



NER GROUP CO.,LIMITED

Yantai Bonway Manufacturer Co.,Ltd



R Series Helical Geared Motor

Parameter

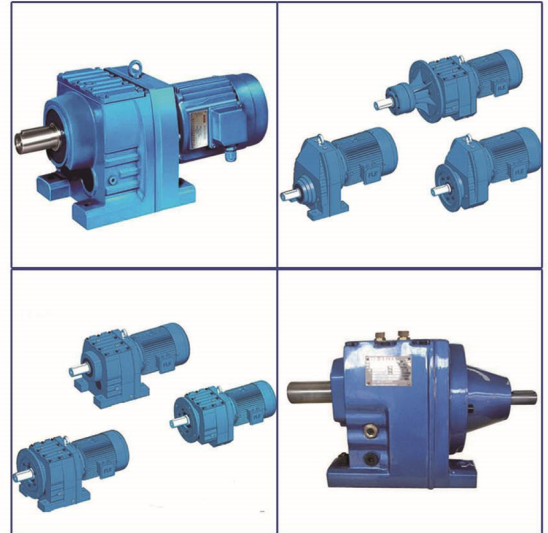
Size: R17~R167

Ratio: 1.65~21221

Input power(KW): 0.12~160kw

Main applied for

- ◆ Chemical agitator
- ◆ Hoist and transport
- ◆ Steel and metallurgy
- ◆ Electric power
- ◆ Coal mining
- ◆ Cement and construction
- ◆ Paper and light industry



S series Helical-worm Geared Motor

Parameter

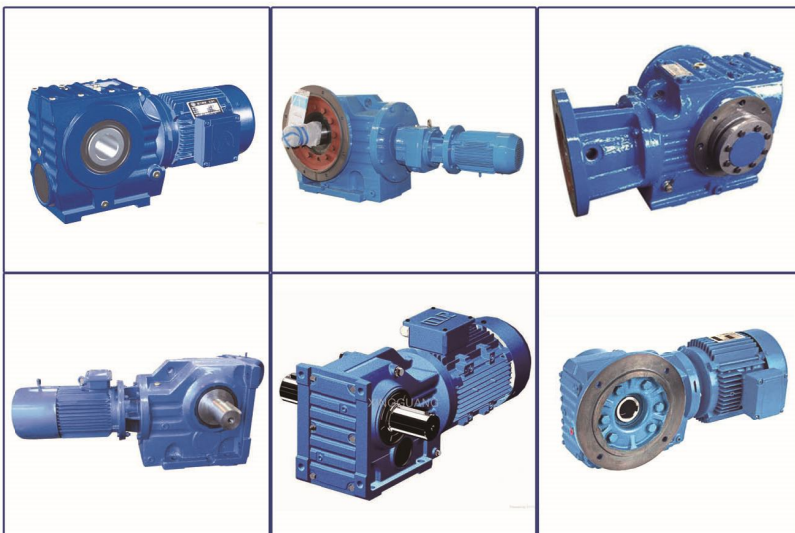
Size: S37~S127

Ratio: 22.5~12901

Input power(KW): 0.12~45kw

Main applied for

- ◆ Harbor and shipping
- ◆ Electric power
- ◆ Coal mining
- ◆ Cement and construction
- ◆ Paper and light industry
- ◆ Textile and logistics



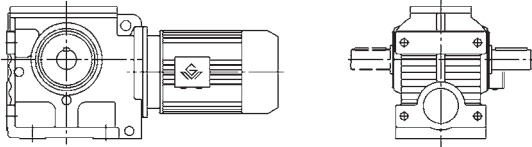
结构型式说明 Dimensional Description

GS 系列输出轴垂直于输入轴,由一级斜齿轮和一级蜗轮蜗杆构成。

Output shafts of GS series are vertical to input shafts. Units of GS series consist of single stage helical gears and single stage worm gears.

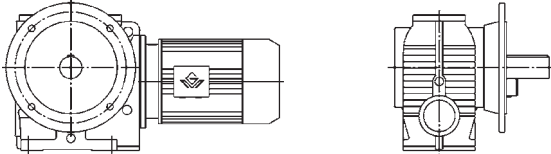
1、GS 型: 底脚轴伸式安装斜齿轮-蜗轮蜗杆减速电机。

Type GS: Foot-mounted helical-worm gear units with solid shaft.



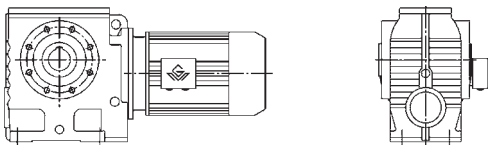
2、GSF 型: B5 法兰轴伸式安装斜齿轮-蜗轮蜗杆减速电机。

Type GSF: B5 flange mounted helical-worm gear units with solid shaft.



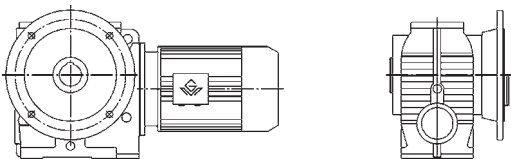
3、GSA 型: 空心轴安装斜齿轮-蜗轮蜗杆减速电机。

Type GSA: Helical-worm gear units with hollow shaft.



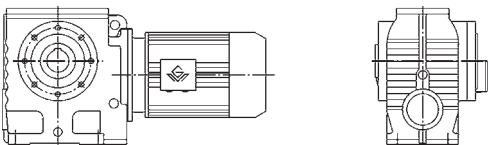
4、GSAF 型: B5 法兰空心轴安装斜齿轮-蜗轮蜗杆减速电机。

Type GSAF: B5 flange mounted helical-worm gear units with hollow shaft.



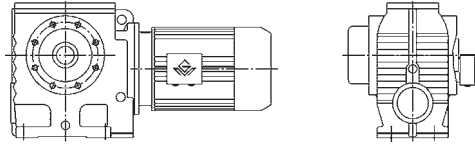
5、GSAZ 型: B14 法兰空心轴安装斜齿轮-蜗轮蜗杆减速电机。

Type GSAZ: B14 flange-mounted helical-worm gear units with hollow shaft.



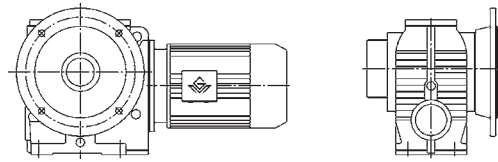
6、GSH 型: 空心轴锁紧盘安装斜齿轮-蜗轮蜗杆减速电机。

Type GSH: Helical-worm geared motor with hollow shaft and shrink disk.



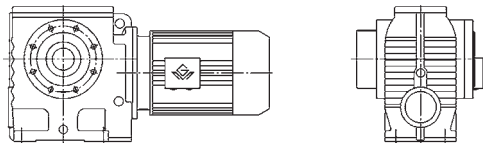
7、GSHF 型: B5 法兰空心轴锁紧盘安装斜齿轮-蜗轮蜗杆减速电机。

Type GSHF: B5 flange-mounted helical-worm geared motor with hollow shaft and shrink disk.



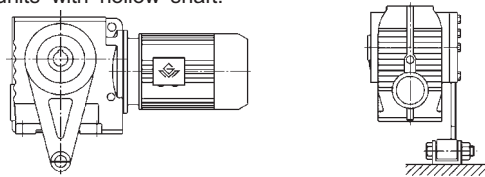
8、GSHZ 型: B14 法兰空心轴锁紧盘安装斜齿轮-蜗轮蜗杆减速电机。

Type GSHZ: B14 flange-mounted helical-worm geared motor with hollow shaft and shrink disk.



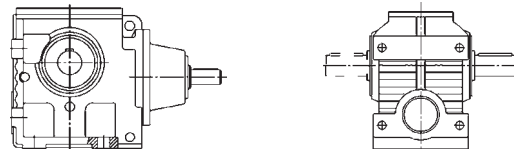
9、GSAT/GSHT 型: 带防转臂空心轴安装斜齿轮-蜗轮蜗杆减速电机。

Type GSAT/GSHT: Torque-arm-mounted helical-worm gear units with hollow shaft.



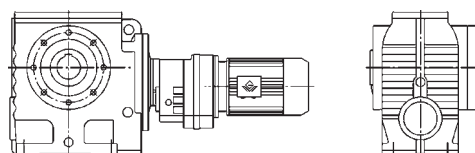
10、GS..SZ..AD..型: 轴输入的斜齿轮-蜗轮蜗杆减速电机。

Type GS..SZ..AD..: Shaft input helical-worm gear units.

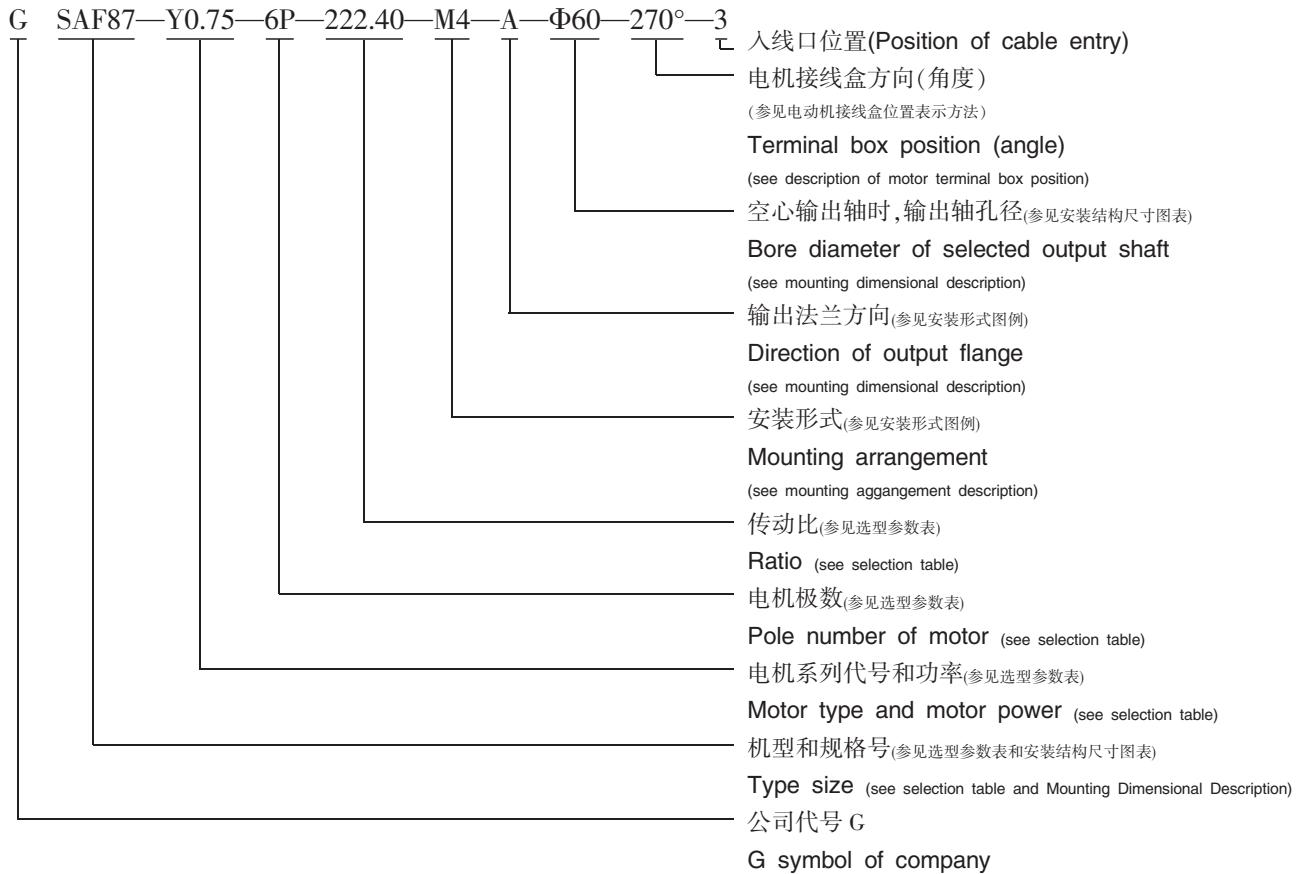


11、GS..R 型: GS 系列和 GR 系列的组合。

Type GS..R: Combined types of series GS and series GR.



GS系列机型号表示方法 Type Expression of GS Series



注:1、需带联接法兰时请注明

2、输入轴型没有电动机各项内容。

3、不注明接线盒方向时,则默认为安装形式中的0度位置。不注明入线口位置时,则默认为X位置。

4、对输出轴旋转方向和输入轴旋转方向有特别要求的用户,请与技术部联系,并在订货时用简图或文字说明。

Note: 1、Please make a note, if it needs connecting flange.

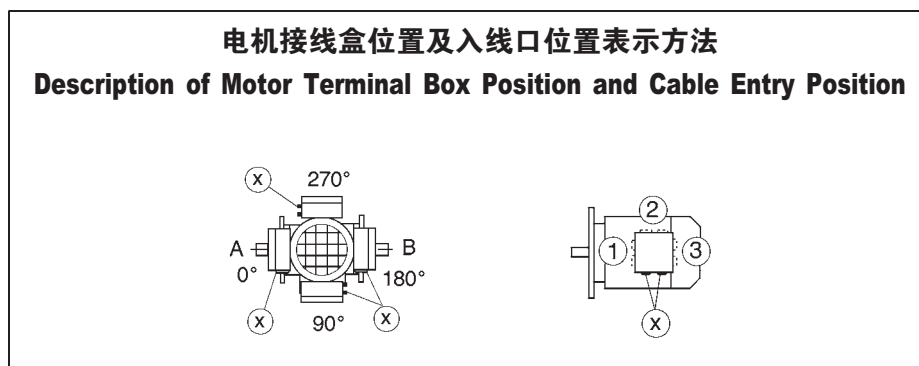
2、Contents of motors for input shaft types are not listed.

3、Degree=0°, if terminal box position is not mentioned. It is X, if cable entry position is not mentioned.

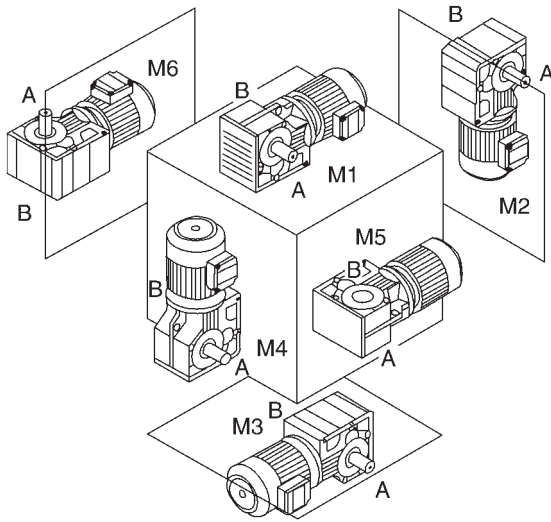
4、If specific rotation directions of output shaft or/and input shaft are specially requested, please contact our technology department, and make detailed description while placing order.

电机接线盒位置及入线口位置表示方法

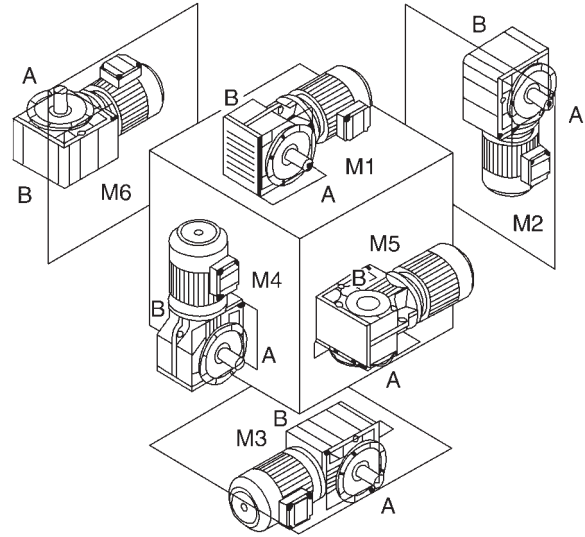
Description of Motor Terminal Box Position and Cable Entry Position



安装形式图例



Mounting Arrangements Description



各种安装形式定义为:

- M1—电机水平放置;减速机底脚朝下。
- M2—电机居下。
- M3—电机水平放置;减速机底脚朝上。
- M4—电机居上。
- M5—电机水平放置;当减速机在 M1 安装位置时,从电机方向看,减速机的左面旋转到下方位置。
- M6—电机水平放置;当减速机在 M1 安装位置时,从电机方向看,减速机的左面旋转到上方位置。

Different kinds of mounting arrangements are defined as following:

- M1—horizontally mounted motor, unit base is at bottom.
- M2—motor is vertically mounted downwards.
- M3—horizontally mounted motor, unit base is top.
- M4—motor is vertically mounted upwards.
- M5—horizontally mounted motor, if placed on M1 position, left side of unit turns to bottom (view point: towards from motor side).
- M6—horizontally mounted motor, if placed on M1 position, left side of unit turns to top (view point: towards from motor side).

减速机重量 (Gear unit weight)

规格 Size	GS37	GS47	GS57	GS67	GS77	GS87	GS97	GS100
重量(kg) Weight	7	10	14	26	50	95	170	240

注:重量为平均值,不包括电机,仅供参考。

(Note: The weights mean are values, without the motor, only for reference.)

选型表注释 (Description of selection table)

恒功率 Constant power

n_a [r/min]	M_a [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole
↓	↓	↓	↓	↓		
输出转速 Output speed	输出转矩 Output torque	减速机速比 Gear unit ratio	许用径向载荷 Permissible radial load	使用系数 Service factor		

恒转矩 Constant torque

M_{max} [Nm]	n_a [r/min]	i	F_{ra} [kN]	机型号 Type size	P [kW]/4P
↓	↓	↓	↓		↓
最大输出转矩 Max. output torque	输出转速 Output speed	减速机速比 Gear unit ratio	许用径向载荷 Permissible radial load		电机功率 Motor power

选型参数表
(恒功率)

Selection Table
(Constant Power)

n_a [r/min]	Ma [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	Ma [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
0.12kW							0.12kW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
0.10	7446	12901	40	0.85	GS100R77	4P	8.3	72	157.43	2.9	1.10	GS37 GSF37 GSA37 GSAF37	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
0.11	6757	11708	40	0.95	GSF100R77		0.12	6186	10719	40	1.05			GSA100R77	0.13	5614	9727	40	1.15	GSAF100R77	0.16	4825	8360	40	1.35		0.12	4325	11267	27	0.90	GS97R57	4P	13	47	98.80	2.9	1.30	GS37 GSF37 GSA37 GSAF37	4P	0.13	3869	10078	31	1.10	GSF97R57	0.15	3304	8608	32	1.25	GSA97R57	0.17	2900	7554	33	1.45	GSAF97R57	0.17	2767	7643	14	0.90		15	41	86.36	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P	0.20	2428	6706	26	1.05	GS87R57	0.22	2184	5875	26	1.15	GSF87R57	0.25	1928	5187	27	1.30	GSA87R57	0.28	1759	4606	27	1.40	GSAF87R57	0.34	1479	3872	28	1.55		0.37	1334	3540	9.2	0.95		16	39	80.96	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P	0.42	1167	3098	12	1.10		0.55	1309	2374	11	0.90	GS77R37	0.63	1149	2083	12	1.10	GSF77R37	0.72	1015	1813	13	1.30	GSA77R37	0.75	977	1745	14	1.35	GSAF77R37	0.82	896	1600	14	1.40		0.93	786	1404	14	1.50		1.1	708	1245	15	1.60		1.0	713	1363	4.6	0.80		18	35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8	0.85		1.3	589	1045	8.3	1.00		1.4	519	914	8.8	1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37	1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55	GSAF67R37	2.4	317	543	10	1.60		2.8	276	469	10	1.75		3.1	250	424	10	1.80		3.6	217	365	10	1.95		2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95		2.6	284	506	7.2	1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226	40	1.05	GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																		
0.12	6186	10719	40	1.05	GSA100R77		0.13	5614	9727	40	1.15			GSAF100R77	0.16	4825	8360	40	1.35		0.12	4325	11267	27	0.90	GS97R57	4P	13	47	98.80	2.9	1.30		GS37 GSF37 GSA37 GSAF37	4P	0.13	3869	10078			31	1.10	GSF97R57	0.15	3304	8608	32	1.25	GSA97R57	0.17	2900	7554	33	1.45	GSAF97R57	0.17	2767	7643	14	0.90		15	41	86.36	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P	0.20			2428	6706	26	1.05	GS87R57	0.22	2184	5875	26	1.15	GSF87R57	0.25	1928	5187	27	1.30	GSA87R57	0.28	1759	4606	27	1.40	GSAF87R57	0.34	1479	3872	28	1.55		0.37	1334	3540	9.2	0.95		16	39	80.96	2.9	1.40	GS37 GSF37 GSA37 GSAF37			4P	0.42	1167	3098	12	1.10		0.55	1309	2374	11	0.90	GS77R37	0.63	1149	2083	12	1.10	GSF77R37	0.72	1015	1813	13	1.30	GSA77R37	0.75	977	1745	14	1.35	GSAF77R37	0.82	896	1600	14	1.40		0.93	786	1404	14	1.50		1.1	708	1245	15	1.60		1.0	713	1363	4.6	0.80		18	35	71.44	2.9			1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8	0.85		1.3	589	1045	8.3	1.00		1.4	519	914	8.8	1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37	1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55	GSAF67R37	2.4	317	543	10	1.60		2.8	276	469	10	1.75		3.1	250	424	10	1.80		3.6	217	365	10	1.95		2.0	355	655	6.6	0.85		21	32			63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95		2.6	284	506	7.2	1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85				23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90			0.16	7238	8360	40			0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226	40	1.05	GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																								
0.13	5614	9727	40	1.15	GSAF100R77		0.16	4825	8360	40	1.35				0.12	4325	11267	27	0.90	GS97R57	4P	13	47	98.80	2.9	1.30		GS37 GSF37 GSA37 GSAF37	4P	0.13	3869	10078				31	1.10	GSF97R57			0.15	3304	8608	32	1.25	GSA97R57	0.17	2900	7554	33	1.45	GSAF97R57	0.17	2767	7643	14	0.90		15	41	86.36	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P	0.20			2428			6706	26	1.05	GS87R57	0.22	2184	5875	26	1.15	GSF87R57	0.25	1928	5187	27	1.30	GSA87R57	0.28	1759	4606	27	1.40	GSAF87R57	0.34	1479	3872	28	1.55		0.37	1334	3540	9.2	0.95		16	39	80.96	2.9	1.40	GS37 GSF37 GSA37 GSAF37					4P	0.42	1167	3098	12	1.10		0.55	1309	2374	11	0.90	GS77R37	0.63	1149	2083	12	1.10	GSF77R37	0.72	1015	1813	13	1.30	GSA77R37	0.75	977	1745	14	1.35	GSAF77R37	0.82	896	1600	14	1.40		0.93	786	1404	14	1.50		1.1	708	1245	15	1.60		1.0	713	1363	4.6	0.80		18	35	71.44			2.9			1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8	0.85		1.3	589	1045	8.3	1.00		1.4	519	914	8.8	1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37	1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55	GSAF67R37	2.4	317	543	10	1.60		2.8	276	469	10	1.75		3.1	250	424	10	1.80		3.6	217	365	10	1.95		2.0	355	655	6.6	0.85				21	32			63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95		2.6	284	506	7.2	1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5			108	202	2.9	0.85				23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5		1.80	GSAF47	12	54	110.73			5.5	1.90			0.16	7238	8360	40			0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226	40	1.05	GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55														
0.16	4825	8360	40	1.35			0.12	4325	11267	27	0.90			GS97R57	4P	13	47	98.80	2.9	1.30		GS37 GSF37 GSA37 GSAF37	4P	0.13	3869	10078				31	1.10	GSF97R57				0.15	3304	8608			32	1.25	GSA97R57	0.17	2900	7554	33	1.45	GSAF97R57	0.17	2767	7643	14	0.90		15	41	86.36	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P	0.20			2428			6706			26	1.05	GS87R57	0.22	2184	5875	26	1.15	GSF87R57	0.25	1928	5187	27	1.30	GSA87R57	0.28	1759	4606	27	1.40	GSAF87R57	0.34	1479	3872	28	1.55		0.37	1334	3540	9.2	0.95		16	39	80.96	2.9	1.40	GS37 GSF37 GSA37 GSAF37							4P	0.42	1167	3098	12	1.10		0.55	1309	2374	11	0.90	GS77R37	0.63	1149	2083	12	1.10	GSF77R37	0.72	1015	1813	13	1.30	GSA77R37	0.75	977	1745	14	1.35	GSAF77R37	0.82	896	1600	14	1.40		0.93	786	1404	14	1.50		1.1	708	1245	15	1.60		1.0	713	1363	4.6	0.80		18	35			71.44			2.9			1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8	0.85		1.3	589	1045	8.3	1.00		1.4	519	914	8.8	1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37	1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55	GSAF67R37	2.4	317	543	10	1.60		2.8	276	469	10	1.75		3.1	250	424	10	1.80		3.6	217	365	10	1.95		2.0	355			655	6.6	0.85				21	32			63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95		2.6	284	506	7.2	1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112			187	5.4	1.40		6.5			108	202	2.9	0.85				23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05		5.5	1.80	GSA47	10	62			128.10	5.5		1.80	GSAF47	12	54	110.73			5.5	1.90			0.16	7238	8360	40			0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226	40	1.05	GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55				
0.12	4325	11267	27	0.90	GS97R57	4P	13	47	98.80	2.9	1.30			GS37 GSF37 GSA37 GSAF37		4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
0.13	3869	10078	31	1.10	GSF97R57		0.15	3304	8608	32	1.25						GSA97R57	0.17	2900	7554				33	1.45	GSAF97R57	0.17			2767	7643	14	0.90				15	41			86.36	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P	0.20	2428	6706	26	1.05	GS87R57	0.22	2184	5875	26	1.15	GSF87R57	0.25	1928	5187			27			1.30			GSA87R57			0.28	1759	4606	27	1.40	GSAF87R57	0.34	1479	3872	28	1.55		0.37	1334	3540	9.2	0.95		16	39	80.96	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P	0.42	1167	3098	12	1.10		0.55	1309	2374	11	0.90	GS77R37	0.63									1149	2083	12	1.10	GSF77R37	0.72	1015	1813	13	1.30	GSA77R37	0.75	977	1745	14	1.35	GSAF77R37	0.82	896	1600	14	1.40		0.93	786	1404	14	1.50		1.1	708	1245	15	1.60		1.0	713	1363	4.6	0.80		18	35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8	0.85		1.3	589			1045			8.3			1.00				1.4	519	914	8.8	1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37	1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55	GSAF67R37	2.4	317	543	10	1.60		2.8	276	469	10	1.75		3.1	250	424	10	1.80		3.6	217	365	10	1.95		2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P			2.3	321	574			6.9	0.95				2.6	284	506			7.2	1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85				23	33	55.93	2.9			1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96			179	2.9	0.95	GS37R17	8.3			86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5			1.90			0.16	7238	8360	40	0.90			GS100R77	4P		35	23	37.66	2.9	1.75			GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05			GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55									
0.15	3304	8608	32	1.25	GSA97R57		0.17	2900	7554	33	1.45						GSAF97R57	0.17	2767	7643	14			0.90		15	41			86.36	2.9	1.40	GS37 GSF37 GSA37 GSAF37			4P	0.20	2428			6706	26	1.05			GS87R57	0.22	2184	5875	26	1.15	GSF87R57	0.25	1928	5187	27	1.30	GSA87R57	0.28	1759			4606			27			1.40			GSAF87R57	0.34	1479	3872	28	1.55		0.37	1334	3540	9.2	0.95		16	39	80.96	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P	0.42	1167	3098			12	1.10		0.55	1309	2374	11	0.90	GS77R37	0.63	1149	2083	12									1.10	GSF77R37	0.72	1015	1813	13	1.30	GSA77R37	0.75	977	1745	14	1.35	GSAF77R37	0.82	896	1600	14	1.40		0.93	786	1404	14	1.50		1.1	708	1245	15	1.60		1.0	713	1363	4.6	0.80		18	35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1			668	1194	7.8	0.85		1.3	589	1045			8.3			1.00						1.4	519	914	8.8	1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37	1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55	GSAF67R37	2.4	317	543	10	1.60		2.8	276	469	10	1.75		3.1	250	424	10	1.80		3.6	217	365	10	1.95		2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37					4P	2.3	321			574	6.9	0.95				2.6	284			506	7.2	1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9			0.85		23	33	55.93			2.9			1.50	GS37 GSF37 GSA37 GSAF37			4P	7.3	96	179	2.9			0.95	GS37R17	8.3	86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12			54	110.73	5.5	1.90		0.16	7238	8360			40			0.90	GS100R77	4P	35	23						37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P			0.18	6256	7226	40	1.05	GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55				
0.17	2900	7554	33	1.45	GSAF97R57		0.17	2767	7643	14	0.90						15	41	86.36	2.9	1.40			GS37 GSF37 GSA37 GSAF37	4P	0.20	2428			6706	26	1.05					GS87R57	0.22			2184	5875	26			1.15	GSF87R57	0.25	1928	5187	27	1.30	GSA87R57	0.28	1759	4606	27	1.40	GSAF87R57	0.34			1479			3872			28			1.55		0.37	1334	3540	9.2	0.95		16	39	80.96	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P	0.42	1167	3098			12	1.10				0.55	1309	2374	11	0.90	GS77R37	0.63	1149	2083	12	1.10	GSF77R37	0.72									1015	1813	13	1.30	GSA77R37	0.75	977	1745	14	1.35	GSAF77R37	0.82	896	1600	14	1.40		0.93	786	1404	14	1.50		1.1	708	1245	15	1.60		1.0	713	1363	4.6	0.80		18	35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1			668			1194	7.8	0.85		1.3	589	1045	8.3			1.00						1.4			519	914	8.8	1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37	1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55	GSAF67R37	2.4	317	543	10	1.60		2.8	276	469	10	1.75		3.1	250	424	10	1.80		3.6	217	365	10	1.95		2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37							4P	2.3			321	574	6.9			0.95		2.6			284	506	7.2	1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202			2.9	0.85		23	33			55.93			2.9					1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3			96	179	2.9	0.95	GS37R17	8.3	86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5			1.80	GSAF47	12	54	110.73	5.5	1.90				0.16		7238	8360	40		0.90	GS100R77						4P	35	23					37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226	40	1.05	GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6
0.17	2767	7643	14	0.90		15	41	86.36	2.9	1.40	GS37 GSF37 GSA37 GSAF37				4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
0.20	2428	6706	26	1.05	GS87R57	0.22	2184	5875	26	1.15		GSF87R57	0.25				1928	5187	27	1.30	GSA87R57					0.28	1759			4606	27	1.40					GSAF87R57	0.34			1479	3872	28			1.55		0.37	1334	3540	9.2	0.95		16	39	80.96	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P			0.42			1167			3098			12	1.10		0.55	1309	2374	11	0.90	GS77R37	0.63	1149	2083	12			1.10	GSF77R37	0.72			1015	1813	13			1.30	GSA77R37	0.75	977	1745	14	1.35	GSAF77R37	0.82	896	1600	14	1.40										0.93	786	1404	14	1.50		1.1	708	1245	15	1.60		1.0	713	1363	4.6	0.80		18	35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8	0.85		1.3	589	1045	8.3	1.00		1.4	519			914			8.8			1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37			1.8			410			712			9.4	1.40	GSA67R37	2.1	356	615	10	1.55	GSAF67R37	2.4	317	543	10	1.60		2.8	276	469	10	1.75		3.1	250	424	10	1.80		3.6	217	365	10	1.95		2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95		2.6	284	506	7.2	1.10	GS57R17									3.0			248	438	7.4			1.25	GSF57R17	3.4			221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96			179	2.9	0.95	GS37R17	8.3			86			158					2.9			1.05			GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238			8360	40	0.90	GS100R77	4P	35	23	37.66			2.9		1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256					7226		40	1.05					GSF100R77	0.20	5677			6557	40	1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55							
0.22	2184	5875	26	1.15	GSF87R57	0.25	1928	5187	27	1.30		GSA87R57	0.28				1759	4606	27	1.40	GSAF87R57					0.34	1479			3872	28	1.55						0.37	1334	3540	9.2	0.95				16	39	80.96	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P	0.42	1167	3098	12	1.10						0.55			1309			2374	11	0.90	GS77R37	0.63	1149	2083	12	1.10	GSF77R37	0.72	1015	1813	13	1.30	GSA77R37			0.75	977	1745			14	1.35	GSAF77R37			0.82	896	1600	14	1.40		0.93	786	1404	14	1.50		1.1				708	1245				15	1.60		1.0	713	1363	4.6	0.80		18	35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8	0.85		1.3	589			1045	8.3	1.00		1.4	519	914	8.8	1.10	GS67R37	1.6	463	809	9.1			1.25			GSF67R37			1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55			GSAF67R37			2.4			317	543	10	1.60		2.8	276	469	10	1.75		3.1	250	424	10	1.80		3.6	217	365	10	1.95		2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95		2.6	284			506	7.2	1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4	221					388	7.5			1.35			GSA57R17	3.9	193			336	7.6	1.45			GSAF57R17	4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86			158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05			GSA37R17			11					65			118			2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226	40		1.05	GSF100R77	0.20			5677	6557	40				1.15	GSA100R77					0.23		4994	5769					40	1.30	GSAF100R77			0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																	
0.25	1928	5187	27	1.30	GSA87R57	0.28	1759	4606	27	1.40		GSAF87R57	0.34				1479	3872	28	1.55						0.37	1334			3540	9.2	0.95			16		39	80.96	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P	0.42			1167	3098	12	1.10				0.55	1309	2374	11	0.90	GS77R37					0.63			1149	2083	12	1.10	GSF77R37	0.72	1015	1813	13	1.30	GSA77R37	0.75	977	1745	14	1.35	GSAF77R37	0.82	896			1600	14	1.40				0.93	786			1404	14	1.50		1.1	708	1245	15	1.60		1.0	713	1363			4.6	0.80		18			35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8	0.85		1.3	589			1045	8.3	1.00		1.4	519	914	8.8			1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37	1.8	410	712	9.4	1.40	GSA67R37			2.1			356			615	10	1.55	GSAF67R37	2.4	317	543	10	1.60		2.8	276	469	10			1.75				3.1	250	424	10	1.80		3.6	217	365	10	1.95		2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95		2.6	284			506	7.2	1.10	GS57R17	3.0	248	438	7.4			1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6					1.45	GSAF57R17			4.5	170	294	7.7	1.55				4.9	156	269			7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86			158	2.9	1.05	GSF37R17	9.1	78	144	2.9			1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9			1.15								6.5			93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256		7226	40	1.05	GSF100R77	0.20			5677	6557	40	1.15		GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28			2639	4606	20					0.95		GS87R57	0.34					2218	3872	26			1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																											
0.28	1759	4606	27	1.40	GSAF87R57	0.34	1479	3872	28	1.55			0.37				1334	3540	9.2	0.95						16	39	80.96	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P		0.42	1167		3098	12	1.10				0.55			1309	2374	11	0.90	GS77R37			0.63	1149	2083	12	1.10	GSF77R37					0.72	1015	1813	13	1.30	GSA77R37	0.75	977	1745	14	1.35	GSAF77R37	0.82	896	1600	14	1.40		0.93	786	1404	14			1.50		1.1			708	1245	15			1.60		1.0	713	1363	4.6	0.80		18	35	71.44	2.9	1.45		GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8		0.85		1.3	589			1045	8.3	1.00		1.4	519	914	8.8			1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37			1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55	GSAF67R37	2.4	317			543			10			1.60		2.8	276	469	10	1.75		3.1	250	424	10	1.80		3.6	217	365			10	1.95		2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95		2.6	284			506	7.2	1.10	GS57R17	3.0	248	438	7.4			1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17			3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55						4.9	156			269	7.7	1.60		3.0	231	438	4.8	0.80		3.4			225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86			158	2.9	1.05	GSF37R17	9.1	78	144	2.9			1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55				7.1		86	184.80		5.4			1.60			GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256		7226	40	1.05	GSF100R77	0.20			5677	6557		40	1.15	GSA100R77	0.23	4994			5769	40	1.30	GSAF100R77		0.28	2639	4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38			2047	3475	26	1.25					GSA87R57	0.45	1732			2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																					
0.34	1479	3872	28	1.55		0.37	1334	3540	9.2	0.95			16				39	80.96	2.9	1.40	GS37 GSF37 GSA37 GSAF37	4P	0.42			1167	3098	12	1.10					0.55	1309		2374	11	0.90	GS77R37			0.63			1149	2083	12	1.10	GSF77R37			0.72	1015	1813	13	1.30	GSA77R37			0.75	977	1745	14	1.35	GSAF77R37	0.82	896	1600	14	1.40		0.93	786	1404	14	1.50		1.1	708	1245	15	1.60				1.0	713	1363			4.6	0.80				18	35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8	0.85		1.3			589	1045	8.3	1.00		1.4	519	914	8.8			1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37			1.8	410	712	9.4	1.40	GSA67R37	2.1	356			615	10	1.55	GSAF67R37	2.4	317	543	10	1.60		2.8	276	469	10			1.75						3.1	250	424	10	1.80		3.6	217	365	10	1.95		2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95		2.6	284			506	7.2	1.10	GS57R17	3.0	248	438	7.4			1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17			3.9	193	336	7.6	1.45	GSAF57R17	4.5	170			294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231					438	4.8			0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86			158	2.9	1.05	GSF37R17	9.1	78	144	2.9			1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15		6.5	93			201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75			158.12		5.5	1.65		GSF47			9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256		7226	40	1.05	GSF100R77	0.20			5677	6557		40	1.15	GSA100R77	0.23	4994			5769	40		1.30	GSAF100R77	0.28	2639	4606			20	0.95	GS87R57	0.34		2218	3872	26	1.15	GSF87R57	0.38	2047	3475			26	1.25	GSA87R57	0.45	1732			2905	27	1.40	GSAF87R57			0.51	1541	2586	27	1.55				0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																														
0.37	1334	3540	9.2	0.95		16	39	80.96	2.9	1.40		GS37 GSF37 GSA37 GSAF37	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
0.42	1167	3098	12	1.10		0.55	1309	2374	11	0.90				GS77R37		0.63	1149	2083	12	1.10			GSF77R37			0.72	1015	1813	13	1.30				GSA77R37	0.75		977	1745	14	1.35			GSAF77R37	0.82	896	1600	14	1.40		0.93			786	1404	14	1.50		1.1			708	1245	15	1.60		1.0	713	1363	4.6	0.80		18	35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8	0.85				1.3	589	1045			8.3	1.00		1.4	519	914	8.8	1.10	GS67R37	1.6			463	809	9.1	1.25	GSF67R37	1.8	410			712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55			GSAF67R37	2.4	317	543	10	1.60		2.8			276	469	10	1.75		3.1	250	424			10	1.80		3.6	217	365	10	1.95		2.0	355	655	6.6	0.85						21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95		2.6	284	506	7.2	1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4			221	388	7.5	1.35	GSA57R17	3.9	193	336			7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55				4.9	156	269	7.7	1.60		3.0			231	438	4.8	0.80		3.4	225	388			4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294			5.2	1.10	GSF47R17	5.1			115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11			65	118	2.9	1.15	GSAF37R17	12	61	110			2.9	1.15		6.5	93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60	GS47	8.3			75	158.12	5.5	1.65	GSF47	9.6	65	137.05			5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90			0.16	7238		8360			40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226	40	1.05	GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23		4994	5769	40	1.30	GSAF100R77			0.28	2639		4606	20	0.95	GS87R57	0.34			2218	3872		26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732	2905	27			1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60				0.64	1254	2054	28	1.70		0.72	1127	1824	28			1.80		0.80	1020	1631			28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																				
0.55	1309	2374	11	0.90	GS77R37	0.63	1149	2083	12	1.10				GSF77R37		0.72	1015	1813	13	1.30			GSA77R37			0.75	977	1745	14	1.35			GSAF77R37	0.82	896	1600	14	1.40		0.93			786	1404	14	1.50		1.1	708	1245			15	1.60		1.0	713	1363			4.6	0.80		18	35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8	0.85				1.3	589	1045	8.3	1.00				1.4	519	914	8.8	1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37	1.8	410	712			9.4	1.40	GSA67R37	2.1	356	615	10			1.55	GSAF67R37	2.4	317	543	10	1.60		2.8			276	469	10	1.75		3.1	250	424			10	1.80		3.6	217	365	10	1.95				2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P			2.3	321	574	6.9	0.95		2.6	284			506	7.2	1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336			7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55				4.9	156	269	7.7	1.60		3.0			231	438	4.8	0.80		3.4	225	388			4.9	0.85		3.9	196	336	5.1	0.95			GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40		GSA47R17	5.7	136	229	5.3	1.30		GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86			158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110			2.9	1.15		6.5	93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60	GS47	8.3			75	158.12	5.5	1.65	GSF47	9.6	65	137.05			5.5	1.80	GSA47	10	62	128.10	5.5	1.80			GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37			4P	0.18	6256		7226	40	1.05	GSF100R77	0.20			5677	6557	40	1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28	2639		4606	20	0.95	GS87R57	0.34			2218	3872		26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732	2905	27			1.40	GSAF87R57	0.51	1541	2586	27	1.55				0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72			1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1			1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																														
0.63	1149	2083	12	1.10	GSF77R37	0.72	1015	1813	13	1.30				GSA77R37		0.75	977	1745	14	1.35			GSAF77R37	0.82	896	1600	14	1.40		0.93			786	1404	14	1.50		1.1	708	1245			15	1.60		1.0	713	1363	4.6	0.80				18	35	71.44	2.9	1.45			GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8	0.85				1.3	589	1045	8.3	1.00				1.4	519	914	8.8	1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37	1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55			GSAF67R37	2.4	317	543	10	1.60				2.8	276	469	10	1.75		3.1	250	424			10	1.80		3.6	217	365	10	1.95				2.0	355	655	6.6	0.85		21			32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2	1.10	GS57R17	3.0	248	438	7.4			1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55				4.9	156	269	7.7	1.60		3.0			231	438	4.8	0.80		3.4	225	388			4.9	0.85		3.9	196	336	5.1	0.95			GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1			115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86			158	2.9	1.05	GSF37R17	9.1	78	144	2.9			1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60	GS47	8.3			75	158.12	5.5	1.65	GSF47	9.6	65	137.05			5.5	1.80	GSA47	10	62	128.10	5.5	1.80			GSAF47	12	54	110.73	5.5	1.90		0.16			7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05		GSF100R77	0.20		5677	6557		40	1.15	GSA100R77	0.23	4994			5769	40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872		26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732	2905	27			1.40	GSAF87R57	0.51	1541	2586	27	1.55				0.56	1408	2335	27	1.60		0.64	1254			2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631			28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																								
0.72	1015	1813	13	1.30	GSA77R37	0.75	977	1745	14	1.35	GSAF77R37			0.82	896	1600	14	1.40		0.93			786	1404	14	1.50		1.1	708	1245			15	1.60		1.0	713	1363	4.6	0.80				18	35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P			1.1	668	1194	7.8	0.85						1.3	589	1045	8.3	1.00				1.4	519	914	8.8	1.10	GS67R37			1.6	463	809	9.1	1.25	GSF67R37	1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55	GSAF67R37	2.4	317	543	10	1.60				2.8	276	469	10	1.75				3.1	250	424	10	1.80		3.6	217	365			10	1.95		2.0	355	655	6.6	0.85				21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P			2.3	321	574	6.9			0.95		2.6	284	506	7.2			1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4	221			388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9	156	269			7.7	1.60		3.0	231	438	4.8	0.80				3.4	225	388	4.9	0.85		3.9			196	336	5.1	0.95	GS47R17	4.5	173	294			5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40			GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96			179	2.9	0.95	GS37R17	8.3	86	158	2.9			1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1			86	184.80	5.4	1.60	GS47	8.3	75	158.12			5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80			GSA47	10	62	128.10	5.5	1.80	GSAF47	12			54	110.73	5.5	1.90		0.16	7238	8360			40	0.90	GS100R77	4P	35		23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37				4P	0.18	6256	7226	40		1.05	GSF100R77		0.20	5677		6557	40	1.15	GSA100R77	0.23			4994	5769	40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732	2905	27			1.40	GSAF87R57	0.51	1541	2586	27	1.55				0.56	1408	2335	27	1.60		0.64	1254			2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631			28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																								
0.75	977	1745	14	1.35	GSAF77R37	0.82	896	1600	14	1.40				0.93	786	1404	14	1.50		1.1			708	1245	15	1.60		1.0	713	1363			4.6	0.80		18	35	71.44	2.9	1.45			GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8					0.85		1.3	589	1045	8.3	1.00				1.4	519	914	8.8	1.10	GS67R37			1.6	463	809	9.1	1.25	GSF67R37			1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55	GSAF67R37	2.4	317	543	10	1.60		2.8	276	469	10	1.75				3.1	250	424	10	1.80				3.6	217	365	10	1.95		2.0	355	655			6.6	0.85		21	32	63.33	2.9	1.55			GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9			0.95		2.6	284	506	7.2			1.10	GS57R17	3.0	248	438	7.4			1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9	193			336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231	438			4.8	0.80		3.4	225	388	4.9	0.85				3.9	196	336	5.1	0.95	GS47R17	4.5			173	294	5.2	1.10	GSF47R17	5.1	115	257			5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86			158	2.9	1.05	GSF37R17	9.1	78	144	2.9			1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3			75	158.12	5.5	1.65	GSF47	9.6	65	137.05			5.5	1.80	GSA47	10	62	128.10	5.5	1.80			GSAF47	12	54	110.73	5.5	1.90		0.16			7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18		6256	7226	40	1.05						GSF100R77	0.20	5677	6557		40	1.15		GSA100R77	0.23		4994	5769	40	1.30	GSAF100R77			0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45			1732	2905	27	1.40	GSAF87R57	0.51	1541	2586			27	1.55		0.56	1408	2335	27	1.60				0.64	1254	2054	28	1.70		0.72			1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																															
0.82	896	1600	14	1.40		0.93	786	1404	14	1.50				1.1	708	1245	15	1.60		1.0			713	1363	4.6	0.80		18	35	71.44			2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668	1194	7.8					0.85		1.3	589			1045	8.3	1.00		1.4	519	914	8.8	1.10	GS67R37			1.6	463	809	9.1	1.25	GSF67R37			1.8	410	712	9.4	1.40	GSA67R37			2.1	356	615	10	1.55	GSAF67R37	2.4	317	543	10	1.60		2.8	276	469	10	1.75		3.1	250	424	10	1.80				3.6	217	365	10	1.95				2.0	355	655	6.6	0.85		21	32	63.33			2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2			1.10	GS57R17	3.0	248	438	7.4			1.25	GSF57R17	3.4	221	388	7.5			1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5	170			294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388			4.9	0.85		3.9	196	336	5.1	0.95			GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1			115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78			144	2.9	1.05	GSA37R17	11	65	118	2.9			1.15	GSAF37R17	12	61	110	2.9	1.15				6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6			65	137.05	5.5	1.80	GSA47	10	62	128.10			5.5	1.80	GSAF47	12	54	110.73	5.5	1.90				0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77		0.20	5677	6557	40						1.15	GSA100R77	0.23	4994		5769	40		1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57			0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51			1541	2586	27	1.55		0.56	1408	2335			27	1.60		0.64	1254	2054	28	1.70				0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																							
0.93	786	1404	14	1.50		1.1	708	1245	15	1.60				1.0	713	1363	4.6	0.80		18			35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P	1.1	668			1194	7.8			0.85		1.3	589	1045	8.3			1.00		1.4	519			914	8.8	1.10	GS67R37	1.6	463	809	9.1	1.25	GSF67R37			1.8	410	712	9.4	1.40	GSA67R37			2.1	356	615	10	1.55	GSAF67R37			2.4	317	543	10	1.60		2.8	276	469	10	1.75		3.1	250	424	10	1.80		3.6	217	365	10	1.95				2.0	355	655	6.6	0.85				21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2	1.10	GS57R17			3.0	248	438	7.4			1.25	GSF57R17	3.4	221	388	7.5			1.35	GSA57R17	3.9	193	336	7.6			1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9	156			269	7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336			5.1	0.95	GS47R17	4.5	173	294	5.2	1.10			GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65			118	2.9	1.15	GSAF37R17	12	61	110	2.9			1.15		6.5	93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10			62	128.10	5.5	1.80	GSAF47	12	54	110.73			5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15		GSA100R77	0.23	4994	5769				40		1.30	GSAF100R77	0.28	2639		4606	20		0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57			0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56			1408	2335	27	1.60		0.64	1254	2054			28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																															
1.1	708	1245	15	1.60		1.0	713	1363	4.6	0.80				18	35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37	4P			1.1	668	1194	7.8			0.85		1.3	589	1045	8.3			1.00		1.4	519	914	8.8			1.10	GS67R37	1.6	463			809	9.1	1.25	GSF67R37	1.8	410	712	9.4	1.40	GSA67R37			2.1	356	615	10	1.55	GSAF67R37			2.4	317	543	10	1.60				2.8	276	469	10	1.75		3.1	250	424	10	1.80		3.6	217	365	10	1.95		2.0	355	655	6.6	0.85				21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2	1.10	GS57R17			3.0	248	438	7.4	1.25	GSF57R17			3.4	221	388	7.5			1.35	GSA57R17	3.9	193	336	7.6			1.45	GSAF57R17	4.5	170	294	7.7			1.55		4.9	156	269	7.7	1.60		3.0	231			438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294			5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61			110	2.9	1.15		6.5	93	201.00	5.4			1.55		7.1	86	184.80	5.4	1.60	GS47			8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12			54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639	4606				20		0.95	GS87R57	0.34	2218		3872	26		1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57			0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64			1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																							
1.0	713	1363	4.6	0.80		18	35	71.44	2.9	1.45	GS37 GSF37 GSA37 GSAF37			4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1.1	668	1194	7.8	0.85		1.3	589	1045	8.3	1.00			1.4		519	914	8.8	1.10			GS67R37	1.6	463	809	9.1	1.25			GSF67R37	1.8	410	712	9.4	1.40			GSA67R37	2.1	356	615	10	1.55			GSAF67R37	2.4	317	543			10	1.60		2.8	276	469	10	1.75		3.1			250	424	10	1.80		3.6			217	365	10	1.95		2.0			355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95		2.6	284	506	7.2	1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4			221	388	7.5	1.35	GSA57R17	3.9			193	336	7.6	1.45	GSAF57R17	4.5			170	294	7.7	1.55		4.9			156	269	7.7	1.60				3.0	231	438	4.8	0.80				3.4	225	388	4.9	0.85				3.9	196	336	5.1	0.95	GS47R17	4.5	173	294			5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11			65	118	2.9	1.15	GSAF37R17	12			61	110	2.9	1.15		6.5			93	201.00	5.4	1.55		7.1			86	184.80	5.4	1.60	GS47	8.3			75	158.12			5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80			GSA47	10	62	128.10	5.5	1.80	GSAF47	12			54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226	40	1.05	GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23		4994	5769	40	1.30	GSAF100R77				0.28	2639	4606	20	0.95				GS87R57	0.34	2218	3872	26			1.15	GSF87R57	0.38	2047	3475	26			1.25	GSA87R57	0.45	1732	2905	27	1.40				GSAF87R57		0.51	1541	2586	27		1.55			0.56	1408	2335	27	1.60		0.64	1254			2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																													
1.3	589	1045	8.3	1.00		1.4	519	914	8.8	1.10		GS67R37	1.6		463	809	9.1	1.25			GSF67R37	1.8	410	712	9.4	1.40			GSA67R37	2.1	356	615	10	1.55			GSAF67R37	2.4	317	543	10	1.60				2.8	276	469			10	1.75		3.1	250	424	10	1.80		3.6			217	365	10	1.95		2.0			355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2	1.10	GS57R17	3.0	248	438	7.4	1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9			193	336	7.6	1.45	GSAF57R17	4.5			170	294	7.7	1.55		4.9			156	269	7.7	1.60		3.0			231	438	4.8	0.80				3.4	225	388	4.9	0.85				3.9	196	336	5.1	0.95			GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12			61	110	2.9	1.15		6.5			93	201.00	5.4	1.55		7.1			86	184.80	5.4	1.60	GS47	8.3			75	158.12	5.5	1.65	GSF47	9.6			65	137.05			5.5	1.80	GSA47	10	62	128.10	5.5	1.80			GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05			GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77		0.28	2639	4606	20	0.95				GS87R57	0.34	2218	3872	26			1.15	GSF87R57	0.38	2047	3475	26			1.25	GSA87R57	0.45	1732	2905	27			1.40	GSAF87R57	0.51	1541	2586	27	1.55						0.56	1408	2335	27		1.60			0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																					
1.4	519	914	8.8	1.10	GS67R37	1.6	463	809	9.1	1.25		GSF67R37	1.8		410	712	9.4	1.40			GSA67R37	2.1	356	615	10	1.55			GSAF67R37	2.4	317	543	10	1.60				2.8	276	469	10	1.75				3.1	250	424			10	1.80		3.6	217	365	10	1.95		2.0			355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2	1.10	GS57R17			3.0	248	438	7.4	1.25	GSF57R17	3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5			170	294	7.7	1.55		4.9			156	269	7.7	1.60		3.0			231	438	4.8	0.80		3.4			225	388	4.9	0.85				3.9	196	336	5.1	0.95			GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5			93	201.00	5.4	1.55		7.1			86	184.80	5.4	1.60	GS47	8.3			75	158.12	5.5	1.65	GSF47	9.6			65	137.05	5.5	1.80	GSA47	10			62	128.10			5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40			1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28	2639	4606	20	0.95		GS87R57	0.34	2218	3872	26			1.15	GSF87R57	0.38	2047	3475	26			1.25	GSA87R57	0.45	1732	2905	27			1.40	GSAF87R57	0.51	1541	2586	27			1.55		0.56	1408	2335	27	1.60						0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																													
1.6	463	809	9.1	1.25	GSF67R37	1.8	410	712	9.4	1.40		GSA67R37	2.1		356	615	10	1.55			GSAF67R37	2.4	317	543	10	1.60				2.8	276	469	10	1.75				3.1	250	424	10	1.80				3.6	217	365			10	1.95		2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2	1.10	GS57R17			3.0	248	438	7.4	1.25	GSF57R17			3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9			156	269	7.7	1.60		3.0			231	438	4.8	0.80		3.4			225	388	4.9	0.85		3.9			196	336	5.1	0.95			GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1			86	184.80	5.4	1.60	GS47	8.3			75	158.12	5.5	1.65	GSF47	9.6			65	137.05	5.5	1.80	GSA47	10			62	128.10	5.5	1.80	GSAF47	12			54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769			40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26			1.25	GSA87R57	0.45	1732	2905	27			1.40	GSAF87R57	0.51	1541	2586	27			1.55		0.56	1408	2335	27			1.60		0.64	1254	2054	28	1.70			0.72	1127		1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																					
1.8	410	712	9.4	1.40	GSA67R37	2.1	356	615	10	1.55		GSAF67R37	2.4		317	543	10	1.60				2.8	276	469	10	1.75				3.1	250	424	10	1.80				3.6	217	365	10	1.95				2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2	1.10	GS57R17			3.0	248	438	7.4	1.25	GSF57R17			3.4	221	388	7.5	1.35	GSA57R17			3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60		3.0			231	438	4.8	0.80		3.4			225	388	4.9	0.85		3.9			196	336	5.1	0.95	GS47R17	4.5			173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3			75	158.12	5.5	1.65	GSF47	9.6			65	137.05	5.5	1.80	GSA47	10			62	128.10	5.5	1.80	GSAF47	12			54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905			27	1.40	GSAF87R57	0.51	1541	2586			27	1.55		0.56	1408	2335			27	1.60		0.64	1254	2054			28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																												
2.1	356	615	10	1.55	GSAF67R37	2.4	317	543	10	1.60			2.8		276	469	10	1.75				3.1	250	424	10	1.80				3.6	217	365	10	1.95				2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2	1.10	GS57R17			3.0	248	438	7.4	1.25	GSF57R17			3.4	221	388	7.5	1.35	GSA57R17			3.9	193	336	7.6	1.45	GSAF57R17			4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80		3.4			225	388	4.9	0.85		3.9			196	336	5.1	0.95	GS47R17	4.5			173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15				6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6			65	137.05	5.5	1.80	GSA47	10			62	128.10	5.5	1.80	GSAF47	12			54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586			27	1.55		0.56	1408	2335			27	1.60		0.64	1254	2054			28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																				
2.4	317	543	10	1.60		2.8	276	469	10	1.75			3.1		250	424	10	1.80				3.6	217	365	10	1.95				2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2	1.10	GS57R17			3.0	248	438	7.4	1.25	GSF57R17			3.4	221	388	7.5	1.35	GSA57R17			3.9	193	336	7.6	1.45	GSAF57R17			4.5	170	294	7.7	1.55				4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9			196	336	5.1	0.95	GS47R17	4.5			173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15				6.5	93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10			62	128.10	5.5	1.80	GSAF47	12			54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335			27	1.60		0.64	1254	2054			28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																												
2.8	276	469	10	1.75		3.1	250	424	10	1.80			3.6		217	365	10	1.95				2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2	1.10	GS57R17			3.0	248	438	7.4	1.25	GSF57R17			3.4	221	388	7.5	1.35	GSA57R17			3.9	193	336	7.6	1.45	GSAF57R17			4.5	170	294	7.7	1.55				4.9	156	269	7.7	1.60				3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5			173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15				6.5	93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60	GS47			8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12			54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732			2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054			28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																				
3.1	250	424	10	1.80		3.6	217	365	10	1.95			2.0		355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2	1.10	GS57R17			3.0	248	438	7.4	1.25	GSF57R17			3.4	221	388	7.5	1.35	GSA57R17			3.9	193	336	7.6	1.45	GSAF57R17			4.5	170	294	7.7	1.55				4.9	156	269	7.7	1.60				3.0	231	438	4.8	0.80				3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15				6.5	93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60	GS47			8.3	75	158.12	5.5	1.65	GSF47			9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732			2905	27	1.40	GSAF87R57	0.51	1541			2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																												
3.6	217	365	10	1.95		2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P	2.3	321	574	6.9	0.95				2.6	284	506	7.2	1.10	GS57R17			3.0	248	438	7.4	1.25	GSF57R17			3.4	221	388	7.5	1.35	GSA57R17			3.9	193	336	7.6	1.45	GSAF57R17			4.5	170	294	7.7	1.55				4.9	156	269	7.7	1.60				3.0	231	438	4.8	0.80				3.4	225	388	4.9	0.85				3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9			0.95	GS37R17	8.3	86	158	2.9			1.05	GSF37R17	9.1	78	144	2.9			1.05	GSA37R17	11	65	118	2.9			1.15	GSAF37R17	12	61	110	2.9			1.15		6.5	93	201.00	5.4			1.55		7.1	86	184.80	5.4			1.60	GS47	8.3	75	158.12	5.5			1.65	GSF47	9.6	65	137.05	5.5			1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66		2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18				6256	7226	40	1.05	GSF100R77				0.20	5677	6557	40	1.15				GSA100R77	0.23	4994	5769	40			1.30	GSAF100R77	0.28	2639	4606	20			0.95	GS87R57	0.34	2218	3872	26			1.15	GSF87R57	0.38	2047	3475	26			1.25	GSA87R57	0.45	1732	2905	27			1.40	GSAF87R57	0.51	1541	2586	27			1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																														
2.0	355	655	6.6	0.85		21	32	63.33	2.9	1.55	GS37 GSF37 GSA37 GSAF37	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
2.3	321	574	6.9	0.95		2.6	284	506	7.2	1.10			GS57R17	3.0	248	438			7.4	1.25	GSF57R17	3.4	221	388			7.5	1.35	GSA57R17	3.9	193	336			7.6	1.45	GSAF57R17	4.5	170	294			7.7	1.55		4.9	156	269			7.7	1.60		3.0	231	438			4.8	0.80		3.4	225	388			4.9	0.85		3.9	196	336			5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17	8.3	86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05			GSA37R17	11	65	118			2.9	1.15	GSAF37R17	12	61	110			2.9	1.15		6.5	93	201.00			5.4	1.55		7.1	86	184.80			5.4	1.60	GS47	8.3	75	158.12			5.5	1.65	GSF47	9.6	65	137.05			5.5	1.80	GSA47	10	62	128.10			5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226	40	1.05	GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23		4994	5769	40		1.30	GSAF100R77			0.28				2639	4606	20	0.95	GS87R57			0.34	2218	3872	26	1.15	GSF87R57			0.38	2047	3475	26	1.25	GSA87R57			0.45	1732	2905	27	1.40	GSAF87R57			0.51	1541	2586	27	1.55				0.56	1408	2335	27	1.60				0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																						
2.6	284	506	7.2	1.10	GS57R17	3.0	248	438	7.4	1.25			GSF57R17	3.4	221	388			7.5	1.35	GSA57R17	3.9	193	336			7.6	1.45	GSAF57R17	4.5	170	294			7.7	1.55		4.9	156	269			7.7	1.60		3.0	231	438			4.8	0.80		3.4	225	388			4.9	0.85		3.9	196	336			5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15			GSAF37R17	12	61	110			2.9	1.15		6.5	93	201.00			5.4	1.55		7.1	86	184.80			5.4	1.60	GS47	8.3	75	158.12			5.5	1.65	GSF47	9.6	65	137.05			5.5	1.80	GSA47	10	62	128.10			5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05			GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77		0.28	2639	4606		20	0.95			GS87R57			0.34	2218	3872	26	1.15	GSF87R57			0.38	2047	3475	26	1.25	GSA87R57			0.45	1732	2905	27	1.40	GSAF87R57			0.51	1541	2586	27	1.55				0.56	1408	2335	27	1.60				0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																														
3.0	248	438	7.4	1.25	GSF57R17	3.4	221	388	7.5	1.35			GSA57R17	3.9	193	336			7.6	1.45	GSAF57R17	4.5	170	294			7.7	1.55		4.9	156	269			7.7	1.60		3.0	231	438			4.8	0.80		3.4	225	388			4.9	0.85		3.9	196	336			5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15				6.5	93	201.00			5.4	1.55		7.1	86	184.80			5.4	1.60	GS47	8.3	75	158.12			5.5	1.65	GSF47	9.6	65	137.05			5.5	1.80	GSA47	10	62	128.10			5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40			1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28	2639	4606	20	0.95		GS87R57	0.34	2218	3872	26	1.15			GSF87R57			0.38	2047	3475	26	1.25	GSA87R57			0.45	1732	2905	27	1.40	GSAF87R57			0.51	1541	2586	27	1.55				0.56	1408	2335	27	1.60				0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																						
3.4	221	388	7.5	1.35	GSA57R17	3.9	193	336	7.6	1.45			GSAF57R17	4.5	170	294			7.7	1.55		4.9	156	269			7.7	1.60		3.0	231	438			4.8	0.80		3.4	225	388			4.9	0.85		3.9	196	336			5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55				7.1	86	184.80			5.4	1.60	GS47	8.3	75	158.12			5.5	1.65	GSF47	9.6	65	137.05			5.5	1.80	GSA47	10	62	128.10			5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769			40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25			GSA87R57			0.45	1732	2905	27	1.40	GSAF87R57			0.51	1541	2586	27	1.55				0.56	1408	2335	27	1.60				0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																														
3.9	193	336	7.6	1.45	GSAF57R17	4.5	170	294	7.7	1.55				4.9	156	269			7.7	1.60		3.0	231	438			4.8	0.80		3.4	225	388			4.9	0.85		3.9	196	336			5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60			GS47	8.3	75	158.12			5.5	1.65	GSF47	9.6	65	137.05			5.5	1.80	GSA47	10	62	128.10			5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27			1.40			GSAF87R57	0.51	1541	2586	27	1.55				0.56	1408	2335	27	1.60				0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																					
4.5	170	294	7.7	1.55		4.9	156	269	7.7	1.60				3.0	231	438			4.8	0.80		3.4	225	388			4.9	0.85		3.9	196	336			5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15				6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65			GSF47	9.6	65	137.05			5.5	1.80	GSA47	10	62	128.10			5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27			1.55				0.56	1408	2335	27	1.60				0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																													
4.9	156	269	7.7	1.60		3.0	231	438	4.8	0.80				3.4	225	388			4.9	0.85		3.9	196	336			5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15				6.5	93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80			GSA47	10	62	128.10			5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27			1.60				0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																					
3.0	231	438	4.8	0.80		3.4	225	388	4.9	0.85				3.9	196	336			5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15				6.5	93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60	GS47			8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80			GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732			2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28			1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																													
3.4	225	388	4.9	0.85		3.9	196	336	5.1	0.95			GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15				6.5	93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60	GS47			8.3	75	158.12	5.5	1.65	GSF47			9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732			2905	27	1.40	GSAF87R57	0.51	1541			2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																					
3.9	196	336	5.1	0.95	GS47R17	4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9	0.95	GS37R17			8.3	86	158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15				6.5	93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60	GS47			8.3	75	158.12	5.5	1.65	GSF47			9.6	65	137.05	5.5	1.80	GSA47			10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75		GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226				40	1.05	GSF100R77	0.20	5677				6557	40	1.15	GSA100R77	0.23				4994	5769	40	1.30	GSAF100R77			0.28	2639	4606	20	0.95	GS87R57			0.34	2218	3872	26	1.15	GSF87R57			0.38	2047	3475	26	1.25	GSA87R57			0.45	1732	2905	27	1.40	GSAF87R57			0.51	1541	2586	27	1.55				0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																									
4.5	173	294	5.2	1.10	GSF47R17	5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9			0.95	GS37R17	8.3	86	158	2.9			1.05	GSF37R17	9.1	78	144	2.9			1.05	GSA37R17	11	65	118	2.9			1.15	GSAF37R17	12	61	110	2.9			1.15		6.5	93	201.00	5.4			1.55		7.1	86	184.80	5.4			1.60	GS47	8.3	75	158.12	5.5			1.65	GSF47	9.6	65	137.05	5.5			1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75		GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226				40	1.05	GSF100R77				0.20	5677	6557	40	1.15				GSA100R77	0.23	4994	5769	40			1.30	GSAF100R77	0.28	2639	4606	20			0.95	GS87R57	0.34	2218	3872	26			1.15	GSF87R57	0.38	2047	3475	26			1.25	GSA87R57	0.45	1732	2905	27			1.40	GSAF87R57	0.51	1541	2586	27			1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																															
5.1	115	257	5.4	1.40	GSA47R17	5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9			0.95	GS37R17	8.3	86			158	2.9	1.05	GSF37R17	9.1	78			144	2.9	1.05	GSA37R17	11	65			118	2.9	1.15	GSAF37R17	12	61			110	2.9	1.15		6.5	93			201.00	5.4	1.55		7.1	86			184.80	5.4	1.60	GS47	8.3	75			158.12	5.5	1.65	GSF47	9.6	65			137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75		GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226				40	1.05	GSF100R77				0.20	5677	6557				40	1.15	GSA100R77	0.23	4994			5769	40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732			2905	27	1.40	GSAF87R57	0.51	1541			2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																					
5.7	136	229	5.3	1.30	GSAF47R17	6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9			0.95	GS37R17	8.3	86			158	2.9	1.05	GSF37R17			9.1	78	144	2.9	1.05	GSA37R17			11	65	118	2.9	1.15	GSAF37R17			12	61	110	2.9	1.15				6.5	93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60	GS47			8.3	75	158.12	5.5	1.65	GSF47			9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75		GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226				40	1.05	GSF100R77				0.20	5677	6557				40	1.15	GSA100R77			0.23	4994	5769	40	1.30	GSAF100R77			0.28	2639	4606	20	0.95	GS87R57			0.34	2218	3872	26	1.15	GSF87R57			0.38	2047	3475	26	1.25	GSA87R57			0.45	1732	2905	27	1.40	GSAF87R57			0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																											
6.6	119	200	5.3	1.35		7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9			0.95	GS37R17	8.3	86			158	2.9	1.05	GSF37R17			9.1	78	144	2.9			1.05	GSA37R17	11	65	118	2.9			1.15	GSAF37R17	12	61	110	2.9			1.15		6.5	93	201.00	5.4			1.55		7.1	86	184.80	5.4			1.60	GS47	8.3	75	158.12	5.5			1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75		GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226				40	1.05	GSF100R77				0.20	5677	6557				40	1.15	GSA100R77	0.23			4994	5769	40			1.30	GSAF100R77	0.28	2639	4606	20			0.95	GS87R57	0.34	2218	3872	26			1.15	GSF87R57	0.38	2047	3475	26			1.25	GSA87R57	0.45	1732	2905	27			1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																	
7.0	112	187	5.4	1.40		6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P	7.3	96	179	2.9			0.95	GS37R17	8.3	86			158	2.9	1.05	GSF37R17			9.1	78	144	2.9			1.05	GSA37R17	11	65			118	2.9	1.15	GSAF37R17	12	61			110	2.9	1.15		6.5	93			201.00	5.4	1.55		7.1	86			184.80	5.4	1.60	GS47	8.3	75			158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75		GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226				40	1.05	GSF100R77				0.20	5677	6557				40	1.15	GSA100R77	0.23			4994	5769	40	1.30			GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732			2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																							
6.5	108	202	2.9	0.85		23	33	55.93	2.9	1.50	GS37 GSF37 GSA37 GSAF37	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
7.3	96	179	2.9	0.95	GS37R17	8.3	86	158	2.9	1.05			GSF37R17	9.1	78	144			2.9	1.05	GSA37R17	11			65	118	2.9	1.15			GSAF37R17	12	61	110			2.9	1.15		6.5			93	201.00	5.4	1.55				7.1	86	184.80	5.4	1.60			GS47	8.3	75	158.12	5.5	1.65			GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P	0.18	6256	7226	40	1.05	GSF100R77	0.20	5677	6557	40	1.15		GSA100R77	0.23	4994	5769	40				1.30	GSAF100R77	0.28				2639	4606	20	0.95			GS87R57	0.34	2218	3872			26	1.15	GSF87R57	0.38			2047	3475	26	1.25			GSA87R57	0.45	1732			2905	27	1.40	GSAF87R57	0.51	1541			2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																													
8.3	86	158	2.9	1.05	GSF37R17	9.1	78	144	2.9	1.05			GSA37R17	11	65	118			2.9	1.15	GSAF37R17	12			61	110	2.9	1.15				6.5	93	201.00			5.4	1.55		7.1			86	184.80	5.4	1.60			GS47	8.3	75	158.12	5.5	1.65			GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05			GSF100R77	0.20	5677	6557	40	1.15	GSA100R77	0.23	4994	5769	40		1.30	GSAF100R77	0.28	2639	4606				20	0.95	GS87R57	0.34			2218	3872	26	1.15			GSF87R57	0.38	2047	3475			26	1.25	GSA87R57	0.45			1732	2905	27	1.40			GSAF87R57	0.51	1541			2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																					
9.1	78	144	2.9	1.05	GSA37R17	11	65	118	2.9	1.15			GSAF37R17	12	61	110			2.9	1.15		6.5			93	201.00	5.4	1.55				7.1	86	184.80			5.4	1.60	GS47	8.3			75	158.12	5.5	1.65			GSF47	9.6	65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40			1.15	GSA100R77	0.23	4994	5769	40	1.30	GSAF100R77	0.28	2639	4606		20	0.95	GS87R57	0.34	2218	3872			26	1.15	GSF87R57	0.38			2047	3475	26	1.25			GSA87R57	0.45	1732	2905			27	1.40	GSAF87R57	0.51			1541	2586	27	1.55				0.56	1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																													
11	65	118	2.9	1.15	GSAF37R17	12	61	110	2.9	1.15				6.5	93	201.00			5.4	1.55		7.1			86	184.80	5.4	1.60			GS47	8.3	75	158.12			5.5	1.65	GSF47	9.6			65	137.05	5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769			40	1.30	GSAF100R77	0.28	2639	4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475			26	1.25	GSA87R57	0.45			1732	2905	27	1.40			GSAF87R57	0.51	1541	2586			27	1.55		0.56			1408	2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																					
12	61	110	2.9	1.15		6.5	93	201.00	5.4	1.55				7.1	86	184.80			5.4	1.60	GS47	8.3			75	158.12	5.5	1.65			GSF47	9.6	65	137.05			5.5	1.80	GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218	3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732			2905	27	1.40	GSAF87R57			0.51	1541	2586	27			1.55		0.56	1408			2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																												
6.5	93	201.00	5.4	1.55		7.1	86	184.80	5.4	1.60			GS47	8.3	75	158.12			5.5	1.65	GSF47	9.6			65	137.05	5.5	1.80			GSA47	10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047	3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541			2586	27	1.55				0.56	1408	2335	27			1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																				
7.1	86	184.80	5.4	1.60	GS47	8.3	75	158.12	5.5	1.65			GSF47	9.6	65	137.05			5.5	1.80	GSA47	10			62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732	2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408			2335	27	1.60				0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																												
8.3	75	158.12	5.5	1.65	GSF47	9.6	65	137.05	5.5	1.80			GSA47	10	62	128.10			5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732			2905	27	1.40	GSAF87R57	0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64	1254			2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																																				
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10	62	128.10	5.5	1.80	GSAF47	12	54	110.73	5.5	1.90		0.16	7238	8360	40	0.90	GS100R77	4P	35	23	37.66	2.9	1.75	GS37 GSF37 GSA37 GSAF37	4P		0.18	6256	7226	40	1.05				GSF100R77	0.20	5677	6557	40				1.15	GSA100R77	0.23	4994	5769				40	1.30	GSAF100R77	0.28	2639			4606	20	0.95	GS87R57	0.34	2218			3872	26	1.15	GSF87R57	0.38	2047			3475	26	1.25	GSA87R57	0.45	1732			2905	27	1.40	GSAF87R57	0.51	1541			2586	27	1.55		0.56	1408			2335	27	1.60		0.64	1254	2054	28	1.70		0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																		
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0.51	1541	2586	27	1.55		0.56	1408	2335	27	1.60		0.64			1254	2054	28	1.70				0.72	1127	1824	28	1.80		0.80	1020	1631	28	1.85		0.93	1179	1404	11	1.10	GS77R37	1.1	1062	1245	13	1.20	GSF77R37	1.2	938	1100	13	1.35	GSA77R37	1.4	826	954	14	1.50	GSAF77R37	1.6	730	837	14	1.60		1.8	622	714	15	1.70		2.1	559	637	15	1.80		2.3	507	574	15	1.90		1.6	694	809	4.9	0.85		1.8	615	712	7.7	0.95	GS67R37	2.1	535	615	8.5	1.10	GSF67R37	2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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2.4	475	543	8.9	1.20	GSA67R37	2.8	413	469	9.3	1.40	GSAF67R37	3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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3.1	375	424	9.5	1.50		3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
3.6	325	365	10	1.60		3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
3.0	372	438	6.3	0.85		3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
3.4	332	388	6.7	0.90		3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
3.9	290	336	7.0	1.05	GS57R17	4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
4.5	255	294	7.2	1.20	GSF57R17	4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
4.9	234	269	7.3	1.30	GSA57R17	5.7	201	229	7.5	1.40	GSAF57R17	6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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6.4	180	204	7.6	1.50		7.0	166	187	7.6	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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选型参数表
(恒功率)

Selection Table
(Constant Power)

n_a [r/min]	M_a [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole
0.18kW							0.25kW						
4.5	231	294	4.7	0.80			0.20	7766	6557	40	0.85	GS100R77	
5.1	173	257	5.1	1.10			0.23	6832	5769	40	0.95	GSF100R77	4P
5.7	204	229	4.9	0.95	GS47R17		0.27	5873	4958	40	1.10	GSA100R77	
6.6	179	200	5.1	1.05	GSF47R17	4P	0.31	5126	4328	40	1.25	GSAF100R77	
7.0	168	187	5.1	1.10	GSA47R17		0.46	2405	2905	23	0.85		
7.9	149	165	5.2	1.20	GSAF47R17		0.51	2141	2586	26	1.00	GS87R57	
8.9	134	148	5.3	1.25			0.57	1956	2335	27	1.10	GSF87R57	
10	120	131	5.3	1.35			0.65	1741	2054	27	1.30	GSA87R57	4P
					GS67		0.73	1565	1824	27	1.45	GSAF87R57	
3.9	247	217.41	10	1.80	GSF67	6P	0.82	1417	1631	28	1.60		
4.5	219	190.11	10	1.90	GSA67		1.4	848	930	28	2.05		
4.7	208	180.60	10	1.95	GSAF67		1.4	1148	954	11	1.00		
4.2	229	201.00	7.3	1.35	GS57		1.6	1013	837	13	1.15	GS77R37	
4.6	210	184.80	7.4	1.40	GSF57	6P	1.9	864	714	14	1.35	GSF77R37	4P
5.4	180	158.12	7.5	1.50	GSA57		2.1	776	637	14	1.55	GSA77R37	
6.2	160	137.05	7.6	1.55	GSAF57		2.3	704	574	14	1.60	GSAF77R37	
6.5	144	201.00	7.6	1.65	GS57		2.7	616	499	15	1.70		
7.1	136	184.80	7.6	1.70	GSF57	4P	2.4	660	543	7.0	0.90		
8.3	116	158.12	7.7	1.80	GSA57		2.8	574	469	8.1	1.00	GS67R37	
9.6	102	137.05	7.8	1.90	GSAF57		3.1	521	424	8.5	1.10	GSF67R37	4P
4.2	212	201.00	4.8	0.85	GS47		3.6	451	365	8.9	1.30	GSA67R37	
4.6	195	184.80	4.9	0.90	GSF47	6P	4.2	397	319	9.3	1.40	GSAF67R37	
5.4	175	158.12	5.1	1.00	GSA47		4.7	354	281	9.5	1.50		
6.2	152	137.05	5.1	1.10	GSAF47		4.5	355	294	6.4	0.85		
6.6	146	128.10	5.2	1.20			4.9	326	269	6.6	0.95	GS57R17	
6.5	140	201.00	5.2	1.20			5.8	279	229	7.0	1.10	GSF57R17	4P
7.1	128	184.80	5.2	1.30			6.5	250	204	7.2	1.20	GSA57R17	
8.3	113	158.12	5.3	1.35			7.1	230	187	7.3	1.30	GSAF57R17	
9.6	98	137.05	5.3	1.45	GS47		8.1	206	165	7.4	1.40		
10	93	128.10	5.4	1.50	GSF47	4P	10	166	131	7.6	1.50		
12	82	110.73	5.4	1.55	GSA47		2.9	432	217.41	8.9	1.20	GS67	
14	70	94.08	5.5	1.65	GSAF47		3.4	390	190.11	9.2	1.35	GSF67	8P
16	64	84.00	5.5	1.75			3.5	370	180.60	9.3	1.45	GSA67	
18	55	71.75	5.5	1.85			4.0	329	158.45	9.5	1.55	GSAF67	
19	66	69.39	5.5	1.70			3.9	343	217.41	9.4	1.50	GS67	
8.3	108	157.43	2.8	0.85			4.5	304	190.11	10	1.60	GSF67	6P
9.1	99	144.40	2.8	0.90			4.7	289	180.60	10	1.65	GSA67	
11	87	122.94	2.8	1.00			5.4	257	158.45	10	1.75	GSAF67	
12	75	106.00	2.8	1.05			6.1	221	217.41	10	1.85		
13	71	98.80	2.8	1.05			7.0	196	190.11	10	1.95	GS67	
15	62	86.36	2.8	1.15			7.4	186	180.60	10	2.00	GSF67	4P
16	59	80.96	2.8	1.15			8.4	166	158.45	10	2.10	GSA67	
18	53	71.44	2.8	1.20			10	143	134.40	10	2.20	GSAF67	
21	47	63.33	2.8	1.25			11	131	121.33	10	2.30		
23	49	55.93	2.8	1.20			12	117	106.75	10	2.40		
26	46	51.30	2.8	1.25	GS37		4.2	318	201.00	6.7	0.95	GS57	
30	39	43.68	2.8	1.35	GSF37	4P	4.6	292	184.80	6.9	1.00	GSF57	
35	34	37.66	2.8	1.40	GSA37		5.4	250	158.12	7.1	1.20	GSA57	6P
37	32	35.10	2.8	1.45	GSAF37		6.2	222	137.05	7.3	1.35	GSAF57	
43	28	30.68	2.8	1.50			6.6	208	128.10	7.4	1.35		
46	26	28.76	2.8	1.55			6.6	200	201.00	7.3	1.40		
52	23	25.38	2.8	1.60			7.2	189	184.80	7.4	1.45		
58	21	22.50	2.8	1.70			8.4	161	158.12	7.5	1.55	GS57	
68	18	19.13	2.8	1.80			9.7	142	137.05	7.6	1.60	GSF57	4P
69	19	18.85	2.8	1.75			10	134	128.10	7.6	1.65	GSA57	
79	17	16.48	2.7	1.80			12	118	110.73	7.7	1.75	GSAF57	
85	16	15.45	2.6	1.85			14	102	94.08	7.8	1.85		
96	14	13.63	2.5	1.95			16	92	84.00	7.8	1.95		
108	13	12.08	2.5	2.00			19	80	71.75	7.8	2.00		
128	11	10.27	2.4	2.15									

选型参数表
(恒功率)
Selection Table
(Constant Power)

n_a [r/min]	M_a [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 PoLe	n_a [r/min]	M_a [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 PoLe	
0.25kW							0.37kW							
6.6	194	201.00	4.9	0.80			1.9	1279	714	11	1.00			
7.2	178	184.80	4.9	0.85			2.1	1149	637	12	1.15	GS77R37	4P	
8.4	157	158.12	5.1	1.00			2.3	1042	574	13	1.25	GSF77R37		
9.7	136	137.05	5.2	1.10			2.7	912	499	14	1.35	GSA77R37		
10	129	128.10	5.2	1.20			3.0	805	438	14	1.50	GSAF77R37		
12	113	110.73	5.3	1.35			3.4	715	389	15	1.60			
14	98	94.08	5.3	1.40			3.6	668	365	7.3	0.85	GS67R37	4P	
16	89	84.00	5.4	1.45	GS47	4P	4.2	588	319	8.1	1.00	GSF67R37		
19	77	71.75	5.4	1.55	GSF47		4.7	523	281	8.6	1.10	GSA67R37		
19	92	69.39	5.4	1.40	GSA47		5.4	461	246	9.0	1.25	GSAF67R37		
20	73	67.20	5.5	1.60	GSAF47							GS87		8P
21	84	63.80	5.4	1.45				2.3	843	288.00	28	2.00	GSF87	
24	73	54.59	5.4	1.55			2.6	766	258.18	28	2.10	GSA87		
28	63	47.32	5.5	1.65			3.0	669	222.40	28	2.25	GSAF87		
30	58	44.22	5.5	1.70			2.9	661	225.26	14	1.65	GS77	8P	
35	52	38.23	5.5	1.80			3.1	628	214.00	15	1.65	GSF77		
41	44	32.48	5.5	1.90			3.5	563	189.09	15	1.75	GSA77		
46	40	29.00	5.5	2.00			4.1	487	161.60	15	1.90	GSAF77		
13	98	98.80	2.8	0.85								GS77		6P
15	86	86.36	2.8	0.90			3.5	570	256.47	15	1.75	GSF77		
16	82	80.96	2.8	0.95			4.0	514	225.26	15	1.85	GSA77		
19	73	71.44	2.8	1.00			4.2	489	214.00	15	1.90	GSAF77		
21	66	63.33	2.8	1.05			4.1	487	217.41	8.4	1.10	GS67	6P	
24	68	55.93	2.8	1.05			4.7	432	190.11	8.8	1.25	GSF67		
26	63	51.30	2.8	1.05			4.9	416	180.60	8.9	1.35	GSA67		
30	54	43.68	2.8	1.15			5.6	370	158.45	9.2	1.45	GSAF67		
35	47	37.66	2.8	1.20	GS37	4P	6.1	328	217.41	9.4	1.50			
38	44	35.10	2.8	1.20	GSF37		7.0	290	190.11	10	1.60	GS67		
43	39	30.68	2.8	1.30	GSA37		7.4	276	180.60	10	1.65	GSF67		
46	37	28.76	2.8	1.30	GSAF37		8.4	246	158.45	10	1.70	GSA67		
52	33	25.38	2.8	1.40				9.9	211	134.40	10	1.85	GSAF67	
59	29	22.50	2.8	1.45			11	194	121.33	10	1.90			
70	25	19.13	2.7	1.60			5.6	355	158.12	6.2	0.80		6P	
71	27	18.85	2.7	1.50			6.5	316	137.05	6.6	0.95	GS57		
81	24	16.48	2.6	1.60			6.9	296	128.10	6.7	1.00	GSF57		
86	22	15.45	2.6	1.65			8.0	263	110.37	7.0	1.10	GSA57		
98	20	13.63	2.5	1.70			9.4	226	94.08	7.2	1.30	GSAF57		
110	17	12.08	2.4	1.80			11	205	84.00	7.4	1.35			
130	15	10.27	2.3	1.85			6.6	295	201.00	6.7	0.95		4P	
95	19	28.76	2.6	1.70			7.2	279	184.80	6.9	1.05			
107	17	25.38	2.5	1.75			8.4	239	158.12	7.1	1.20			
121	15	22.50	2.4	1.85			9.7	210	137.05	7.3	1.35			
142	13	19.13	2.3	1.95	GS37	2P	10	199	128.10	7.4	1.35	GS57		
144	14	18.85	2.2	1.90	GSF37		12	175	110.73	7.5	1.45	GSF57		
165	12	16.48	2.2	2.00	GSA37		14	150	94.08	7.6	1.50	GSA57		
176	11	15.45	2.1	2.05	GSAF37		16	136	84.00	7.7	1.60	GSAF57		
200	10	13.63	2.1	2.15				19	118	71.75	7.7	1.70		
225	9	12.08	2.0	2.20				19	135	69.39	7.7	1.60		
0.37kW							20	112	67.20	7.7	1.70			
0.31	7586	4328	40	0.85	GS100R77		4P	21	124	63.80	7.7	1.65		
0.41	5685	3243	40	1.15	GSF100R77			24	104	54.59	7.7	1.80		
0.53	4434	2530	40	1.45	GSA100R77			10	202	137.05	4.9	0.80		
0.60	3870	2208	40	1.55	GSAF100R77	10		191	128.10	4.9	0.85			
0.68	3418	1950	40	1.65				12	168	110.73	5.1	0.95	GS47	
0.65	2577	2054	24	1.00			14	145	94.08	5.2	1.10	GSF47		
0.73	2316	1824	26	1.10	GS87R57	4P	16	131	84.00	5.2	1.20	GSA47		
0.82	2097	1631	27	1.20	GSF87R57		19	114	71.75	5.3	1.30	GSAF47		
1.4	1255	930	28	1.70	GSA87R57		19	136	69.39	5.2	1.15			
1.6	1136	831	28	1.75	GSAF87R57		20	107	67.20	5.3	1.30			

选型参数表
(恒功率)

Selection Table
(Constant Power)

n_a [r/min]	Ma [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	Ma [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole
0.37kW							0.55kW						
21	125	63.80	5.2	1.20			5.7	686	246	6.3	0.85	GS67R37	
24	108	54.59	5.3	1.30			6.3	623	221	7.7	0.95	GSF67R37	4P
28	93	47.32	5.1	1.35			7.0	560	198	8.2	1.05	GSA67R37	
30	86	44.22	5.1	1.40			8.3	478	168	8.8	1.20	GSAF67R37	
35	77	38.23	4.9	1.45	GS47							GS87	
41	66	32.48	4.7	1.55	GSF47	4P	2.3	1254	288.00	28	1.65	GSF87	8P
46	59	29.00	4.6	1.65	GSA47		2.6	1139	258.18	28	1.70	GSA87	
54	51	24.77	4.4	1.70	GSAF47		3.0	994	222.40	28	1.85	GSAF87	
57	48	23.20	4.3	1.75			3.1	975	288.00	28	1.85	GS87	
68	41	19.54	4.0	1.90			3.4	886	258.18	28	1.95	GSF87	6P
75	38	17.80	3.8	2.00			4.0	773	222.40	28	2.05	GSA87	
88	33	15.12	3.8	2.10			4.4	716	202.96	28	2.10	GSAF87	
21	97	63.33	2.8	0.85			2.9	983	225.26	13	1.15	GS77	
26	94	51.30	2.8	0.85			3.1	934	214.00	13	1.20	GSF77	8P
30	80	43.68	2.8	0.95			3.5	848	189.09	13	1.35	GSA77	
35	69	37.66	2.8	1.00			4.1	725	161.60	14	1.55	GSAF77	
38	65	35.10	2.8	1.00			3.5	847	256.47	13	1.35	GS77	
43	58	30.68	2.8	1.05			4.0	765	225.26	14	1.50	GSF77	6P
46	54	28.76	2.8	1.10			4.2	726	214.00	14	1.55	GSA77	
52	48	25.38	2.8	1.20	GS37		4.7	651	189.09	14	1.60	GSAF77	
59	43	22.50	2.7	1.20	GSF37	4P	5.5	564	161.60	15	1.70		
70	37	19.13	2.5	1.30	GSA37		5.4	570	256.47	15	1.70	GS77	
71	40	18.85	2.4	1.25	GSAF37		6.2	508	225.26	15	1.80	GSF77	4P
81	35	16.48	2.4	1.30			6.5	482	214.00	15	1.85	GSA77	
86	33	15.45	2.4	1.35			7.4	432	189.09	15	1.95	GSAF77	
98	29	13.63	2.3	1.40			8.6	375	161.60	15	2.05		
110	26	12.08	2.3	1.40			6.4	487	217.41	8.2	1.00	GS67	
130	22	10.27	2.2	1.50			7.3	432	190.11	8.7	1.10	GSF67	4P
139	21	9.57	2.1	1.55			7.7	410	180.60	8.8	1.15	GSA67	
176	17	7.57	2.0	1.70			8.8	365	158.45	9.1	1.30	GSAF67	
108	25	25.38	2.4	1.45			10	314	134.40	9.4	1.50		
122	23	22.50	2.3	1.50			11	288	121.33	10	1.55		
143	20	19.13	2.2	1.60			13	257	106.75	10	1.65		
145	20	18.85	2.1	1.55	GS37		14	245	100.80	10	1.65		
166	18	16.48	2.1	1.65	GSF37	2P	16	212	85.83	10	1.75	GS67	
177	17	15.45	2.1	1.65	GSA37		19	232	75.06	10	1.70	GSF67	4P
201	15	13.63	2.0	1.75	GSAF37		21	204	65.63	10	1.75	GSA67	
227	13	12.08	1.9	1.80			22	185	62.35	10	1.85	GSAF67	
267	11	10.27	1.8	1.95			25	163	54.70	10	1.95		
286	11	9.57	1.8	2.00			30	140	46.40	10	2.05		
0.55kW							33	127	41.89	10	2.20		
0.55	6307	2530	40	1.05	GS100R77		9.5	336	94.08	6.4	0.85		
0.63	5505	2208	40	1.20	GSF100R77	4P	11	305	84.00	6.7	0.95		
0.71	4861	1950	40	1.35	GSA100R77		12	264	71.75	7.0	1.10	GS57	6P
0.79	4411	1769	40	1.45	GSAF100R77		13	247	67.20	7.1	1.15	GSF57	
0.91	3791	1521	40	1.55			16	244	54.59	7.1	1.10	GSA57	
1.0	2545	1332	24	0.90			19	215	47.32	7.3	1.30	GSAF57	
1.2	2276	1191	26	1.00			20	201	44.22	7.4	1.35		
1.3	2097	1032	27	1.15	GS87R57		23	175	38.23	7.5	1.40		
1.5	1890	930	27	1.25	GSF87R57	4P	8.8	355	158.12	6.0	0.80		
1.7	1689	831	27	1.35	GSA87R57		10	312	137.05	6.5	0.90		
1.9	1461	719	28	1.55	GSAF87R57		11	296	128.10	6.7	0.95		
2.2	1327	624	28	1.60			13	259	110.73	7.0	1.10		
2.5	1186	558	28	1.70			15	224	94.08	7.2	1.25	GS57	4P
3.2	950	435	28	1.90			17	203	84.00	7.3	1.30	GSF57	
2.8	1364	499	6.6	0.90			19	176	71.75	7.5	1.40	GSA57	
3.2	1197	438	12	1.05	GS77R37	4P	21	166	67.20	7.5	1.40	GSAF57	
3.6	1063	389	13	1.15	GSF77R37		25	159	54.59	7.6	1.45		
4.3	894	327	14	1.35	GSA77R37		29	139	47.32	7.6	1.55		
4.8	816	289	14	1.45	GSAF77R37		31	131	44.22	7.7	1.55		
5.6	706	250	15	1.55			36	114	38.23	7.7	1.65		

选型参数表
(恒功率)

Selection Table
(Constant Power)

n_a [r/min]	M_a [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole
0.55kW							0.75kW						
43	97	32.48	7.6	1.75	GS57	4P	1.3	2860	1032	18	0.90		
48	88	29.00	7.3	1.85	GSF57		1.5	2577	930	25	1.00		
56	76	24.77	7.0	1.95	GSA57		1.7	2303	831	26	1.10	GS87R57	4P
60	71	23.20	6.9	2.00	GSAF57		1.9	1992	719	27	1.25	GSF87R57	
71	60	19.54	6.4	2.10			2.2	1809	624	27	1.40	GSA87R57	
						2.5	1618	558	27	1.45	GSAF87R57		
						3.2	1296	435	28	1.60			
17	195	84.00	4.9	0.80			4.3	989	323	28	1.85		
19	169	71.75	5.0	0.95			4.3	1219	327	11	1.05	GS77R37	4P
21	160	67.20	5.1	1.00			4.8	1113	289	12	1.15	GSF77R37	
25	161	54.59	4.9	0.95			5.6	962	250	13	1.30	GSA77R37	
29	138	47.32	4.8	1.10			6.3	843	219	14	1.40	GSAF77R37	
31	129	44.22	4.7	1.15									
36	114	38.32	4.6	1.20			2.4	1845	286.40	34	1.90	GS97	8P
43	98	32.48	4.4	1.30	GS47	2.6	1709	262.22	34	1.95	GSF97		
48	88	29.00	4.3	1.30	GSF47	3.0	1528	231.67	35	2.05	GSA97		
56	76	24.77	4.2	1.40	GSA47	3.2	1293	288.00	28	1.60	GSAF97		
60	71	23.20	4.1	1.45	GSAF47	3.5	1174	258.18	28	1.65	GS87		
71	60	19.54	3.7	1.55			4.1	1026	222.40	28	1.80	GSF87	6P
78	57	17.80	3.6	1.65			4.5	949	202.96	28	1.85	GSA87	
92	49	15.12	3.6	1.75			4.8	894	288.00	28	1.90	GSAF87	
103	44	13.50	3.4	1.80			5.4	802	258.18	28	2.00	GS87	
121	38	11.53	3.3	1.90			6.3	700	222.40	28	2.10	GSF87	
129	35	10.80	3.2	1.95			6.8	648	202.96	28	2.20	GSA87	4P
153	30	9.10	3.1	2.10			4.0	1014	225.26	12	1.10	GS77	
173	27	8.04	3.1	2.15			4.3	963	214.00	12	1.15	GSF77	
							4.8	875	189.09	13	1.30	GSA77	
							5.6	759	161.60	14	1.45	GSAF77	
45	86	30.68	2.5	0.80			5.4	777	256.47	14	1.45		
48	80	28.76	2.5	0.85			6.2	692	225.26	14	1.55		
55	72	25.38	2.5	0.95			6.5	658	214.00	14	1.60	GS77	4P
62	64	22.50	2.5	1.00			7.4	590	189.09	15	1.65	GSF77	
73	55	19.13	2.4	1.05	GS37	8.6	511	161.60	15	1.75	GSA77		
74	59	18.85	2.4	1.05	GSF37	9.4	476	148.15	15	1.80	GSAF77		
84	52	16.48	2.2	1.10	GSA37	11	424	130.00	15	1.90			
90	49	15.45	2.1	1.10	GSAF37	11	405	123.20	15	1.95			
102	43	13.63	2.1	1.15			13	357	107.83	15	2.05		
115	38	12.08	2.1	1.20			7.3	660	190.11	7.2	0.80		
135	33	10.27	2.0	1.30			7.7	627	180.60	7.5	0.85		
145	31	9.57	2.0	1.30			8.8	498	158.45	8.1	1.00		
184	25	7.57	1.9	1.45			10	428	134.40	8.7	1.15		
							11	392	121.33	9.0	1.25	GS67	4P
95	42	28.76	2.3	1.15			13	350	106.75	9.3	1.40	GSF67	
108	38	25.38	2.2	1.20	GS37	14	334	100.80	9.4	1.40	GSA67		
122	34	22.50	2.2	1.25	GSF37	16	289	85.83	10	1.50	GSAF67		
143	29	19.13	2.0	1.30	GSA37	19	299	75.06	10	1.50			
145	30	18.85	2.0	1.30	GSAF37	21	263	65.63	10	1.55			
166	26	16.48	1.9	1.35			22	252	62.35	10	1.60		
177	25	15.45	1.9	1.35			25	223	54.70	10	1.65		
201	22	13.63	1.9	1.45			30	190	46.40	9.3	1.80		
227	20	12.08	1.7	1.50									
267	17	10.27	1.7	1.60			13	350	71.75	6.1	0.80	GS57	6P
286	16	9.57	1.6	1.60			14	328	67.20	6.3	0.85	GSF57	
362	13	7.57	1.6	1.75			16	284	56.61	6.8	1.00	GSA57	
							19	285	47.32	6.8	0.90	GSAF57	
							21	266	44.22	6.9	1.00		
0.75kW							0.75kW						
0.63	7506	2208	40	0.85			13	354	110.73	6.1	0.80		
0.71	6628	1950	40	1.00	GS100R77	4P	15	305	94.08	6.6	0.95		
0.79	6015	1769	40	1.05	GSF100R77		17	276	84.00	6.8	1.05	GS57	4P
0.91	5170	1521	40	1.25	GSA100R77		19	240	71.75	7.1	1.15	GSF57	
1.05	4513	1327	40	1.45	GSAF100R77		21	226	67.20	7.2	1.20	GSA57	
1.23	3827	1126	40	1.55			25	217	54.59	7.3	1.25	GSAF57	
1.1	4323	1223	20	0.85			29	189	47.32	7.4	1.30		
1.3	3804	1070	29	1.00			31	178	44.22	7.5	1.35		
1.5	3319	928	32	1.15	GS97R57		36	155	38.23	7.6	1.40		
1.7	2965	824	33	1.30	GSF97R57								
1.9	2117	714	34	1.75	GSA97R57								
2.2	2280	626	34	1.70	GSAF97R57								
2.6	1960	538	34	1.85									
2.9	1789	484	34	1.95									

选型参数表
(恒功率)
Selection Table
(Constant Power)

n_a [r/min]	Ma [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	Ma [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole
0.75kW							1.1kW						
43	133	32.48	7.3	1.50			2.5	2517	271.63	40	1.90	GS100	
48	120	29.00	7.1	1.55			3.0	2167	229.96	38	2.00	GSF100	8P
56	103	24.77	6.8	1.65	GS57		3.2	2008	212.81	37	2.10	GSA100	
60	97	23.20	6.7	1.70	GSF57	4P	3.6	1806	190.74	36	2.20	GSAF100	
71	82	19.54	6.2	1.80	GSA57		2.4	2706	286.40	33	1.40	GS97	
78	78	17.80	5.9	1.85	GSAF57		2.6	2507	262.22	33	1.50	GSF97	8P
92	67	15.12	5.9	2.00			3.0	2241	231.67	34	1.70	GSA97	
103	60	13.50	5.6	2.05			3.5	1924	196.52	34	1.80	GSF97	
29	188	47.32	4.3	0.80								GS97	
31	175	44.22	4.3	0.85			3.2	2070	286.40	34	1.75	GSF97	6P
36	156	38.23	4.2	1.00			3.5	1918	262.22	34	1.80	GSA97	
43	133	32.48	4.1	1.10			3.9	1715	231.67	34	1.90	GSAF97	
48	120	29.00	4.0	1.15			3.2	1896	288.00	27	1.10	GS87	
56	104	24.77	3.9	1.20			3.5	1723	258.00	27	1.20	GSF87	6P
60	97	23.20	3.9	1.25	GS47	4P	4.1	1504	222.40	27	1.35	GSA87	
71	82	19.54	3.4	1.30	GSF47		4.5	1392	202.96	28	1.45	GSAF87	
78	78	17.80	3.4	1.40	GSA47		4.9	1302	288.00	28	1.55		
92	66	15.12	3.3	1.50	GSAF47		5.4	1167	258.18	28	1.65	GS87	4P
103	60	13.50	3.2	1.55			6.3	1020	222.40	28	1.75	GSF87	
121	51	11.53	3.1	1.65			6.9	944	202.96	28	1.80	GSA87	
129	48	10.80	3.1	1.70			7.8	850	180.00	28	1.90	GSAF87	
153	41	9.10	3.0	1.80			9.3	731	151.30	28	2.00		
173	36	8.04	2.9	1.85			6.2	1008	225.26	12	1.10		
73	75	19.13	2.2	0.85			6.5	958	214.00	13	1.15		
102	59	13.63	1.9	0.85	GS37	4P	7.4	859	189.09	13	1.35		
115	52	12.08	1.8	0.95	GSF37		8.7	745	161.60	14	1.45	GS77	4P
135	45	10.27	1.8	1.00	GSA37		9.4	693	148.15	14	1.50	GSF77	
145	42	9.57	1.8	1.10	GSAF37		11	617	130.00	15	1.60	GSA77	
184	34	7.57	1.8	1.25			11	590	123.20	15	1.60	GSAF77	
148	39	19.13	2.0	1.10			13	525	107.83	15	1.70		
208	30	13.63	1.7	1.25	GS37	2P	14	477	97.14	15	1.75		
234	27	12.08	1.7	1.30	GSF37		16	425	85.22	15	1.85		
276	23	10.27	1.7	1.35	GSA37		12	572	121.33	7.4	0.85		
296	21	9.57	1.6	1.40	GSAF37		13	510	106.75	8.1	0.95		
374	17	7.57	1.6	1.50			14	486	100.80	8.3	1.00		
1.1kW							16	420	85.83	8.8	1.15		
0.9	7529	1521	40	0.85			18	385	78.00	9.1	1.30	GS67	4P
1.1	6571	1327	40	1.00	GS100R77	4P	21	383	65.63	9.1	1.30	GSF67	
1.2	5574	1126	40	1.15	GSF100R77		22	367	62.35	9.2	1.30	GSA67	
1.4	4872	984	40	1.35	GSA100R77		26	324	54.70	9.1	1.40	GSAF67	
1.6	4275	864	40	1.45	GSAF100R77		30	277	46.40	8.8	1.45		
1.7	4018	812	40	1.50			33	252	41.89	8.6	1.55		
2.0	3408	688	40	1.60			38	223	36.85	8.3	1.60		
1.7	4317	824	22	0.95			40	210	34.80	8.2	1.65		
2.0	3082	714	33	1.35	GS97R57	4P	47	181	29.63	7.9	1.75		
2.2	3320	626	32	1.25	GSF97R57		20	349	71.75	6.2	1.00		
2.6	2854	538	33	1.45	GSA97R57		21	330	67.20	6.4	1.00		
2.9	2605	484	33	1.60	GSAF97R57		25	282	56.61	6.8	1.05		
3.3	2260	420	34	1.70			30	275	47.32	6.9	1.10		
2.2	2635	624	24	0.95			32	259	44.22	7.0	1.10		
2.5	2356	558	26	1.10			37	226	38.23	7.0	1.20		
2.9	1840	485	27	1.35			43	194	32.48	6.8	1.25	GS57	4P
3.2	1887	435	27	1.35	GS87R57		48	174	29.00	6.7	1.30	GSF57	
3.7	1639	378	27	1.45	GSF87R57		57	150	24.77	6.4	1.40	GSA57	
4.3	1303	323	28	1.60	GSA87R57		60	141	23.20	6.3	1.40	GSAF57	
5.0	1134	281	28	1.45	GSAF87R57		72	120	19.54	6.1	1.50		
5.5	1540	255	28	1.45			79	114	17.80	5.6	1.55		
6.3	1349	222	28	1.55			93	97	15.12	5.5	1.65		
6.8	1254	205	28	1.60			104	87	13.50	5.3	1.70		
					GS77R37		121	75	11.53	5.1	1.80		
					GSF77R37		130	70	10.80	5.0	1.85		
					GSA77R37	4P	154	60	9.10	4.8	2.00		
					GSAF77R37								

选型参数表
(恒功率)

Selection Table
(Constant Power)

n_a [r/min]	Ma [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	Ma [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole
1.1kW							1.5kW						
48	175	29.00	3.5	0.95			3.6	2323	258.18	25	0.90	GS87	
57	151	24.77	3.5	1.00			4.2	2029	222.40	26	1.00	GSF87	6P
60	141	23.20	3.5	1.05			4.6	1877	202.96	27	1.10	GSA87	
72	120	19.54	3.4	1.10	GS47		5.2	1689	180.00	27	1.20	GSAF87	
79	113	17.80	2.9	1.15	GSF47		4.9	1775	288.00	27	1.10		
93	97	15.12	2.9	1.25	GSA47	4P	5.4	1592	258.18	27	1.20		
104	87	13.50	2.9	1.30	GSAF47		6.3	1391	222.40	28	1.40		
121	75	11.53	2.8	1.35			6.9	1287	202.96	28	1.55	GS87	
130	70	10.80	2.8	1.40			7.8	1159	180.00	28	1.60	GSF87	4P
154	59	9.10	2.7	1.45			9.3	996	151.30	28	1.75	GSA87	
174	53	8.04	2.7	1.55			10	923	139.05	28	1.80	GSAF87	
					GS37		11	826	123.48	28	1.85		
185	49	7.57	1.5	0.85	GSF37	4P	13	751	110.40	28	1.95		
					GSA37		14	686	99.26	28	2.00		
					GSAF37		7.4	1171	189.09	10	1.10		
208	44	13.63	1.5	0.85			8.7	1016	161.60	12	1.15		
234	39	12.08	1.5	0.90	GS37		9.4	945	148.15	13	1.30		
276	33	10.27	1.5	1.00	GSF37	2P	11	842	130.00	13	1.35		
296	31	9.57	1.5	1.05	GSA37		11	804	123.20	14	1.40		
374	25	7.57	1.4	1.25	GSAF37		13	715	107.83	14	1.45		
1.5kW							14	650	97.14	15	1.50	GS77	
1.2	7600	1126	40	0.85			16	580	85.22	15	1.60	GSF77	4P
1.4	6643	984	40	1.00	GS100R77		19	608	75.09	13	1.50	GSA77	
1.6	5830	864	40	1.10	GSF100R77	4P	20	581	71.33	13	1.55	GSAF77	
1.7	5479	812	40	1.20	GSA100R77		21	468	66.67	14	1.70		
2.0	4647	688	40	1.40	GSAF100R77		22	514	63.03	13	1.65		
2.3	4062	602	40	1.50			25	413	56.92	13	1.80		
2.0	4203	714	28	0.90			26	445	53.87	13	1.75		
2.2	4528	626	18	0.85	GS97R57		28	408	49.38	12	1.80		
2.6	3891	538	30	1.00	GSF97R57	4P	32	362	43.33	12	1.90		
2.9	3552	484	32	1.10	GSA97R57		16	573	85.83	7.5	0.85		
3.3	3082	420	33	1.25	GSAF97R57		18	525	78.00	8.0	0.95		
3.7	2786	376	33	1.40			21	523	65.63	8.1	0.95		
4.3	2435	327	34	1.65			22	500	62.35	8.3	0.95		
2.9	2792	485	16	0.80			26	442	54.70	8.4	1.05	GS67	
3.2	2573	435	25	0.90			30	378	46.40	8.2	1.25	GSF67	4P
3.7	2235	378	26	1.00	GS87R57		33	344	41.89	8.0	1.30	GSA67	
4.3	1777	323	27	1.15	GSF87R57	4P	38	304	36.85	7.8	1.40	GSAF67	
5.0	2315	281	27	1.10	GSA87R57		40	286	34.80	7.8	1.40		
5.5	1993	255	27	1.25	GSAF87R57		47	247	29.63	7.5	1.50		
6.3	1735	222	27	1.35			52	225	26.93	7.4	1.55		
6.8	1637	205	28	1.40			58	209	24.00	6.7	1.60		
2.5	3482	271.63	40	1.60	GS100		65	189	21.67	6.6	1.70		
3.0	2999	229.96	38	1.70	GSF100	8P	73	166	19.06	6.5	1.75	GS67	
3.2	2778	212.81	37	1.75	GSA100		78	158	18.00	6.3	1.80	GSF67	4P
					GSAF100		91	135	15.33	6.1	1.90	GSA67	
3.5	2571	271.63	36	1.85	GS100		101	124	13.93	5.9	1.95	GSAF67	
4.1	2182	229.96	34	2.00	GSF100	6P	43	265	32.48	6.3	0.90		
4.4	2031	212.81	34	2.05	GSA100		48	238	29.00	6.2	1.00		
4.9	1842	190.74	32	2.15	GSAF100		57	205	24.77	6.0	1.15		
2.4	3637	286.40	31	1.05	GS97		60	193	23.20	6.0	1.25	GS57	
2.6	3369	262.22	32	1.15	GSF97	8P	72	164	19.54	5.8	1.30	GSF57	4P
2.9	3012	231.67	33	1.25	GSA97		79	155	17.80	5.2	1.35	GSA57	
3.5	2585	196.52	33	1.45	GSAF97		93	132	15.12	5.1	1.40	GSAF57	
3.3	2792	286.40	33	1.35	GS97		104	119	13.50	5.0	1.45		
3.6	2587	262.22	33	1.45	GSF97	6P	121	102	11.53	4.8	1.55		
4.1	2314	231.67	34	1.65	GSA97		130	96	10.80	4.7	1.60		
4.8	1987	196.52	34	1.75	GSAF97		154	82	9.10	4.6	1.70		
4.9	1903	286.40	34	1.80	GS97		104	118	13.50	2.5	0.85	GS47	
5.3	1764	262.22	34	1.85	GSF97	4P	121	102	11.53	2.5	1.00	GSF47	
6.0	1578	231.67	35	1.95	GSA97		130	95	10.80	2.5	1.10	GSA47	4P
7.1	1356	196.52	35	2.10	GSAF97		154	81	9.10	2.5	1.25	GSAF47	
							174	72	8.04	2.4	1.30		

选型参数表
(恒功率)

Selection Table
(Constant Power)

n_a [r/min]	Ma [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	Ma [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole
1.5kW							2.2kW						
297	43	9.57	1.3	0.85	GS37 GSF37 GSA37 GSAF37	2P	21	683	66.67	13	1.40		
375	34	7.57	1.3	0.90			23	743	63.03	12	1.35	GS77 GSF77 GSA77	4P
2.2kW													
2.1	6672	688	40	1.00	GS100R77 GSF100R77 GSA100R77 GSAF100R77	4P	25	598	56.92	12	1.50		
2.4	5832	602	40	1.10			27	644	53.87	11	1.45	GSAF77	
2.6	5274	544	40	1.25			29	594	49.38	11	1.50		
3.0	4610	476	40	1.40			33	523	43.33	11	1.55		
3.5	4656	409	40	1.40			35	496	41.07	11	1.60		
3.4	4457	420	18	0.90	GS97R57 GSF97R57 GSA97R57 GSAF97R57	4P	40	437	35.94	11	1.65	GS77 GSF77 GSA77	4P
3.8	4028	376	27	1.00			44	397	32.38	10	1.75		
4.4	3522	327	32	1.20			50	351	28.41	10	1.80		
5.0	3124	287	33	1.35			57	312	25.07	10	1.90		
5.7	2772	252	33	1.50			60	303	23.87	9.0	1.95		
3.5	3771	271.63	35	1.50	GS100 GSA100 GSAF100 GSF100	6P	68	267	20.89	8.9	2.05		
4.1	3200	229.96	33	1.65			31	546	46.40	7.1	0.95		
4.4	2979	212.81	33	1.70			34	497	41.89	7.1	1.05		
4.9	2701	190.74	32	1.75			39	439	36.85	7.0	1.15		
5.3	2543	271.63	31	1.80			41	413	34.80	7.0	1.20		
6.2	2205	229.96	30	1.95	GS100 GSF100 GSA100 GSAF100	4P	48	357	29.63	6.8	1.25		
6.7	2066	212.81	29	2.00			53	327	26.93	6.7	1.30		
7.5	1874	190.74	28	2.10			61	286	23.33	6.6	1.35	GS67 GSF67 GSA67 GSAF67	4P
8.3	1713	172.20	27	2.15			66	274	21.67	5.8	1.40		
9.1	1576	156.41	26	2.20			75	242	19.06	5.7	1.45		
3.3	4056	286.40	29	1.00	GS97 GSF97 GSA97 GSAF97	6P	79	229	18.00	5.7	1.50		
3.6	3759	262.22	31	1.30			93	196	15.33	5.6	1.60		
4.1	3321	231.67	32	1.35			103	179	13.93	5.5	1.65		
4.8	2852	196.52	33	1.45			118	156	12.07	5.4	1.70		
5.0	2786	286.40	33	1.45			136	137	10.50	5.3	1.80		
5.5	2551	262.22	33	1.55			156	120	9.17	5.2	1.90		
6.2	2282	231.67	34	1.65			184	103	7.79	5.0	2.00		
7.3	1986	196.52	34	1.75	GS97 GSF97 GSA97 GSAF97	4P	106	172	13.50	4.4	1.00	GS57 GSF57 GSA57 GSAF57	4P
7.9	1828	180.95	34	1.80			124	148	11.53	4.4	1.15		
8.8	1657	161.74	34	1.85			132	139	10.80	4.3	1.20		
9.8	1502	145.60	35	1.95			157	118	9.10	4.2	1.40		
11	1370	131.85	35	2.05			178	105	8.04	4.2	1.45		
12	1231	116.92	35	2.10			3.0kW						
14	1128	105.71	35	2.20			2.6	7192	544	40	0.90	GS100R77 GSF100R77 GSA100R77 GSAF100R77	4p
16	976	89.60	35	2.35			3.0	6286	476	40	1.05		
5.5	2301	258.18	25	1.00			3.5	6349	409	40	1.05		
6.4	2040	222.40	26	1.10			4.1	5458	352	40	1.20		
7.0	1862	202.96	27	1.25			4.7	4764	307	40	1.35		
7.9	1675	180.00	27	1.35			5.0	4260	287	23	1.00	GS97R57 GSF97R57 GSA97R57 GSAF97R57	4P
9.5	1441	151.30	27	1.45			5.7	3780	252	31	1.10		
10	1335	139.05	28	1.50	GS87 GSF87 GSA87 GSAF87	4P	6.5	3285	219	32	1.30		
12	1205	123.48	28	1.55			7.0	3075	205	33	1.35		
13	1086	110.40	28	1.60			3.5	5047	271.63	33	1.30	GS100 GSF100 GSA100 GSAF100	6P
14	992	99.26	28	1.70			4.2	4297	229.96	32	1.40		
17	874	86.15	28	1.75			4.5	3986	212.81	31	1.45		
17	980	81.76	28	1.65			5.0	3606	190.74	30	1.50		
19	802	77.14	28	1.80			5.3	3468	271.63	30	1.55		
20	850	70.43	28	1.75			6.2	3007	229.96	29	1.65	GS100 GSF100 GSA100 GSAF100	4P
22	780	64.27	28	1.80			6.7	2817	212.81	28	1.70		
25	696	57.00	28	1.90			7.5	2556	190.74	27	1.75		
11	1227	130.00	6	1.00			8.3	2336	172.20	26	1.85		
12	1163	123.20	11	1.05	GS77 GSF77 GSA77 GSAF77	4P	9.1	2149	156.41	26	1.90		
13	1035	107.83	12	1.20			5.0	3799	286.40	31	1.05		
15	940	97.14	13	1.25			5.5	3478	262.22	32	1.15	GS97 GSF97 GSA97 GSAF97	4P
17	838	85.22	13	1.30			6.2	3111	231.67	32	1.30		
19	751	75.20	13	1.35			7.3	2708	196.52	33	1.45		
							7.9	2493	180.95	33	1.55		
							8.8	2259	161.74	34	1.60		
							9.8	2048	145.60	34	1.65		

选型参数表
(恒功率)

Selection Table
(Constant Power)

n_a [r/min]	Ma [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 PoLe	n_a [r/min]	Ma [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 PoLe																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
3.0kW							4.0kW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
11	1868	131.85	34	1.75	GS97	4P	6.6	4320	219	21	0.95	GS97R57	4P																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
12	1679	116.92	34	1.80	GSF97		14	1539	105.71	35	1.90	GSA97		16	1331	89.60	35	2.00	GSAF97	18	1333	80.85	35	2.00		7.9	2285	180.00	26	1.00		6P	3.5	6729	271.63	31	1.00	GS100	9.5	1965	151.30	27	1.15		10	1820	139.05	27	1.25		12	1643	123.48	27	1.30		13	1481	110.40	27	1.40		14	1352	99.26	28	1.45		4P	4.2	5730	229.96	30	1.15	GSF100	17	1192	86.15	28	1.50	GS87	17	1336	81.76	28	1.40	GSF87	19	1094	77.14	28	1.55	GSA87	20	1158	70.43	28	1.50	GSAF87	22	1064	64.27	28	1.55		4P	4.5	5315	212.81	30	1.20	GSA100	25	950	57.00	28	1.65		30	801	47.91	28	1.75		32	739	44.03	28	1.80		37	660	39.10	28	1.90		41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100	17	1143	85.22	11	1.05		19	1039	75.20	12	1.15		21	937	66.67	12	1.20		23	1027	63.03	10	1.15	GS77	25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35		27	878	53.87	10	1.25	GSA77	29	810	49.38	10	1.25	GSAF77	33	713	43.33	10	1.35		35	676	41.07	10	1.35		40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45		44	541	32.38	10	1.50		50	478	28.41	10	1.55		57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77	68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50		76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10		130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55		148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10		61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100	66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67	103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57						GSAF57													4P	11	2350	125.93	23	1.80	GSAF100																															4P	13	2060	108.24	22	1.90																																4P	15	1783	94.48	21	2.00																																4P	18	1711	80.13	21	2.10																																4P	21	1552	70.04	20	2.20																																4P	22	1409	65.10	19	2.25																																4P	6.2	4091	231.67	27	1.00																																4P	7.3	3560	196.52	32	1.10																																4P	8.0	3300	180.95	32	1.20																																4P	8.9	2971	161.74	33	1.35																																4P	9.9	2693	145.60	33	1.45	GS97																															4P	11	2456	131.85	34	1.50	GSF97																															4P	12	2208	116.92	34	1.60	GSA97																															4P	14	2023	105.71	34	1.65	GSAF97																															4P	16	1751	89.60	34	1.75																																4P	18	1753	80.85	34	1.75																																4P	20	1568	71.43	35	1.85																																4P	24	1335	60.59	35	1.95																																4P	26	1233	55.79	35	2.00																																4P	12	2160	123.48	26	0.95																																4P	13	1947	110.40	27	1.00																																4P	15	1778	99.26	27	1.10																																4P	17	1580	86.15	27	1.20																																4P	18	1757	81.76	27	0.90																																4P	19	1438	77.14	28	1.25																																4P	20	1523	70.43	27	1.05	GS87																															4P	22	1399	64.27	28	1.14	GSF87																															4P	25	1249	57.00	28	1.30	GSA87																															4P	30	1053	47.91	28	1.50	GSAF87																															4P	33	971	44.03	28	1.55																																4P	37	868	39.10	28	1.65																																4P	41	782	34.96	28	1.70																																4P	46	707	31.43	28	1.80																																4P	53	618	27.28	27	1.85																																4P	60	551	23.92	25	1.95																																4P	25	1072	56.92	10	0.90																																4P	27	1154	53.87	8.8	0.95																																4P	29	1065	49.38	8.9	1.05																																																																																																																																																
14	1539	105.71	35	1.90	GSA97		16	1331	89.60	35	2.00	GSAF97		18	1333	80.85	35	2.00		7.9	2285	180.00	26	1.00		6P	3.5	6729	271.63	31	1.00		GS100	9.5	1965	151.30	27	1.15		10	1820	139.05	27	1.25		12	1643	123.48	27	1.30		13	1481	110.40	27	1.40		14	1352	99.26	28	1.45		4P	4.2	5730	229.96	30		1.15	GSF100	17	1192	86.15	28	1.50	GS87	17	1336	81.76	28	1.40	GSF87	19	1094	77.14	28	1.55	GSA87	20	1158	70.43	28	1.50	GSAF87	22	1064	64.27	28	1.55		4P	4.5	5315	212.81		30	1.20	GSA100	25	950	57.00	28	1.65		30	801	47.91	28	1.75		32	739	44.03	28	1.80		37	660	39.10	28	1.90		41	594	34.96	28	1.95		4P	5.0	4809		190.74	29	1.30	GSAF100	17	1143	85.22	11	1.05		19	1039	75.20	12	1.15		21	937	66.67	12	1.20		23	1027	63.03	10	1.15	GS77	25	815	56.92	11	1.30	GSF77	4P	5.3		4592	271.63	29	1.35		27	878	53.87	10	1.25	GSA77	29	810	49.38	10	1.25	GSAF77	33	713	43.33	10	1.35		35	676	41.07	10	1.35		40	596	35.94	10	1.45		4P		6.3	3981	229.96	28	1.45		44	541	32.38	10	1.50		50	478	28.41	10	1.55		57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77	68	364	20.89	8.2	1.75	GSF77		4P	6.8	3730	212.81	27	1.50		76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10		130	198	11.03	7.5	2.20			4P	7.5	3384	190.74	26	1.55		148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10		61	390	23.33	6.0		1.15		4P	8.4	3093	172.20	26	1.60	GS100	66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67	103	244	13.93		4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190		10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57						GSAF57														4P	11	2350	125.93	23	1.80	GSAF100																																4P	13	2060	108.24	22	1.90																																	4P	15	1783	94.48	21	2.00																																	4P	18	1711	80.13	21	2.10																																	4P	21	1552	70.04	20	2.20																																	4P	22	1409	65.10	19	2.25																																	4P	6.2	4091	231.67	27	1.00																																	4P	7.3	3560	196.52	32	1.10																																	4P	8.0	3300	180.95	32	1.20																																	4P	8.9	2971	161.74	33	1.35																																	4P	9.9	2693	145.60	33	1.45	GS97																																4P	11	2456	131.85	34	1.50	GSF97																																4P	12	2208	116.92	34	1.60	GSA97																																4P	14	2023	105.71	34	1.65	GSAF97																																4P	16	1751	89.60	34	1.75																																	4P	18	1753	80.85	34	1.75																																	4P	20	1568	71.43	35	1.85																																	4P	24	1335	60.59	35	1.95																																	4P	26	1233	55.79	35	2.00																																	4P	12	2160	123.48	26	0.95																																	4P	13	1947	110.40	27	1.00																																	4P	15	1778	99.26	27	1.10																																	4P	17	1580	86.15	27	1.20																																	4P	18	1757	81.76	27	0.90																																	4P	19	1438	77.14	28	1.25																																	4P	20	1523	70.43	27	1.05		GS87																															4P	22	1399	64.27	28		1.14	GSF87																															4P	25	1249	57.00		28	1.30	GSA87																															4P	30	1053		47.91	28	1.50	GSAF87																															4P	33		971	44.03	28	1.55																																4P		37	868	39.10	28	1.65																																	4P	41	782	34.96	28	1.70																																	4P	46	707	31.43	28	1.80																																	4P	53	618	27.28	27	1.85																																	4P	60	551	23.92	25	1.95																																	4P	25	1072	56.92	10	0.90																																	4P	27	1154	53.87	8.8	0.95																																4P	29	1065	49.38	8.9	1.05																																																																																																					
16	1331	89.60	35	2.00	GSAF97		18	1333	80.85	35	2.00			7.9	2285	180.00	26	1.00		6P	3.5	6729	271.63	31	1.00		GS100	9.5	1965	151.30	27		1.15		10	1820	139.05	27	1.25		12	1643	123.48	27	1.30		13	1481	110.40	27	1.40		14	1352	99.26	28	1.45		4P	4.2	5730	229.96	30		1.15	GSF100	17	1192		86.15	28	1.50	GS87	17	1336	81.76	28	1.40	GSF87	19	1094	77.14	28	1.55	GSA87	20	1158	70.43	28	1.50	GSAF87	22	1064	64.27	28	1.55		4P	4.5	5315	212.81		30	1.20	GSA100		25	950	57.00	28	1.65		30	801	47.91	28	1.75		32	739	44.03	28	1.80		37	660	39.10	28	1.90		41	594	34.96	28	1.95		4P	5.0	4809		190.74	29		1.30	GSAF100	17	1143	85.22	11	1.05		19	1039	75.20	12	1.15		21	937	66.67	12	1.20		23	1027	63.03	10	1.15	GS77	25	815	56.92	11	1.30	GSF77	4P	5.3		4592		271.63	29	1.35		27	878	53.87	10	1.25	GSA77	29	810	49.38	10	1.25	GSAF77	33	713	43.33	10	1.35		35	676	41.07	10	1.35		40	596	35.94	10	1.45		4P			6.3	3981	229.96	28	1.45		44	541	32.38	10	1.50		50	478	28.41	10	1.55		57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77	68	364	20.89	8.2	1.75	GSF77			4P	6.8	3730	212.81	27	1.50		76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10		130	198	11.03	7.5		2.20			4P	7.5	3384	190.74	26	1.55		148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10		61	390		23.33	6.0		1.15		4P	8.4	3093	172.20	26	1.60	GS100	66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67		103	244	13.93		4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65		184	140	7.79	4.6		1.75		132	190		10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57						GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																	4P	13	2060	108.24	22	1.90																																		4P	15	1783	94.48	21	2.00																																		4P	18	1711	80.13	21	2.10																																		4P	21	1552	70.04	20	2.20																																		4P	22	1409	65.10	19	2.25																																		4P	6.2	4091	231.67	27	1.00																																		4P	7.3	3560	196.52	32	1.10																																		4P	8.0	3300	180.95	32	1.20																																		4P	8.9	2971	161.74	33	1.35																																		4P	9.9	2693	145.60	33		1.45	GS97																																4P	11	2456		131.85	34	1.50	GSF97																																4P		12	2208	116.92	34	1.60	GSA97																																	4P	14	2023	105.71	34	1.65	GSAF97																																	4P	16	1751	89.60	34	1.75																																		4P	18	1753	80.85	34	1.75																																		4P	20	1568	71.43	35	1.85																																		4P	24	1335	60.59	35	1.95																																		4P	26	1233	55.79	35	2.00																																		4P	12	2160	123.48	26	0.95																																		4P	13	1947	110.40	27	1.00																																		4P	15	1778	99.26	27	1.10																																		4P	17	1580	86.15	27	1.20																																		4P	18	1757	81.76	27	0.90																																		4P	19	1438	77.14	28	1.25																																		4P	20	1523	70.43	27	1.05		GS87																																4P	22	1399	64.27	28		1.14	GSF87																																4P	25	1249	57.00		28	1.30		GSA87																															4P	30	1053		47.91		28	1.50	GSAF87																															4P	33			971	44.03	28	1.55																																4P			37	868	39.10	28	1.65																																		4P	41	782	34.96	28	1.70																																		4P	46	707	31.43	28	1.80																																		4P	53	618	27.28	27	1.85																																		4P	60	551	23.92	25	1.95																																		4P	25	1072	56.92	10	0.90																																	4P	27	1154	53.87	8.8	0.95																																4P	29	1065	49.38	8.9	1.05																																																										
18	1333	80.85	35	2.00			7.9	2285	180.00	26	1.00			6P	3.5	6729	271.63	31	1.00		GS100	9.5	1965	151.30	27		1.15		10	1820	139.05		27	1.25		12	1643	123.48	27	1.30		13	1481	110.40	27	1.40		14	1352	99.26	28	1.45		4P	4.2	5730	229.96	30		1.15	GSF100	17	1192		86.15	28	1.50	GS87		17	1336	81.76	28	1.40	GSF87	19	1094	77.14	28	1.55	GSA87	20	1158	70.43	28	1.50	GSAF87	22	1064	64.27	28	1.55		4P	4.5	5315	212.81		30	1.20	GSA100		25	950	57.00		28	1.65		30	801	47.91	28	1.75		32	739	44.03	28	1.80		37	660	39.10	28	1.90		41	594	34.96	28	1.95		4P	5.0	4809		190.74	29		1.30	GSAF100		17	1143	85.22	11	1.05		19	1039	75.20	12	1.15		21	937	66.67	12	1.20		23	1027	63.03	10	1.15	GS77	25	815	56.92	11	1.30	GSF77	4P	5.3		4592		271.63		29	1.35		27	878	53.87	10	1.25	GSA77	29	810	49.38	10	1.25	GSAF77	33	713	43.33	10	1.35		35	676	41.07	10	1.35		40	596	35.94	10	1.45		4P				6.3	3981	229.96	28	1.45		44	541	32.38	10	1.50		50	478	28.41	10	1.55		57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77	68	364	20.89	8.2	1.75	GSF77				4P	6.8	3730	212.81	27	1.50		76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10		130	198	11.03		7.5		2.20			4P	7.5	3384	190.74	26	1.55		148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10			61	390		23.33	6.0		1.15		4P	8.4	3093	172.20	26	1.60	GS100	66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93	268	15.33		5.0	1.35	GSAF67		103	244	13.93		4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65			184	140	7.79	4.6		1.75		132	190		10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57							GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10		19	2.25																																		4P		6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33		1.45	GS97																																	4P	11	2456		131.85	34	1.50	GSF97																																	4P		12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335		60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05		GS87																																	4P	22	1399	64.27	28		1.14	GSF87																																	4P	25	1249	57.00		28	1.30		GSA87																																4P	30	1053		47.91			28	1.50	GSAF87																															4P	33				971	44.03	28	1.55																																	4P			37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																		4P	25	1072	56.92	10	0.90																																	4P	27	1154	53.87	8.8	0.95																																4P	29	1065	49.38	8.9	1.05															
7.9	2285	180.00	26	1.00		6P	3.5	6729	271.63	31	1.00	GS100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
9.5	1965	151.30	27	1.15			10	1820	139.05	27	1.25		12		1643	123.48	27	1.30			13	1481	110.40	27	1.40			14	1352	99.26	28	1.45		4P	4.2	5730	229.96	30	1.15	GSF100	17	1192	86.15	28	1.50	GS87	17	1336	81.76	28	1.40	GSF87	19		1094	77.14	28	1.55		GSA87	20	1158	70.43		28	1.50	GSAF87	22	1064	64.27	28	1.55		4P	4.5	5315	212.81	30	1.20	GSA100	25	950	57.00	28	1.65		30	801	47.91	28	1.75		32		739	44.03	28		1.80		37		660	39.10	28	1.90		41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100	17	1143	85.22	11	1.05		19	1039	75.20	12	1.15		21		937	66.67		12	1.20			23	1027	63.03	10	1.15	GS77	25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35		27	878	53.87	10	1.25	GSA77	29	810	49.38	10	1.25	GSAF77	33		713		43.33		10	1.35		35	676	41.07	10	1.35		40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45		44	541	32.38	10	1.50		50	478	28.41	10	1.55		57				425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77	68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50		76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77	98	258				14.57	7.8	2.00		111	231	12.92	7.7	2.10		130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55		148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85			48		487		29.63	6.0	1.00		53	446	26.93	6.0	1.10		61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100	66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0		1.25	GSF67		79	312		18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67	103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187		10.50	4.8	1.55			156	164		9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8		1.20	GSA57							GSAF57													4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21		2.10																																		4P	21	1552		70.04	20	2.20																																		4P		22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45		GS97																																	4P	11	2456	131.85	34		1.50	GSF97																																	4P	12	2208	116.92		34	1.60	GSA97																																	4P	14	2023	105.71		34	1.65	GSAF97																																	4P	16	1751		89.60	34	1.75																																		4P	18		1753	80.85	34	1.75																																		4P		20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27		1.10																																		4P	17	1580		86.15	27	1.20																																		4P		18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																		4P	29	1065	49.38	8.9	1.05																																				
10	1820	139.05	27	1.25			12	1643	123.48	27	1.30		13		1481	110.40	27	1.40			14	1352	99.26	28	1.45		4P	4.2	5730	229.96	30	1.15	GSF100		17	1192	86.15	28	1.50	GS87	17	1336	81.76	28	1.40	GSF87	19	1094	77.14	28	1.55	GSA87	20		1158	70.43	28	1.50		GSAF87	22	1064	64.27	28	1.55		4P	4.5	5315	212.81	30	1.20	GSA100		25	950	57.00	28	1.65		30	801	47.91	28	1.75		32	739	44.03	28	1.80		37		660	39.10	28		1.90		41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100		17	1143	85.22	11	1.05		19	1039	75.20	12	1.15		21	937	66.67	12	1.20		23		1027	63.03		10	1.15	GS77	25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35			27	878	53.87	10	1.25	GSA77	29	810	49.38	10	1.25	GSAF77	33	713	43.33	10	1.35		35		676		41.07	10	1.35		40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50		50	478	28.41	10	1.55		57	425	25.07	9.3	1.65		60			414	23.87	8.2	1.65	GS77	68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00		111	231	12.92			7.7	2.10		130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00		53	446		26.93		6.0	1.10		61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93		268	15.33		5.0	1.35	GSAF67	103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65			184	140	7.79		4.6	1.75		132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57							GSAF57														4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27		1.00																																		4P	15	1778	99.26		27	1.10																																		4P	17	1580		86.15	27	1.20																																		4P	18		1757	81.76	27	0.90																																		4P		19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																												
12	1643	123.48	27	1.30			13	1481	110.40	27	1.40		14		1352	99.26	28	1.45		4P	4.2	5730	229.96	30	1.15	GSF100		17	1192	86.15	28	1.50	GS87		17	1336	81.76	28	1.40	GSF87	19	1094	77.14	28	1.55	GSA87	20	1158	70.43	28	1.50	GSAF87	22		1064	64.27	28	1.55		4P	4.5	5315	212.81	30	1.20	GSA100		25	950	57.00	28	1.65			30	801	47.91	28	1.75		32	739	44.03	28	1.80		37	660	39.10	28	1.90		41		594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100		17	1143	85.22	11	1.05			19	1039	75.20	12	1.15		21	937	66.67	12	1.20		23	1027	63.03	10	1.15	GS77	25		815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35			27	878	53.87	10	1.25	GSA77		29	810	49.38	10	1.25	GSAF77	33	713	43.33	10	1.35		35	676	41.07	10	1.35		40		596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50			50	478	28.41	10	1.55		57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77	68		364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10		130	198	11.03	7.5		2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10		61	390	23.33	6.0		1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67	103	244	13.93	4.9		1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190	10.80	3.8		0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57						GSAF57														4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																		4P		12	2160	123.48	26	0.95																																		4P		13	1947	110.40	27	1.00																																		4P		15	1778	99.26	27	1.10																																		4P		17	1580	86.15	27	1.20																																		4P		18	1757	81.76	27	0.90																																		4P		19	1438	77.14	28	1.25																																		4P		20	1523	70.43	27	1.05	GS87																																	4P		22	1399	64.27	28	1.14	GSF87																																	4P		25	1249	57.00	28	1.30	GSA87																																	4P		30	1053	47.91	28	1.50	GSAF87																																	4P		33	971	44.03	28	1.55																																		4P		37	868	39.10	28	1.65																																		4P	41		782	34.96	28	1.70																																		4P	46	707	31.43		28	1.80																																		4P	53	618	27.28		27	1.85																																		4P	60	551	23.92		25	1.95																																		4P	25	1072	56.92		10	0.90																																		4P	27	1154		53.87	8.8	0.95																																		4P		29	1065	49.38	8.9	1.05																																																				
13	1481	110.40	27	1.40			14	1352	99.26	28	1.45		4P	4.2	5730	229.96	30	1.15	GSF100		17	1192	86.15	28	1.50	GS87		17	1336	81.76	28	1.40	GSF87		19	1094	77.14	28	1.55	GSA87	20	1158	70.43	28	1.50	GSAF87	22	1064	64.27	28	1.55		4P	4.5	5315	212.81	30	1.20	GSA100		25	950	57.00	28	1.65			30	801	47.91	28	1.75			32	739	44.03	28	1.80		37	660	39.10	28	1.90		41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100		17	1143	85.22	11	1.05			19	1039	75.20	12	1.15			21	937	66.67	12	1.20		23	1027	63.03	10	1.15	GS77	25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35			27	878	53.87	10	1.25	GSA77		29	810	49.38	10	1.25	GSAF77		33	713	43.33	10	1.35		35	676	41.07	10	1.35		40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50			50	478	28.41	10	1.55			57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77	68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10		130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10		61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67	103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57							GSAF57													4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05		GS87																																	4P	22	1399	64.27	28	1.14		GSF87																																	4P	25	1249	57.00	28	1.30		GSA87																																	4P	30	1053	47.91	28	1.50		GSAF87																																	4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																											
14	1352	99.26	28	1.45		4P	4.2	5730	229.96	30	1.15	GSF100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
17	1192	86.15	28	1.50	GS87		17	1336	81.76	28	1.40	GSF87		19	1094	77.14	28	1.55	GSA87		20	1158	70.43	28	1.50	GSAF87		22	1064	64.27	28	1.55		4P	4.5	5315	212.81	30	1.20	GSA100	25	950	57.00	28	1.65		30	801	47.91	28	1.75			32	739	44.03	28	1.80			37	660	39.10	28	1.90			41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100	17	1143	85.22	11	1.05		19	1039	75.20	12	1.15			21	937	66.67	12	1.20			23	1027	63.03	10	1.15	GS77		25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35		27	878	53.87	10	1.25	GSA77	29	810	49.38	10	1.25	GSAF77		33	713	43.33	10	1.35			35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45		44	541	32.38	10	1.50		50	478	28.41	10	1.55			57	425	25.07	9.3	1.65			60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50		76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55		148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100	66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57							GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																														
17	1336	81.76	28	1.40	GSF87		19	1094	77.14	28	1.55	GSA87		20	1158	70.43	28	1.50	GSAF87		22	1064	64.27	28	1.55		4P	4.5	5315	212.81	30	1.20	GSA100		25	950	57.00	28	1.65		30	801	47.91	28	1.75		32	739	44.03	28	1.80			37	660	39.10	28	1.90			41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100		17	1143	85.22	11	1.05		19	1039	75.20	12	1.15		21	937	66.67	12	1.20			23	1027	63.03	10	1.15	GS77		25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35			27	878	53.87	10	1.25	GSA77	29	810	49.38	10	1.25	GSAF77	33	713	43.33	10	1.35			35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50		50	478	28.41	10	1.55		57	425	25.07	9.3	1.65			60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57						GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																					
19	1094	77.14	28	1.55	GSA87		20	1158	70.43	28	1.50	GSAF87		22	1064	64.27	28	1.55		4P	4.5	5315	212.81	30	1.20	GSA100		25	950	57.00	28	1.65			30	801	47.91	28	1.75		32	739	44.03	28	1.80		37	660	39.10	28	1.90			41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100		17	1143	85.22	11	1.05			19	1039	75.20	12	1.15		21	937	66.67	12	1.20		23	1027	63.03	10	1.15	GS77		25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35			27	878	53.87	10	1.25	GSA77		29	810	49.38	10	1.25	GSAF77	33	713	43.33	10	1.35		35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50			50	478	28.41	10	1.55		57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57						GSAF57														4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																												
20	1158	70.43	28	1.50	GSAF87		22	1064	64.27	28	1.55		4P	4.5	5315	212.81	30	1.20	GSA100		25	950	57.00	28	1.65			30	801	47.91	28	1.75			32	739	44.03	28	1.80		37	660	39.10	28	1.90		41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100		17	1143	85.22	11	1.05			19	1039	75.20	12	1.15			21	937	66.67	12	1.20		23	1027	63.03	10	1.15	GS77	25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35			27	878	53.87	10	1.25	GSA77		29	810	49.38	10	1.25	GSAF77		33	713	43.33	10	1.35		35	676	41.07	10	1.35		40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50			50	478	28.41	10	1.55			57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77	68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10		130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10		61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67	103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57							GSAF57													4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																			
22	1064	64.27	28	1.55		4P	4.5	5315	212.81	30	1.20	GSA100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
25	950	57.00	28	1.65			30	801	47.91	28	1.75			32	739	44.03	28	1.80			37	660	39.10	28	1.90			41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100	17	1143	85.22	11	1.05		19	1039	75.20	12	1.15			21	937	66.67	12	1.20			23	1027	63.03	10	1.15	GS77		25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35		27	878	53.87	10	1.25	GSA77	29	810	49.38	10	1.25	GSAF77		33	713	43.33	10	1.35			35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45		44	541	32.38	10	1.50		50	478	28.41	10	1.55			57	425	25.07	9.3	1.65			60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50		76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55		148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100	66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57							GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																						
30	801	47.91	28	1.75			32	739	44.03	28	1.80			37	660	39.10	28	1.90			41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100		17	1143	85.22	11	1.05		19	1039	75.20	12	1.15		21	937	66.67	12	1.20			23	1027	63.03	10	1.15	GS77		25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35			27	878	53.87	10	1.25	GSA77	29	810	49.38	10	1.25	GSAF77	33	713	43.33	10	1.35			35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50		50	478	28.41	10	1.55		57	425	25.07	9.3	1.65			60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57						GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																													
32	739	44.03	28	1.80			37	660	39.10	28	1.90			41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100		17	1143	85.22	11	1.05			19	1039	75.20	12	1.15		21	937	66.67	12	1.20		23	1027	63.03	10	1.15	GS77		25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35			27	878	53.87	10	1.25	GSA77		29	810	49.38	10	1.25	GSAF77	33	713	43.33	10	1.35		35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50			50	478	28.41	10	1.55		57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57						GSAF57														4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																				
37	660	39.10	28	1.90			41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100		17	1143	85.22	11	1.05			19	1039	75.20	12	1.15			21	937	66.67	12	1.20		23	1027	63.03	10	1.15	GS77	25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35			27	878	53.87	10	1.25	GSA77		29	810	49.38	10	1.25	GSAF77		33	713	43.33	10	1.35		35	676	41.07	10	1.35		40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50			50	478	28.41	10	1.55			57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77	68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10		130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10		61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67	103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57							GSAF57													4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																											
41	594	34.96	28	1.95		4P	5.0	4809	190.74	29	1.30	GSAF100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
17	1143	85.22	11	1.05			19	1039	75.20	12	1.15			21	937	66.67	12	1.20			23	1027	63.03	10	1.15	GS77		25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35		27	878	53.87	10	1.25	GSA77	29	810	49.38	10	1.25	GSAF77		33	713	43.33	10	1.35			35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45		44	541	32.38	10	1.50		50	478	28.41	10	1.55			57	425	25.07	9.3	1.65			60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50		76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55		148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100	66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57							GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																														
19	1039	75.20	12	1.15			21	937	66.67	12	1.20			23	1027	63.03	10	1.15	GS77		25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35			27	878	53.87	10	1.25	GSA77	29	810	49.38	10	1.25	GSAF77	33	713	43.33	10	1.35			35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50		50	478	28.41	10	1.55		57	425	25.07	9.3	1.65			60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57						GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																					
21	937	66.67	12	1.20			23	1027	63.03	10	1.15	GS77		25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35			27	878	53.87	10	1.25	GSA77		29	810	49.38	10	1.25	GSAF77	33	713	43.33	10	1.35		35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50			50	478	28.41	10	1.55		57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57						GSAF57														4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																												
23	1027	63.03	10	1.15	GS77		25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35			27	878	53.87	10	1.25	GSA77		29	810	49.38	10	1.25	GSAF77		33	713	43.33	10	1.35		35	676	41.07	10	1.35		40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50			50	478	28.41	10	1.55			57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77	68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10		130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10		61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67	103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57							GSAF57													4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																			
25	815	56.92	11	1.30	GSF77	4P	5.3	4592	271.63	29	1.35																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
27	878	53.87	10	1.25	GSA77		29	810	49.38	10	1.25	GSAF77		33	713	43.33	10	1.35			35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45		44	541	32.38	10	1.50		50	478	28.41	10	1.55			57	425	25.07	9.3	1.65			60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50		76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55		148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100	66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57							GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																						
29	810	49.38	10	1.25	GSAF77		33	713	43.33	10	1.35			35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50		50	478	28.41	10	1.55		57	425	25.07	9.3	1.65			60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57						GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																													
33	713	43.33	10	1.35			35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50			50	478	28.41	10	1.55		57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57						GSAF57														4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																				
35	676	41.07	10	1.35			40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45			44	541	32.38	10	1.50			50	478	28.41	10	1.55			57	425	25.07	9.3	1.65		60	414	23.87	8.2	1.65	GS77	68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10		130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10		61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67	103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57							GSAF57													4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																											
40	596	35.94	10	1.45		4P	6.3	3981	229.96	28	1.45																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
44	541	32.38	10	1.50			50	478	28.41	10	1.55			57	425	25.07	9.3	1.65			60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50		76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55		148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100	66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57							GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																														
50	478	28.41	10	1.55			57	425	25.07	9.3	1.65			60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77	87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57						GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																					
57	425	25.07	9.3	1.65			60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77	98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57						GSAF57														4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																												
60	414	23.87	8.2	1.65	GS77		68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50			76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00		111	231	12.92	7.7	2.10		130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10		61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67	103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57							GSAF57													4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																			
68	364	20.89	8.2	1.75	GSF77	4P	6.8	3730	212.81	27	1.50																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
76	329	18.82	8.0	1.80	GSA77		87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55		148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100	66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57							GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																						
87	291	16.51	8.0	1.90	GSAF77		98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30		41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57						GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																													
98	258	14.57	7.8	2.00			111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85		48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57						GSAF57														4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																				
111	231	12.92	7.7	2.10			130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55			148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00		53	446	26.93	6.0	1.10		61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67	103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57							GSAF57													4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																											
130	198	11.03	7.5	2.20		4P	7.5	3384	190.74	26	1.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
148	175	9.69	7.3	2.30			41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100	66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57							GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																														
41	564	34.80	6.0	0.85			48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67	75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57						GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																					
48	487	29.63	6.0	1.00			53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67	79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57						GSAF57														4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																												
53	446	26.93	6.0	1.10			61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100		66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67	93	268	15.33	5.0	1.35	GSAF67	103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57							GSAF57													4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																																			
61	390	23.33	6.0	1.15		4P	8.4	3093	172.20	26	1.60	GS100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
66	373	21.67	5.2	1.20	GS67		75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100	118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57							GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																																																						
75	330	19.06	5.0	1.25	GSF67		79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50		136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57						GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																																																													
79	312	18.00	5.0	1.30	GSA67		93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55		156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57						GSAF57														4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																																																																				
93	268	15.33	5.0	1.35	GSAF67		103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100		118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65		184	140	7.79	4.6	1.75		132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57							GSAF57													4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																																																																											
103	244	13.93	4.9	1.40		4P	9.2	2845	156.41	25	1.65	GSF100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
118	213	12.07	4.9	1.50			136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100	157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57							GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																																																																																														
136	187	10.50	4.8	1.55			156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57	178	143	8.04	3.8	1.20	GSA57						GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																																																																																																					
156	164	9.17	4.7	1.65			184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57						GSAF57														4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																																																																																																												
184	140	7.79	4.6	1.75			132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100		157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57							GSAF57													4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																																																																																																																			
132	190	10.80	3.8	0.90	GS57	4P	10	2557	138.77	24	1.75	GSA100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
157	161	9.10	3.8	1.00	GSF57		178	143	8.04	3.8	1.20	GSA57							GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																																																																																																																																						
178	143	8.04	3.8	1.20	GSA57							GSAF57															4P	11	2350	125.93	23	1.80	GSAF100																																		4P	13	2060	108.24	22	1.90																																			4P	15	1783	94.48	21	2.00																																			4P	18	1711	80.13	21	2.10																																			4P	21	1552	70.04	20	2.20																																			4P	22	1409	65.10	19	2.25																																			4P	6.2	4091	231.67	27	1.00																																			4P	7.3	3560	196.52	32	1.10																																			4P	8.0	3300	180.95	32	1.20																																			4P	8.9	2971	161.74	33	1.35																																			4P	9.9	2693	145.60	33	1.45	GS97																																		4P	11	2456	131.85	34	1.50	GSF97																																		4P	12	2208	116.92	34	1.60	GSA97																																		4P	14	2023	105.71	34	1.65	GSAF97																																		4P	16	1751	89.60	34	1.75																																			4P	18	1753	80.85	34	1.75																																			4P	20	1568	71.43	35	1.85																																			4P	24	1335	60.59	35	1.95																																			4P	26	1233	55.79	35	2.00																																			4P	12	2160	123.48	26	0.95																																			4P	13	1947	110.40	27	1.00																																			4P	15	1778	99.26	27	1.10																																			4P	17	1580	86.15	27	1.20																																			4P	18	1757	81.76	27	0.90																																			4P	19	1438	77.14	28	1.25																																			4P	20	1523	70.43	27	1.05	GS87																																		4P	22	1399	64.27	28	1.14	GSF87																																		4P	25	1249	57.00	28	1.30	GSA87																																		4P	30	1053	47.91	28	1.50	GSAF87																																		4P	33	971	44.03	28	1.55																																			4P	37	868	39.10	28	1.65																																			4P	41	782	34.96	28	1.70																																			4P	46	707	31.43	28	1.80																																			4P	53	618	27.28	27	1.85																																			4P	60	551	23.92	25	1.95																																			4P	25	1072	56.92	10	0.90																																			4P	27	1154	53.87	8.8	0.95																																			4P	29	1065	49.38	8.9	1.05																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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选型参数表
(恒功率)
Selection Table
(Constant Power)

n_a [r/min]	M_a [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole
4.0kW							5.5kW						
69	475	20.89	7.3	1.55			35	1227	41.07	7.2	0.90		
77	429	18.82	7.2	1.60			40	1078	35.94	7.4	1.05		
87	378	16.51	7.2	1.65	GS77		44	978	32.38	7.5	1.10		
99	336	14.57	7.1	1.75	GSF77		51	865	28.41	7.5	1.15		
111	299	12.92	7.0	1.85	GSA77	4P	57	768	25.07	7.5	1.20		
131	246	11.03	6.8	2.00	GSAF77		60	748	23.87	7.5	1.25	GS77	
149	228	9.69	6.7	2.00			69	658	20.89	7.5	1.30	GSF77	4P
179	191	8.06	6.5	2.15			77	596	18.82	5.6	1.35	GSA77	
80	411	18.00	3.6	0.80			87	526	16.51	5.9	1.40	GSAF77	
94	352	15.33	4.0	0.95	GS67		99	468	14.57	6.2	1.50		
103	321	13.93	4.3	1.05	GSF67		111	417	12.92	6.2	1.55		
119	280	12.07	4.3	1.20	GSA67	4P	131	358	11.03	6.1	1.65		
137	246	10.50	4.3	1.35	GSAF67		149	316	9.69	6.1	1.70		
157	216	9.17	4.3	1.40			179	265	8.06	6.0	1.85		
185	184	7.79	4.2	1.50			119	385	12.07	2.8	0.90	GS67	
5.5kW							137	338	10.50	2.8	1.00	GSF67	4P
5.3	6314	271.63	27	1.00			157	297	9.17	3.5	1.15	GSA67	
6.3	5474	229.96	26	1.20			185	253	7.79	3.7	1.15	GSAF67	
6.8	5128	212.81	26	1.25			7.5kW						
7.5	4653	190.74	25	1.30			6.3	7465	229.96	24	0.85		
8.4	4253	172.20	24	1.35			6.8	6993	212.81	24	0.90		
9.2	3912	156.41	24	1.40			7.5	6345	190.74	23	1.00		
10	3515	138.77	23	1.45			8.4	5800	172.20	23	1.10		
11	3231	125.93	23	1.55	GS100		9.2	5335	156.41	22	1.20		
13	2833	108.24	22	1.60	GSF100	4P	10	4794	138.77	22	1.25		
15	2424	94.48	21	1.70	GSA100		11	4407	125.93	21	1.30	GS100	
18	2352	80.13	20	1.80	GSAF100		13	3863	108.24	21	1.40	GSF100	4P
21	2133	70.04	20	1.85			15	3306	94.48	20	1.50	GSA100	
22	1937	65.10	19	1.90			18	3207	80.13	19	1.55	GSAF100	4P
24	1766	59.13	18	2.00			21	2909	70.04	19	1.60		
27	1583	52.46	18	2.10			22	2641	65.10	18	1.65		
30	1447	47.61	17	2.15			24	2408	59.13	18	1.70		
35	1262	40.92	17	2.30			27	2159	52.46	17	1.80		
8.9	4084	161.74	28	0.95			30	1974	47.61	17	1.85		
9.9	3703	145.60	31	1.00			35	1721	40.92	16	1.95		
11	3376	131.85	32	1.10			40	1503	35.72	15	2.00		
12	3035	116.92	33	1.15			48	1284	30.29	15	2.20		
14	2782	105.71	33	1.25			14	3741	105.71	31	0.90		
16	2407	89.60	34	1.35	GS97		16	3260	89.60	32	1.00		
18	2147	78.26	34	1.45	GSF97		18	2908	78.26	33	1.10	GS97	
20	2156	71.43	34	1.55	GSA97	4P	20	2900	71.43	33	1.15	GSF97	4P
22	1830	65.45	34	1.65	GSAF97		22	2468	65.45	34	1.20	GSA97	
24	1835	60.59	34	1.65			24	2468	60.59	34	1.35	GSAF97	
26	1695	55.79	34	1.70			26	2280	55.79	34	1.45		
29	1526	49.87	35	1.80			29	2052	49.87	34	1.55		
32	1378	44.89	35	1.85			32	1853	44.89	34	1.60		
35	1256	40.65	35	1.95			35	1689	40.65	34	1.65		
19	1978	77.14	27	0.90			40	1508	36.05	34	1.75	GS97	
23	1688	64.00	27	0.95			44	1372	32.60	34	1.80	GSF97	4P
25	1717	57.00	27	0.95			52	1179	27.63	30	1.90	GSA97	
30	1448	47.91	28	1.10			64	980	22.65	30	2.15	GSAF97	
33	1335	44.03	28	1.20			70	891	20.48	29	2.25		
37	1194	39.10	28	1.35			83	759	17.36	29	2.40		
41	1075	34.96	27	1.50	GS87		95	667	15.16	29	2.50		
46	972	31.43	27	1.55	GSF87		33	1796	44.03	26	0.90		
53	850	27.28	26	1.60	GSA87	4P	37	1606	39.10	26	1.00		
60	758	23.92	24	1.70	GSAF87		41	1445	34.96	26	1.10	GS87	
67	681	21.39	23	1.75			46	1308	31.43	25	1.20	GSF87	4P
75	616	19.23	23	1.80			53	1147	27.28	25	1.40	GSA87	
86	539	16.69	22	1.90			60	1019	23.92	22	1.45	GSAF87	
96	485	14.95	22	2.00			67	916	21.39	22	1.50		
116	405	12.40	21	2.10			75	828	19.23	22	1.60		
134	354	10.78	20	2.25			86	724	16.69	21	1.65		

选型参数表
(恒功率)
Selection Table
(Constant Power)

n_a [r/min]	M_a [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole	n_a [r/min]	M_a [Nm]	i	F_{ra} [kN]	f_B	机型号 Type size	极数 Pole	
7.5kW							15.0kW							
96	652	14.95	21	1.75	GS87	4P	33	3707	44.89	30	0.90		4P	
116	544	12.40	20	1.85	GSF87		36	3378	40.65	30	1.00			
134	476	10.78	19	1.95	GSA87		40	3016	36.05	29	1.10			
163	391	8.81	19	2.05	GSAF87		45	2745	32.60	29	1.15			
51	1163	28.41	5.9	0.90		4P	53	2357	27.63	25	1.35	GS97	4P	
57	1033	25.07	6.1	1.00			64	1961	22.65	25	1.55	GSF97		
60	1006	23.87	6.2	0.80			71	1783	20.48	25	1.60	GSA97		
69	885	20.89	6.3	0.80	GS77		84	1518	17.36	24	1.70	GSAF97		
77	802	18.82	1.8	0.90	GSF77		96	1334	15.16	24	1.75			
87	707	16.51	2.2	1.00	GSA77		115	1122	12.68	24	1.90			
99	629	14.57	3.1	1.15	GSAF77		133	974	10.98	23	2.00			
111	561	12.92	3.7	1.25			159	818	9.19	22	2.15			
131	482	11.03	4.9	1.40			98	1304	14.95	17	0.95	GS87		4P
149	425	9.69	5.3	1.50			118	1088	12.40	17	1.15	GSF87		
179	357	8.06	5.3	1.60		135	952	10.78	17	1.30	GSA87			
						166	782	8.81	16	1.30	GSAF87			
11.0kW							18.5kW							
9.3	7717	156.41	20	0.85		4P	16	8425	94.48	15	0.80		4P	
11	6934	138.77	20	0.95			18	7145	80.13	15	0.90			
12	6374	125.93	19	1.00			23	6383	65.10	15	1.00			
13	5588	108.24	19	1.15			25	5818	59.13	15	1.10	GS100		
15	4782	94.48	18	1.25			28	5217	52.46	14	1.15	GSF100		
18	4136	80.13	18	1.30			31	4769	47.61	14	1.20	GSA100		
21	4209	70.04	17	1.30	GS100		36	4159	40.92	14	1.25	GSAF100		
22	3821	65.10	17	1.40	GSF100		41	3631	35.72	13	1.35			
25	3483	59.13	17	1.45	GSA100		49	3101	30.29	13	1.40			
28	3123	52.46	16	1.50	GSAF100		56	2752	26.48	13	1.50			
31	2855	47.61	16	1.55			66	2327	22.39	12	1.55			
36	2490	40.92	15	1.65			41	3669	36.05	27	0.90			
41	2174	35.72	15	1.70			45	3339	32.60	27	0.95			
48	1857	30.29	14	1.80			53	2868	27.63	27	1.05			
55	1647	26.48	14	1.90			65	2386	22.65	27	1.20	GS97		
65	1393	22.39	13	2.00			72	2169	20.48	23	1.20	GSF97		
26	3344	55.79	32	1.00			85	1848	17.36	23	1.40	GSA97		
29	3010	49.87	33	1.10			97	1624	15.16	23	1.60	GSAF97		
33	2718	44.89	33	1.20		116	1366	12.68	22	1.70				
36	2477	40.65	33	1.35		134	1187	10.98	22	1.80				
40	2211	36.05	32	1.45	GS97	160	996	9.19	21	1.80				
45	2013	32.60	32	1.50	GSF97	22kW								
53	1729	27.63	28	1.60	GSA97	23	7590	65.10	14	0.85				
64	1438	22.65	28	1.80	GSAF97	25	6919	59.13	14	0.95				
71	1307	20.48	27	1.85		28	6204	52.46	14	1.00	GS100			
84	1113	17.36	26	2.00		31	5671	47.61	13	1.10	GSF100			
96	979	15.16	26	2.05		36	4946	40.92	13	1.15	GSA100			
115	823	12.68	25	2.20		41	4317	35.72	13	1.20	GSAF100			
133	714	10.98	24	2.35		49	3688	30.29	13	1.30				
54	1682	27.28	23	0.95		56	3272	26.48	12	1.35				
60	1504	24.23	22	1.05		66	2767	22.39	12	1.45				
72	1271	20.27	22	1.25	GS87	53	3410	27.63	25	0.90				
76	1214	19.23	19	1.30	GSF87	65	2837	22.65	25	0.90				
87	1062	16.69	19	1.35	GSA87	72	2579	20.48	19	1.00	GS97			
98	956	14.95	19	1.45	GSAF87	85	2198	17.36	21	1.15	GSF97			
118	798	12.40	18	1.55		97	1931	15.16	21	1.30	GSA97			
135	698	10.78	18	1.60		116	1624	12.68	21	1.50	GSAF97			
166	573	8.81	18	1.75		134	1411	10.98	21	1.65				
15.0kW							30kW							
13	7670	108.24	17	0.85		4P	31	7734	47.61	12	0.85		4P	
15	6878	94.48	16	0.95			36	6745	40.92	12	0.95	GS100		
18	5833	80.13	16	1.10			41	5887	35.72	12	1.05	GSF100		
21	5739	70.04	16	1.15			49	5029	30.29	11	1.10	GSA100		
22	5210	65.10	16	1.20	GS100		56	4462	26.48	11	1.15	GSAF100		
25	4749	59.13	16	1.20	GSF100		66	3773	22.39	11	1.20			
28	4259	52.46	15	1.30	GSA100									
31	3893	47.61	15	1.30	GSAF100									
36	3395	40.92	15	1.40										
41	2964	35.72	14	1.45										
48	2532	30.29	14	1.55										
55	2247	26.48	13	1.65										
65	1899	22.39	13	1.75										

选型参数表
(恒扭矩)
Selection Table
(Constant Torque)

Mamax [Nm]	n _a [r/min]	i	F _{ra} [kN]	机型号 Type size	P [kW]/4P	Mamax [Nm]	n _a [r/min]	i	F _{ra} [kN]	机型号 Type size	P [kW]/4P	
87	0.13	10037	2.8		0.12	170	1.4	965	5.0		0.12	
	0.15	8654	2.8					1.5	865	5.0		GS47R17
	0.16	8066	2.8					1.7	750	5.0		GSF47R17
	0.19	7051	2.8					2.0	655	5.0		GSA47R17
	0.22	6079	2.8					2.3	574	5.0		GSAF47R17
	0.24	5431	2.8					2.6	506	5.0		
	0.28	4747	2.8					3.0	438	5.0		
	0.32	4155	2.8	GS37R17								GS47R17
	0.36	3632	2.8	GSF37R17				3.4	388	4.9		GSF47R17
	0.46	2866	2.8	GSA37R17				3.9	336	4.9		GSA47R17
	0.53	2471	2.8	GSAF37R17				4.5	294	4.9		GSAF47R17
	0.61	2160	2.8					5.2	257	4.9		
	0.69	1887	2.8					5.8	229	4.9		GS47R17
	0.79	1665	2.8					6.7	200	4.9		GSF47R17
	0.90	1456	2.8					7.1	187	4.9		GSA47R17
	1.0	1271	2.8					8.1	165	4.9		GSAF47R17
	1.2	1121	2.8					9.0	148	4.9		GS47R17
	1.3	994	2.8									GSF47R17
	1.5	869	2.8									GSA47R17
		1.7	774	2.8								GSAF47R17
	2.0	666	2.8									
	2.2	596	2.8									
	2.5	521	2.8	GS37R17	0.12	300	0.10	12909	6.7		0.12	
	2.9	456	2.8	GSF37R17			0.12	11189	6.7			
	3.3	398	2.8	GSA37R17			0.13	10374	6.7			
	3.7	351	2.8	GSAF37R17			0.15	8992	6.7	GS57R17		
	4.3	303	2.8				0.17	7860	6.7	GSF57R17		
	4.9	265	2.8				0.19	6887	6.7	GSA57R17		
	5.6	232	2.8				0.22	6055	6.7	GSAF57R17		
	6.5	202	2.8				0.25	5292	6.7			
	7.3	179	2.8	GS37R17			0.28	4637	6.7			
	8.3	158	2.8	GSF37R17			0.32	4092	6.7			
	9.1	144	2.8	GSA37R17	0.36	3628	6.7					
	11	118	2.8	GSAF37R17	0.42	3131	6.7					
				GS37R17	0.48	2714	6.7					
	12	110	2.8	GSF37R17	0.54	2412	6.7	GS57R17				
				GSA37R17	0.61	2131	6.7	GSF57R17				
				GSAF37R17	0.70	1863	6.7	GSA57R17				
					0.79	1663	6.7	GSAF57R17				
					0.91	1435	6.7					
					1.0	1254	6.7					
					1.2	1083	6.7					
					1.4	965	6.7	GS57R17				
					1.5	865	6.7	GSF57R17				
					1.7	750	6.7	GSA57R17				
					2.0	655	6.7	GSAF57R17				
					2.3	574	6.7	GS57R17				
					2.6	506	6.7	GSF57R17				
					3.0	438	6.7	GSA57R17				
					3.4	388	6.7	GSAF57R17				
								GS57R17				
					4.0	336	6.7	GSF57R17				
					4.5	294	6.7	GSA57R17				
					4.9	269	6.7	GSAF57R17				
								GS57R17				
					5.8	229	6.7	GSF57R17				
					6.5	204	6.7	GSA57R17				
					7.1	187	6.7	GSAF57R17				
								GS57R17				
					8.1	165	6.7	GSF57R17				
								GSA57R17				
								GSAF57R17				
					10	131	6.7					
170	0.10	12909	5.0		0.12					0.12		
	0.12	11189	5.0									
	0.13	10374	5.0									
	0.15	8992	5.0									
	0.17	7860	5.0									
	0.19	6887	5.0									
	0.22	6055	5.0									
	0.25	5292	5.0									
	0.28	4637	5.0	GS47R17								
	0.32	4092	5.0	GSF47R17								
	0.37	3582	5.0	GSA47R17								
	0.42	3131	5.0	GSAF47R17								
	0.48	2714	5.0									
	0.54	2412	5.0									
	0.61	2131	5.0									
	0.70	1863	5.0									
	0.79	1663	5.0									
	0.91	1435	5.0									
	1.0	1254	5.0									
	1.2	1120	5.0									
	1.2	1083	5.0									

选型参数表
(恒扭矩)
Selection Table
(Constant Torque)

Mamax [Nm]	n _a [r/min]	i	F _{ra} [kN]	机型号 Type size	P [kW]/4P	Mamax [Nm]	n _a [r/min]	i	F _{ra} [kN]	机型号 Type size	P [kW]/4P	
520	0.06	21362	7.8		0.12	1220	0.15	8817	11		0.12	
	0.07	19594	7.8				0.17	7735	11			
	0.07	18120	7.8				0.19	6735	11	GS77R37		
	0.08	16682	7.8				0.22	5943	11	GSF77R37		
	0.09	14383	7.8	GS67R37			0.25	5214	11	GSA77R37		
	0.10	12774	7.8	GSF67R37			0.28	4618	11	GSAF77R37		
	0.12	11013	7.8	GSA67R37			0.33	3992	11			
	0.14	9694	7.8	GSAF67R37			0.37	3540	11			
	0.15	8529	7.8							GS77R37		
	0.18	7455	7.8				0.42	3098	11	GSF77R37		
	0.20	6531	7.8						GSA77R37			
	0.23	5759	7.8						GSAF77R37			
	0.26	4965	7.8		0.12		1220	0.48	2753	11	GS77R37	0.12
	0.30	4410	7.8					GSF77R37				
	0.34	3880	7.8					0.55	2374	11	GSA77R37	
	0.38	3432	7.8								GSAF77R37	
	0.44	2944	7.8	GS67R37				0.63	2083	11	GS77R37	
	0.50	2630	7.8	GSF67R37				0.72	1813	11	GSF77R37	
	0.57	2279	7.8	GSA67R37				0.75	1745	11	GSA77R37	
	0.65	2014	7.8	GSAF67R37				0.82	1600	11	GSAF77R37	
	0.74	1772	7.8					0.95	1404	11	GS77R37	
	0.84	1559	7.8								GSF77R37	
	0.96	1363	7.8		1.1			1245	11	GSA77R37		
1.10	1194	7.8						GSAF77R37				
1.3	1045	7.8	GS67R37	0.18	1220	1.2		1100	11	GS77R37	0.25	
1.4	914	7.8	GSF67R37			GSF77R37						
			GSA67R37						GSA77R37			
			GSAF67R37						GSAF77R37			
1.6	809	7.8	GS67R37	0.18				1.4	954	11	GS77R37	0.37
			GSF67R37			1.6		837	11	GSF77R37		
			GSA67R37						GSA77R37			
			GSAF67R37						GSAF77R37			
2.2	615	7.8	GS67R37	0.25				1.9	714	11	GS77R37	0.55
			GSF67R37			2.2		637	11	GSF77R37		
			GSA67R37						GSA77R37			
			GSAF67R37					GSAF77R37				
2.8	469	7.8	GS67R37	0.37			3.2	438	11	GS77R37	0.75	
			GSF67R37			3.6	389	11	GSF77R37			
			GSA67R37					GSA77R37				
			GSAF67R37					GSAF77R37				
4.4	319	7.8	GS67R37	0.55			4.3	327	11	GS77R37	1.1	
			GSF67R37			4.8	289	11	GSF77R37			
			GSA67R37					GSA77R37				
			GSAF67R37					GSAF77R37				
4.9	281	7.8	GS67R37	0.55			5.6	250	11	GS77R37	1.1	
			GSF67R37			6.4	219	11	GSF77R37			
			GSA67R37					GSA77R37				
			GSAF67R37				GSAF77R37					
5.7	246	7.8	GS67R37	0.75	2300	0.05	25987	26		0.12		
			GSF67R37			0.05	23940	26				
			GSA67R37	0.06		20568	26					
			GSAF67R37	0.07		18265	26					
				0.08		16774	26	GS87R57				
				0.09		14820	26	GSF87R57				
				0.10		13160	26	GSA87R57				
				0.12		11200	26	GSAF87R57				
				0.13		9904	26					
				0.15		8549	26					
				0.17		7643	26					
				0.20		6706	26					
1220	0.05	25493	11			0.12						
	0.06	21787	11									
	0.07	19907	11	GS77R37								
	0.08	17013	11	GSF77R37								
	0.09	14668	11	GSA77R37								
	0.10	13110	11	GSAF77R37								
	0.11	11569	11									
	0.13	9887	11									

选型参数表
(恒扭矩)

Selection Table
(Constant Torque)

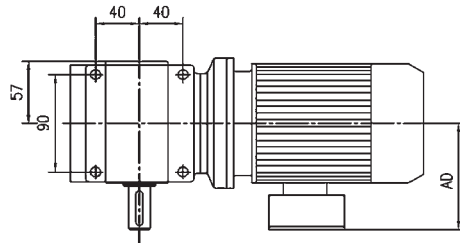
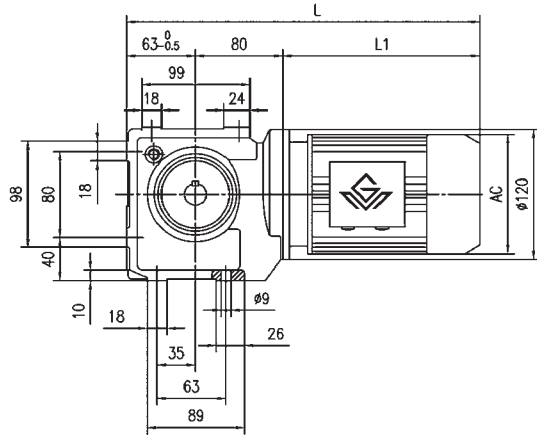
Mamax [Nm]	n _a [r/min]	i	F _{ra} [kN]	机型号 Type size	P [kW]/4P	Mamax [Nm]	n _a [r/min]	i	F _{ra} [kN]	机型号 Type size	P [kW]/4P
2300	0.22	5875	26	GS87R57	0.18	4000	0.43	3108	30	GS97R57	0.37
	0.25	5187	26	GSF87R57			0.50	2654	30	GSF97R57	
	0.28	4606	26	GSA87R57			0.57	2329	30	GSA97R57	
				GSAF87R57			0.67	2081	30	GSAF97R57	
	0.34	3872	26	GS87R57	0.25		0.75	1860	30	GS97R57	0.55
				GSF87R57			0.88	1574	30	GSF97R57	
				GSA87R57			1.0	1394	30	GSA97R57	
				GSAF87R57			1.1	1223	30	GSAF97R57	
	0.38	3475	26	GS87R57	0.25		1.3	1070	30	GS97R57	0.75
				GSF87R57			1.5	928	30	GSF97R57	
	0.46	2905	26	GSA87R57			1.7	824	30	GSA97R57	
				GSAF87R57			2.0	714	31	GSAF97R57	
	0.51	2586	26	GS87R57	0.37		2.2	626	30	GS97R57	1.1
	0.57	2335	26	GSF87R57			2.6	538	30	GSF97R57	
	0.65	2054	26	GSA87R57			3.0	484	30	GSA97R57	
				GSAF87R57			3.4	420	30	GSAF97R57	
	0.76	1824	26	GS87R57	0.55		3.8	376	30	GS97R57	2.2
	0.85	1631	26	GSF87R57			4.4	327	30	GSF97R57	
	1.0	1332	26	GSA87R57			5.0	287	30	GSA97R57	
	1.2	1191	26	GSAF87R57			5.7	252	30	GSAF97R57	
1.3	1032	26	GS87R57	0.75	6.6	219	30	GS97R57	1.5		
1.5	930	26	GSF87R57		0.05	27093	40	GS100R77			
1.7	831	26	GSA87R57		0.06	23118	40	GSF100R77			
			GSAF87R57		0.06	20215	40	GSA100R77			
1.9	719	26	GS87R57	1.1	0.07	18344	40	GSF100R77	0.12		
2.2	624	26	GSF87R57		0.08	15767	40	GSA100R77			
2.5	558	26	GSA87R57		0.10	12901	40	GSAF100R77			
			GSAF87R57		0.11	11708	40				
2.9	485	26	GS87R57	1.5	0.12	10719	40	GS97R57	4		
			GSF87R57		0.13	9727	40	GSF97R57			
			GSA87R57		0.16	8360	40	GSA97R57			
			GSAF87R57		0.18	7226	40	GSAF97R57			
3.2	435	26	GS87R57	1.5	0.20	6557	40	GS97R57	0.12		
3.7	378	26	GSF87R57		0.20	6557	40	GSF97R57			
			GSA87R57		0.23	5780	30	GSA97R57			
			GSAF87R57		0.27	4937	30	GSAF97R57			
4.4	323	26	GS87R57	2.2	0.23	5769	40	GS97R57	0.18		
			GSF87R57		0.23	5769	40	GSF97R57			
			GSA87R57		0.30	4444	30	GSA97R57			
			GSAF87R57		0.33	4017	30	GSAF97R57			
5.1	281	26	GS87R57	1.5	0.39	3453	30	GS97R57	0.25		
			GSF87R57		0.12	10719	40	GSF100R77			
			GSA87R57		0.14	9727	40	GSA100R77			
			GSAF87R57		0.16	8360	40	GSAF100R77			
4000	0.04	33818	31	GS87R57	0.12	0.18	7226	40	GS97R57	0.18	
	0.04	31154	31	GSF87R57		0.18	7226	40	GSF97R57		
	0.05	27847	31	GSA87R57		0.20	6640	30	GSA97R57		
	0.05	24641	31	GSAF87R57		0.23	5780	30	GSAF97R57		
	0.06	21537	31	GS97R57		0.27	4937	30	GS97R57		
	0.07	18749	31	GSF97R57		0.30	4444	30	GSF97R57		
	0.08	16233	31	GSA97R57		0.33	4017	30	GSA97R57		
	0.09	14576	31	GSAF97R57		0.39	3453	30	GSAF97R57		
	0.10	12752	31								
	0.12	11267	31								
	0.13	10078	31								
	0.15	8608	31	GS97R57							
0.17	7554	31	GSF97R57								
0.20	6640	30	GSA97R57								
0.23	5780	30	GSAF97R57								
0.27	4937	30									
0.30	4444	30	GS97R57								
0.33	4017	30	GSF97R57								
0.39	3453	30	GSA97R57								

选型参数表
(恒扭矩)
Selection Table
(Constant Torque)

Mamax [Nm]	n _a [r/min]	i	F _{ra} [kN]	机型号 Type size	P [kW]/4P	Mamax [Nm]	n _a [r/min]	i	F _{ra} [kN]	机型号 Type size	P [kW]/4P
6500	0.14	9727	40		0.37	6500	0.94	1521	40		2.2
	0.16	8360	40	GS100R77			1.1	1327	40		
	0.18	7226	40	GSF100R77			1.3	1126	40	GS100R77	
	0.20	6557	40	GSA100R77			1.5	984	40	GSF100R77	
	0.23	5769	40	GSAF100R77			1.7	864	40	GSA100R77	
	0.27	4958	40				1.8	812	40	GSAF100R77	
	0.31	4328	40		2.1		688	40			
	0.19	7226	40		2.4		602	40			
	0.21	6557	40	GS100R77	0.55		1.3	1126	40		
	0.24	5769	40	GSF100R77			1.5	984	40		
	0.28	4958	40	GSA100R77			1.7	864	40	GS100R77	
	0.32	4328	40	GSAF100R77			1.8	812	40	GSF100R77	
	0.43	3243	40				2.1	688	40	GSA100R77	
	0.55	2530	40				2.4	602	40	GSAF100R77	
	0.24	5769	40		2.6		544	40			
	0.28	4958	40		3.0		476	40			
	0.32	4328	40	GS100R77	0.75		3.5	409	40		
	0.43	3243	40	GSF100R77			1.8	812	40		
	0.43	3243	40	GSA100R77			2.1	688	40		
	0.55	2530	40	GSA100R77			2.4	602	40	GS100R77	
	0.63	2208	40	GSAF100R77			2.6	544	40	GSF100R77	
0.71	1950	40		3.0		476	40	GSA100R77			
0.43	3243	40		3.5	409	40	GSAF100R77				
0.55	2530	40	GS100R77	1.1	4.1	352	40				
0.63	2208	40	GSF100R77		4.7	307	40				
0.72	1950	40	GSA100R77		2.4	602	40				
0.79	1769	40	GSAF100R77		2.6	544	40	GS100R77			
0.92	1521	40			3.0	476	40	GSF100R77			
1.05	1327	40			3.5	409	40	GSA100R77			
0.55	2530	40		1.5	4.1	352	40	GSAF100R77			
0.63	2208	40			4.7	307	40				
0.72	1950	40	GS100R77								
0.79	1769	40	GSF100R77								
0.92	1521	40	GSA100R77								
1.1	1327	40	GSAF100R77								
1.2	1126	40									
1.4	984	40									

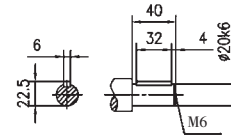
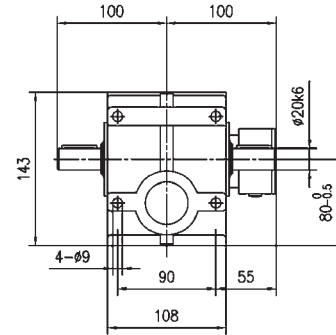
GS37

安装结构尺寸



GS37

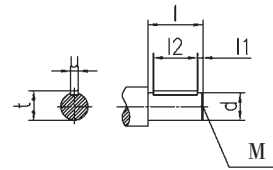
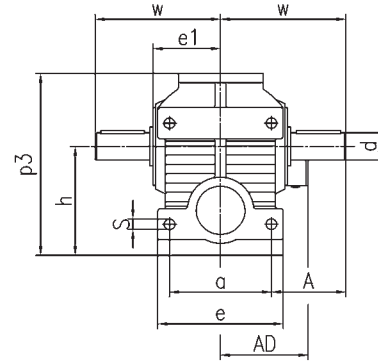
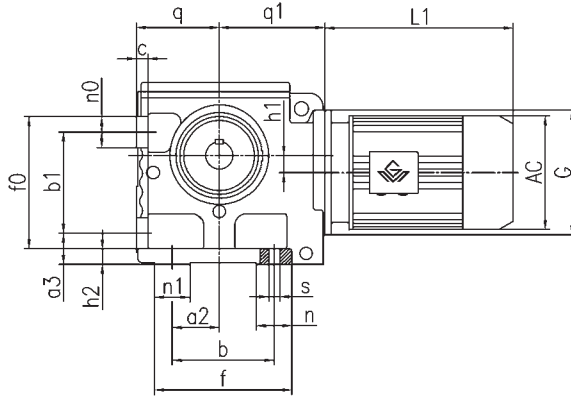
Mounting Dimensional Description



电机机座号 Motor frame size	63	71	80	90S	90L					
AC	130	145	175	195	195					
AD	70	80	145	155	155					
L1	207	225	255	270	295					
L	350	368	398	413	438					

注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

GS47-97
安装结构尺寸
GS47-97
Mounting Dimensional Description


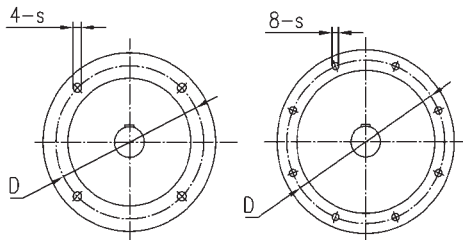
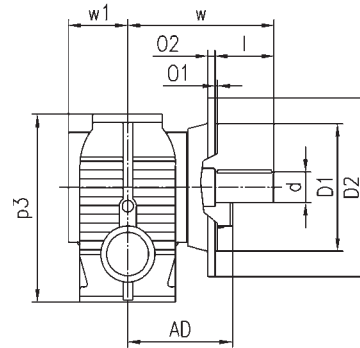
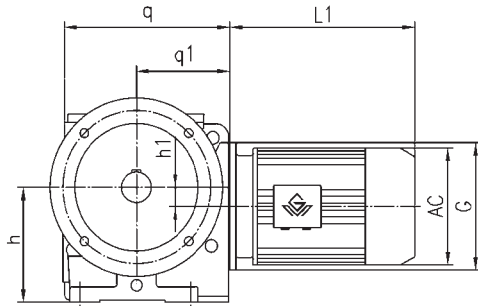
规格 Specification	q d	q ₁ w	c A	f ₀ a	b ₁ e	n ₀ h	a ₃ p ₃	h ₁ e ₁	h ₂ u	n ₁ t	a ₂ l	s l ₁	n l ₂	b M	f G	电机尺寸 Motor Size			
																AC	AD	L1	
GS47	75 ^{-0.5} Φ 25k6	96 115	12 65	105 100	80 120	25 100 ^{-0.5}	35 165	8 60	15 8	30 28	35 50	Φ 11 5	30 40	80 M10	112 Φ 120	见附录 A-2 Please see appendix A-2			
GS57	80 ^{-0.5} Φ 30k6	107 134	12 79	130 110	100 136	30 112 ^{-0.5}	35 189	20 71	15 8	30 33	45 60	Φ 11 3.5	30 50	100 M10	130 Φ 120				
GS67	106 ^{-0.5} Φ 35k6	135 160	15 95	170 130	130 160	40 140 ^{-0.5}	40 236	22 85.5	20 10	45 38	60 70	Φ 13.5 7	45 56	130 M12	175 Φ 160				
GS77	125 ^{-0.5} Φ 45k6	162 195	25 120	177 150	135 185	42 180 ^{-0.5}	70 301	34 101	25 14	50 48.5	75 90	Φ 17.5 5	69 80	135 M16	204 Φ 200				
GS87	150 ^{-0.5} Φ 60m6	190 255	30 155	230 200	180 250	50 225 ^{-0.5}	82 368	37.5 130	30 18	60 64	92 120	Φ 22 5	67 110	180 M20	247 Φ 250				
GS97	180 ^{-0.5} Φ 70m6	240 295	35 170	295 250	235 300	60 280 ⁻¹	90 455	52 150	35 20	80 74.5	115 140	Φ 26 7.5	85 125	235 M20	320 Φ 300				

注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

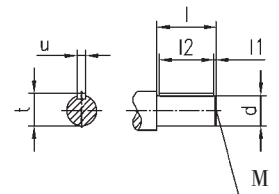
GSF37-97
安装结构尺寸

GSF37-97
Mounting Dimensional Description



GSF37-87

GSF97



规格 Specification	q	q ₁	h	h ₁	s	D	D ₁	D ₂	o ₁	O ₂	G	电机尺寸 Motor Size		
	p ₃	w	w ₁	u	t	l	l ₁	l ₂	d	M		AC	AD	L1
GSF37	143 131	80 115	82 _{-0.5} 57	/ 6	Φ9/Φ6.6 22.5	Φ130/Φ100 40	Φ110j6/Φ80j6 4	Φ160/Φ120 32	3.5/3 Φ20k6	10/8 M6	Φ120	见附录 A-2 Please see appendix A-2		
GSF47	171 179	96 133.5	100 _{-0.5} 57.5	8 8	Φ9 28	Φ130 50	Φ110j6 5	Φ160 40	3.5 Φ25k6	10 M10	Φ120			
GSF57	187 189	107 160	112 _{-0.5} 72	20 8	Φ11 33	Φ165 60	Φ130j6 3.5	Φ200 50	3.5 Φ30k6	12 M10	Φ120			
GSF67	242 236	135 196.5	140 _{-0.5} 80.5	22 10	Φ11 38	Φ165 70	Φ130j6 7	Φ200 56	3.5 Φ35k6	12 M12	Φ160			
GSF77	287 301	162 240.5	180 _{-0.5} 101	34 14	Φ13.5 48.5	Φ215 90	Φ180j6 5	Φ250 80	4 Φ45k6	15 M16	Φ200			
GSF87	340 368	190 297.5	225 _{-0.5} 120	37.5 18	Φ17.5 64	Φ300 120	Φ250h6 5	Φ350 110	5 Φ60m6	18 M20	Φ250			
GSF97	420 455	240 345	280 ₋₁ 140	52 20	Φ17.5 74.5	Φ400 140	Φ350h6 7.5	Φ450 125	5 Φ70m6	22 M20	Φ300			

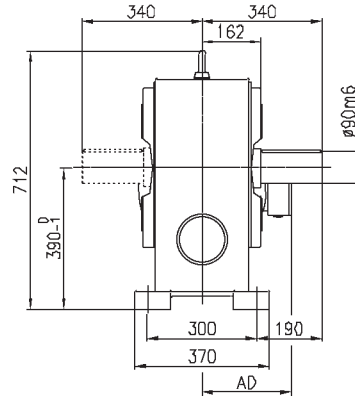
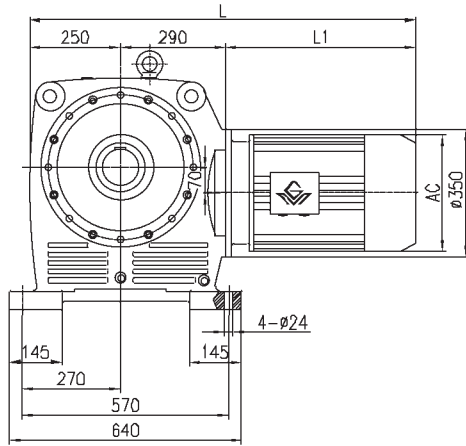
注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

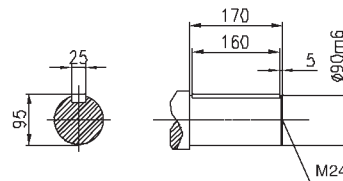
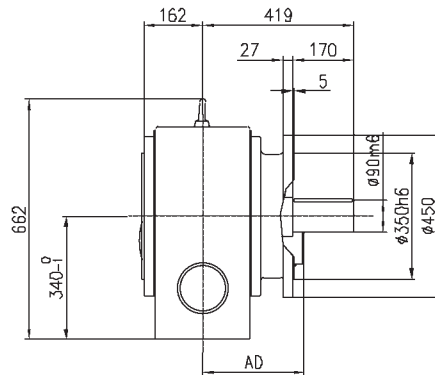
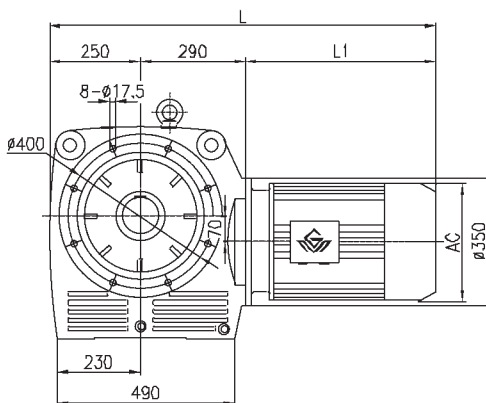
GS100/GSF100
安装结构尺寸

GS100/GSF100
Mounting Dimensional Description

GS100



GSF100



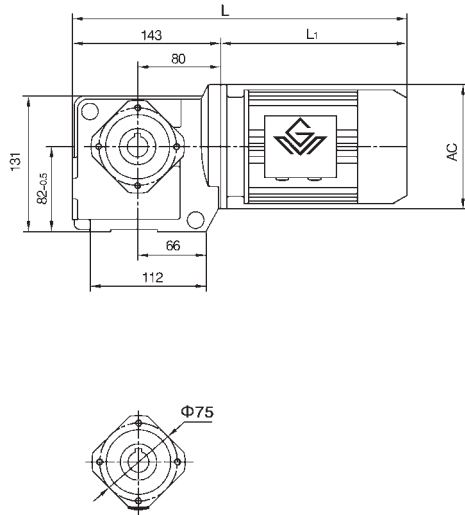
电机机座号 Motor frame size	100L	112M	132S	132M	160M	160L	180M	180L	200L
AC	215	240	275	275	330	330	380	380	420
AD	180	190	210	210	255	255	280	280	305
L1	325	340	390	430	505	560	590	630	660
L	865	880	930	970	1045	1100	1130	1170	1200

注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

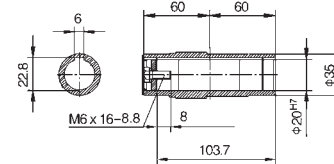
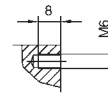
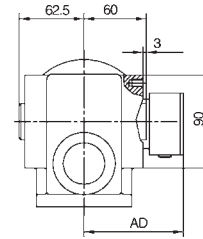
GSA37

安装结构尺寸



GSA37

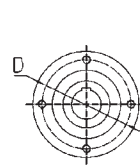
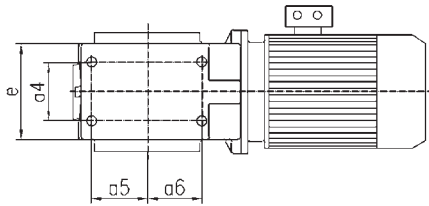
Mounting Dimensional Description



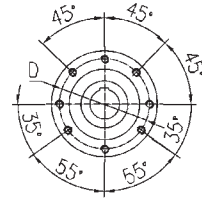
电机机座号 Motor frame size	63	71	80	90S	90L					
AC	130	145	175	195	195					
AD	70	80	145	155	155					
L1	207	225	255	270	295					
L	350	368	398	413	438					

注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

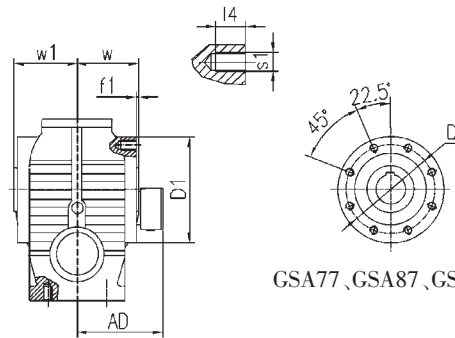
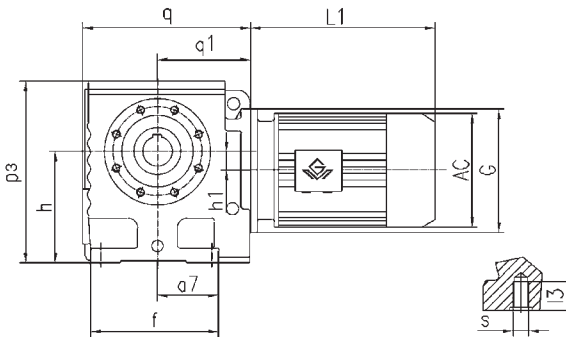
Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

GSA47-97
安装结构尺寸
GSA47-97
Mounting Dimensional Description


GSA47, GSA67

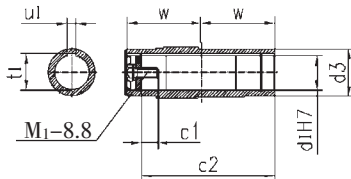


GSA57

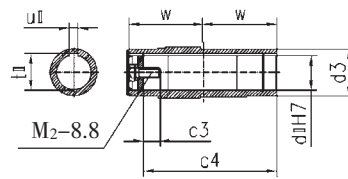


GSA77, GSA87, GSA97

较大孔径(The bigger diameter of bore)



较小孔径(The smaller diameter of bore)



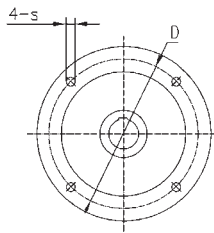
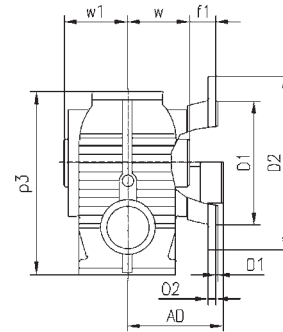
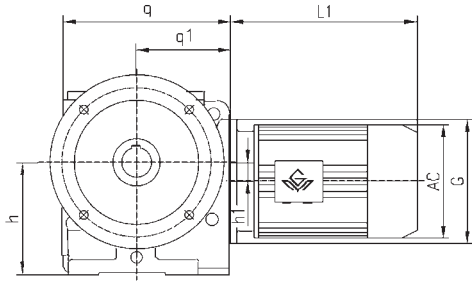
规格 Specification	e h ₁	a ₄ a ₇	a ₅ f	a ₆ w	s f ₁	l ₃ D ₁	s ₁ d ₃	l ₄ d ₁	D U _I	q t _I	q ₁ d _{II}	p ₃ u _{II}	h t _{II}	c ₁ c ₂	c ₃ c ₄	M ₁ M ₂	G W ₁	电机尺寸 Motor Size			
																		AC	AD	L1	
GSA47	94 8	60 67	35 127	52 60	M10 2.5	20 Φ 130	M8 Φ 45	12 Φ 30	Φ 115 8	171 33.3	96 Φ 25	179 8	100 _{-0.5} 28.3	17 103.7	17 103.7	M10x25 M10x25	Φ 120 63	见附录 A-2 Please see appendix A-2			
GSA57	100 20	60 73	58.5 146	58.5 75	M10 3	20 Φ 120	M8 Φ 50	12 Φ 35	Φ 102 10	187 38.3	107 Φ 30	189 8	112 _{-0.5} 33.3	22 132	17 132	M12x30 M10x25	Φ 120 78				
GSA67	128 22	88 95.5	71.5 182	80.5 84	M12 3.5	25 Φ 155	M12 Φ 65	20 Φ 45	Φ 130 14	242 48.8	135 Φ 40	236 12	140 _{-0.5} 43.3	29 144	29 144	M16x40 M16x40	Φ 160 87				
GSA77	156 34	102 104	85 204	85 105	M16 4	32 Φ 178	M12 Φ 80	20 Φ 60	Φ 155 18	287 64.4	162 Φ 50	301 14	180 _{-0.5} 53.8	37 183	32 183	M20x50 M16x45	Φ 200 108				
GSA87	194 37.5	118 125	115 260	110 125	M16 5	32 Φ 215	M16 Φ 95	26 Φ 70	Φ 180 20	340 74.9	190 Φ 60	368 18	225 _{-0.5} 64.4	34 220	36 220	M20x50 M20x50	Φ 250 128				
GSA97	236 52	160 140	135 301	113 145	M20 5	36 Φ 260	M16 Φ 120	26 Φ 90	Φ 220 25	420 95.4	240 Φ 70	455 20	280 ₋₁ 74.9	41 260	34 260	M24x60 M20x50	Φ 300 149				

注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

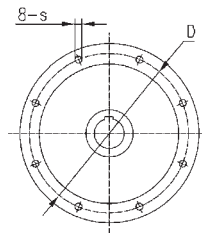
Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

GSAF37-97
安装结构尺寸

GSAF37-97
Mounting Dimensional Description

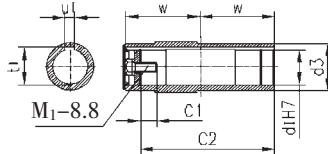


GSAF37-87

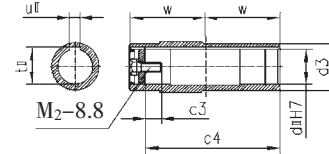


GSAF97

较大孔径(The bigger diameter of bore)



较小孔径(The smaller diameter of bore)



规格 Specification	q p ₃	q ₁ w	h f ₁	h ₁ d ₃	s dI	D UI	D ₁ tI	D ₂ dII	o ₁ uII	o ₂ tII	c ₁ c ₂	c ₃ c ₄	M ₁ M ₂	G W ₁	电机尺寸 Motor Size			
															AC	AD	L1	
GSAF37	143 131	80 60	82 ^{-0.5} 15	/ Φ 35	Φ 9/Φ 6.6 Φ 20	Φ 130/Φ 100 6	Φ 110j6/Φ 80j6 22.8	Φ 160/Φ 120 /	3.5/3 /	10/8 /	17 103.7	/ /	M6x16 /	Φ 120 62.5	见附录 A-2 Please see appendix A-2			
GSAF47	171 179	96 60	100 ^{-0.5} 24	8 Φ 45	Φ 9 Φ 30	Φ 130 8	Φ 110j6 33.3	Φ 160 Φ 25	3.5 8	10 28.3	17 103.7	17 103.7	M10x25 M10x25	Φ 120 63				
GSAF57	187 189	107 75	112 ^{-0.5} 25	20 Φ 50	Φ 11 Φ 35	Φ 165 10	Φ 130j6 38.3	Φ 200 Φ 30	3.5 8	12 33.3	22 132	17 132	M12x30 M10x25	Φ 120 78				
GSAF67	242 236	135 84	140 ^{-0.5} 42.5	22 Φ 65	Φ 11 Φ 45	Φ 165 14	Φ 130j6 48.8	Φ 200 Φ 40	3.5 12	12 43.3	29 144	29 144	M16x40 M16x40	Φ 160 87				
GSAF77	287 301	162 105	180 ^{-0.5} 45.5	34 Φ 80	Φ 13.5 Φ 60	Φ 215 18	Φ 180j6 64.4	Φ 250 Φ 50	4 14	15 53.8	37 183	32 183	M20x50 M16x45	Φ 200 108				
GSAF87	340 368	190 125	225 ^{-0.5} 52.5	37.5 Φ 95	Φ 17.5 Φ 70	Φ 300 20	Φ 250h6 74.9	Φ 350 Φ 60	5 18	18 64.4	34 220	36 220	M20x50 M20x50	Φ 250 128				
GSAF97	420 455	240 145	280 ⁻¹ 60	52 Φ 120	Φ 17.5 Φ 90	Φ 400 25	Φ 350h6 95.4	Φ 450 Φ 70	5 20	22 74.9	41 260	34 260	M24x60 M20x50	Φ 300 149				

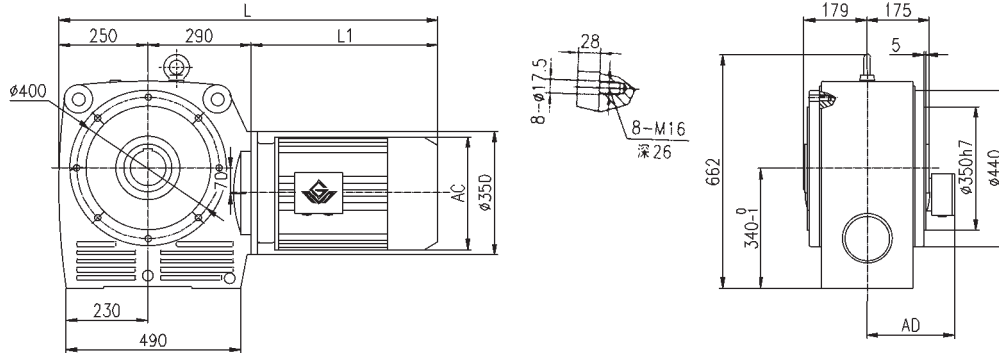
注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

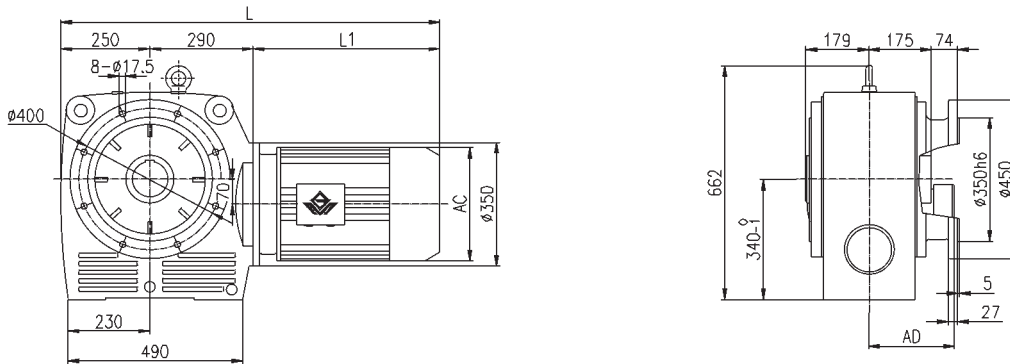
GSA100/GSAF100
安装结构尺寸

GSA100/GSAF100
Mounting Dimensional Description

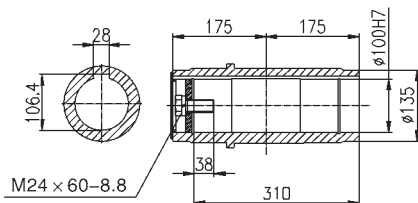
GSA100



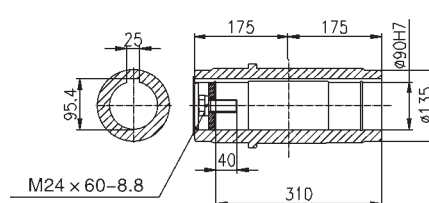
GSAF100



较大孔径 (The bigger diameter of bore)



较小孔径 (The smaller diameter of bore)



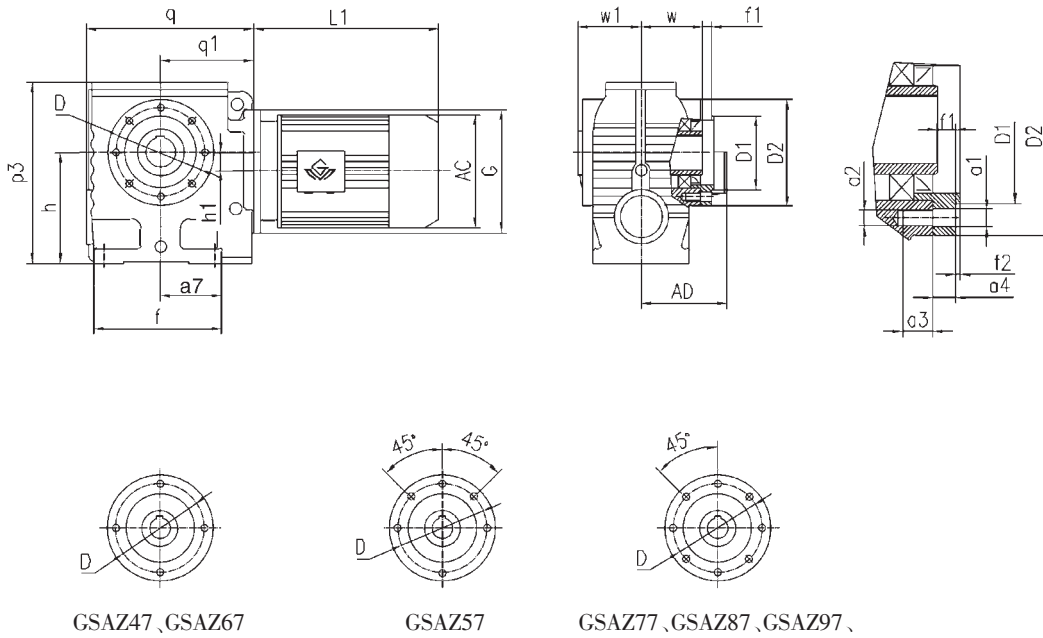
电机机座号 Motor frame size	100L	112M	132S	132M	160M	160L	180M	180L	200L
AC	215	240	275	275	330	330	380	380	420
AD	180	190	210	210	255	255	280	280	305
L1	325	340	390	430	505	560	590	630	660
L	865	880	930	970	1045	1100	1130	1170	1200

注: 电机需方配或配特殊电机时需加联接法兰 (见附录 D)

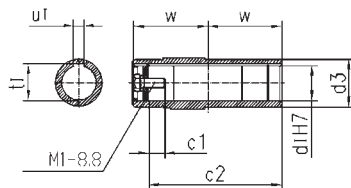
Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

GSAZ47-97
安装结构尺寸

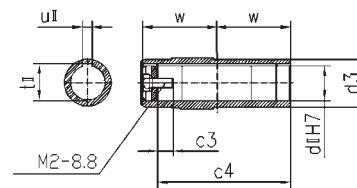
GSAZ47-97
Mounting Dimensional Description



较大孔径 (The bigger diameter of bore)



较小孔径 (The smaller diameter of bore)



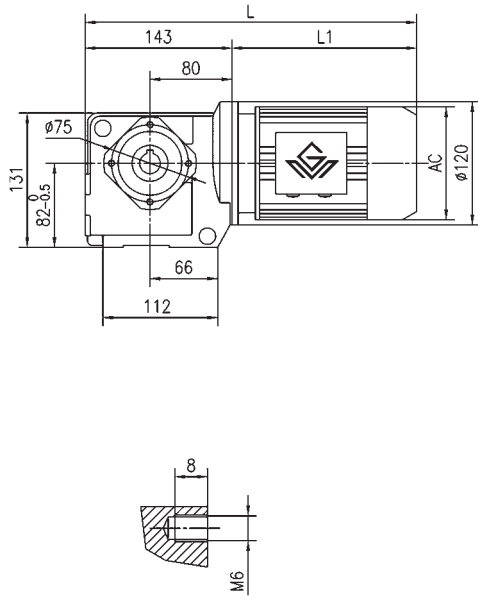
规格 Specification	d _I d _{II}	d ₃ G	M ₁ M ₂	q q ₁	h h ₁	p ₃ f	a ₇ f ₂	a ₂ f ₁	a ₃ a ₁	a ₄ D	D ₁ D ₂	w w ₁	tI UI	tII UII	c ₁ c ₂	c ₃ c ₄	电机尺寸 Motor Size			
																	AC	AD	L1	
GSAZ47	Φ 30 Φ 25	Φ 45 Φ 120	M10x25 M10x25	171 96	100 _{-0.5} 8	179 127	67 3	M8 8.5	12 Φ 9	11 Φ 115	Φ 95j6 Φ 130	60 63	33.3 8	28.3 8	17 103.7	17 103.7	见附录 A-2 Please see appendix A-2			
GSAZ57	Φ 35 Φ 30	Φ 50 Φ 120	M12x30 M10x25	187 107	112 _{-0.5} 20	189 146	73 3	M8 8	12 Φ 9	11 Φ 102	Φ 80j6 Φ 120	75 78	38.3 10	33.3 8	22 132	17 132				
GSAZ67	Φ 45 Φ 40	Φ 65 Φ 160	M16x40 M16x40	242 135	140 _{-0.5} 22	236 182	95.5 3.5	M12 9.5	20 Φ 13.5	13 Φ 130	Φ 105j6 Φ 155	84 87	48.8 14	43.3 12	29 144	29 144				
GSAZ77	Φ 60 Φ 50	Φ 80 Φ 200	M20x50 M16x45	287 162	180 _{-0.5} 34	301 204	104 4	/ 14.5	/ M12	18.5 Φ 155	Φ 125j6 Φ 180	105 108	64.4 18	53.8 14	37 183	32 183				
GSAZ87	Φ 70 Φ 60	Φ 95 Φ 250	M20x50 M20x50	340 190	225 _{-0.5} 37.5	368 260	125 5	/ 18.5	/ M16	23.5 Φ 180	Φ 150j6 Φ 215	125 128	74.9 20	64.4 18	34 220	36 220				
GSAZ97	Φ 90 Φ 70	Φ 120 Φ 300	M24x60 M20x50	420 240	280 ₋₁ 52	455 301	140 5	/ 18.5	/ M16	23.5 Φ 220	Φ 180j6 Φ 260	145 149	95.4 25	74.9 20	41 260	34 260				

注: 电机需方配或配特殊电机时需加联接法兰 (见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

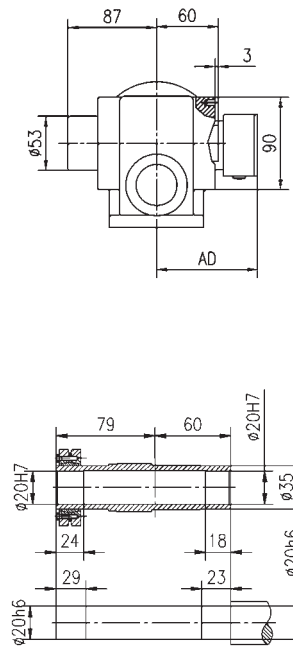
GSH37

安装结构尺寸



GSH37

Mounting Dimensional Description



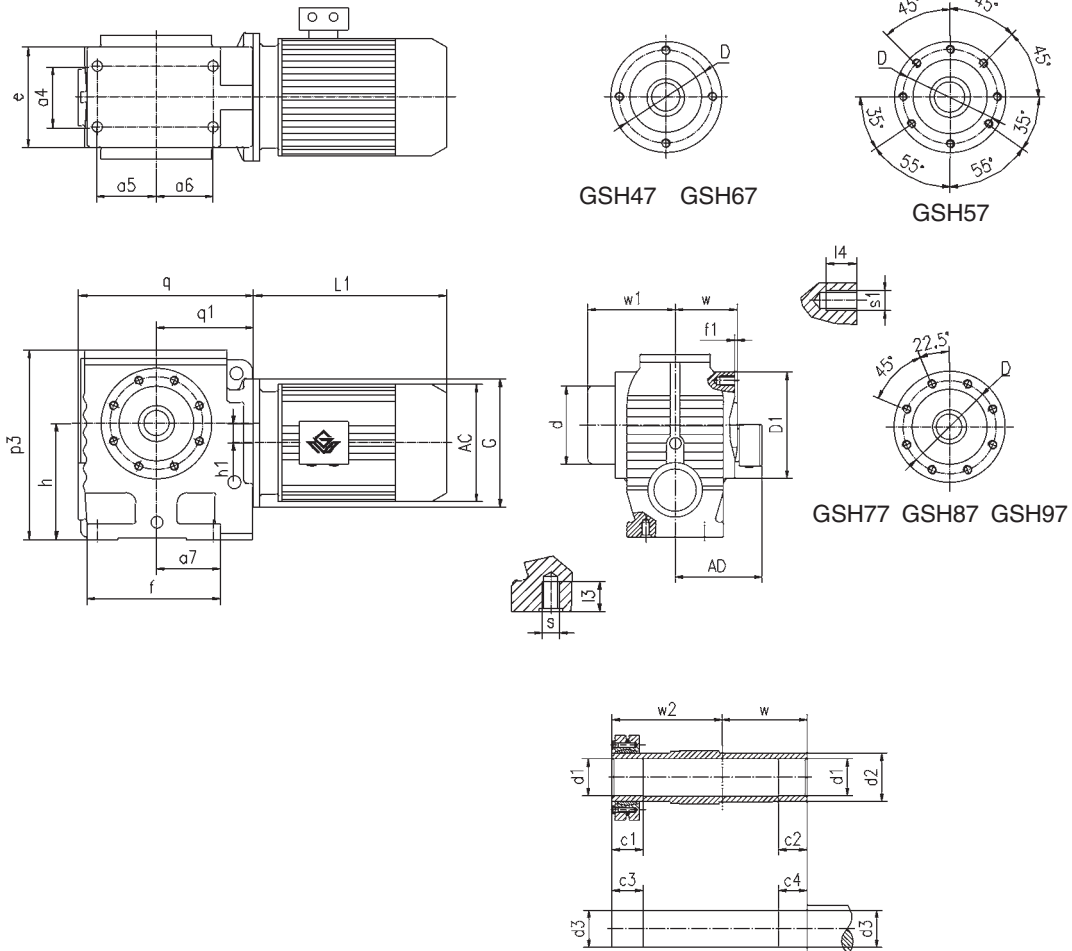
电机机座号 Motor frame size	63	71	80	90S	90L					
AC	130	145	175	195	195					
AD	70	80	145	155	155					
L1	207	225	255	270	295					
L	350	368	398	413	438					

注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

GSH47-97
安装结构尺寸

GSH47-97
Mounting Dimensional Description



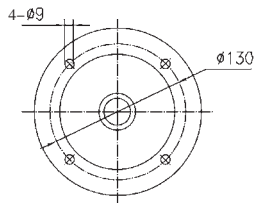
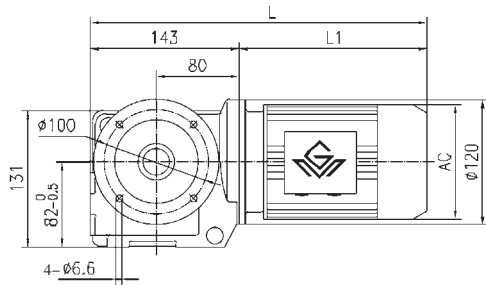
规格 Specification	q	e	a ₆	p ₃	h	f	w	c ₁	c ₃	D	d	d ₂	s	l ₃	w ₂	电机尺寸 Motor Size			
	q ₁	a ₄	a ₅	a ₇	h ₁	f ₁	w ₁	c ₂	c ₄	D ₁	d ₁	d ₃	s ₁	l ₄	G	AC	AD	L1	
GSH47	171 96	94 60	52 35	179 67	100 _{-0.5} 8	127 2.5	60 95	31 20	36 25	Φ 115 Φ 130	Φ 75 Φ 30H7	Φ 45 Φ 30h6	M10 M8	20 12	86 Φ 120	见附录 A-2 Please see appendix A-2			
GSH57	187 107	100 60	58.5 58.5	189 73	112 _{-0.5} 20	146 3	75 110	32 20	37 25	Φ 102 Φ 120	Φ 83 Φ 35H7	Φ 50 Φ 35h6	M10 M8	20 12	102 Φ 120				
GSH67	242 135	128 88	80.5 71.5	236 95.5	140 _{-0.5} 22	182 3.5	84 120	38 20	43 25	Φ 130 Φ 155	Φ 93 Φ 40H7	Φ 65 Φ 40h6	M12 M12	25 20	112 Φ 160				
GSH77	287 162	154 102	85 85	301 104	180 _{-0.5} 34	204 4	105 146	36 30	41 35	Φ 155 Φ 178	Φ 114 Φ 50H7	Φ 80 Φ 50h6	M16 M12	32 20	136 Φ 200				
GSH87	340 190	194 118	110 115	368 125	225 _{-0.5} 37.5	260 5	125 176	40 40	45 45	Φ 180 Φ 215	Φ 157 Φ 65H7	Φ 95 Φ 65h6	M16 M16	32 26	165 Φ 250				
GSH97	420 240	236 160	113 135	455 140	280 _{-1.0} 52	301 5	145 204	55 50	60 55	Φ 220 Φ 260	Φ 174 Φ 75H7	Φ 120 Φ 75h6	M20 M16	36 26	190 Φ 300				

注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

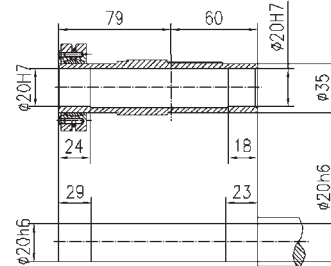
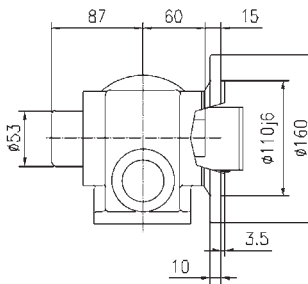
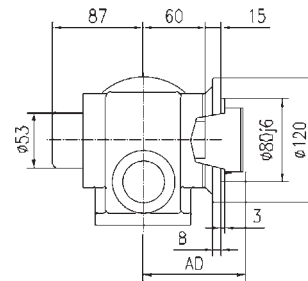
GSHF37

安装结构尺寸



GSHF37

Mounting Dimensional Description



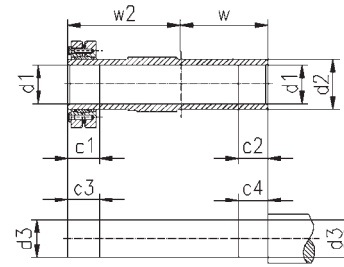
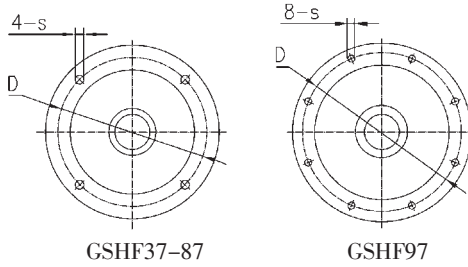
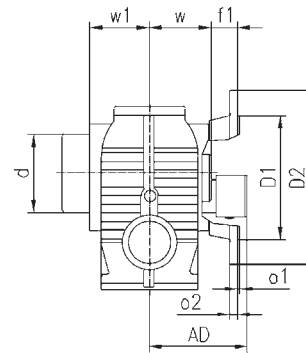
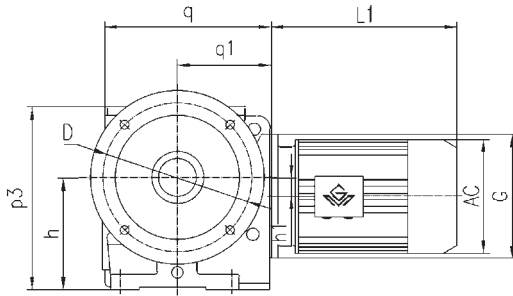
电机机座号 Motor frame size	63	71	80	90S	90L					
AC	130	145	175	195	195					
AD	70	80	145	155	155					
L1	207	225	255	270	295					
L	350	368	398	413	438					

注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

GSHF47-97
安装结构尺寸

GSHF47-97
Mounting Dimensional Description



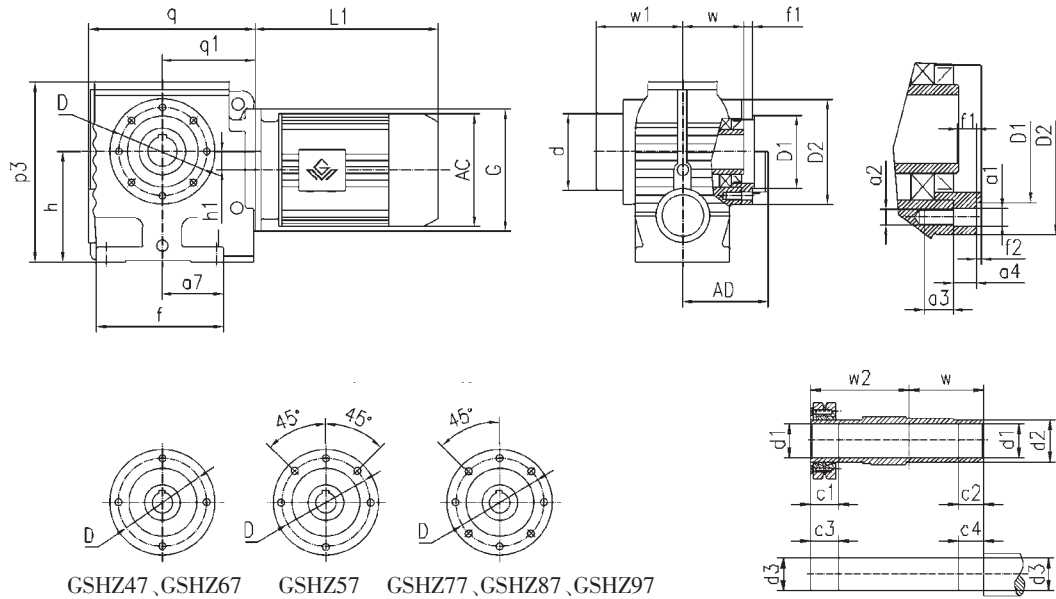
规格 Specification	q q1	h h1	s D	o ₂ o ₁	D ₂ D ₁	w w ₁	w ₂ c ₁	c ₂ f ₁	c ₃ c ₄	d d ₁	d ₂ d ₃	p ₃ G	电机尺寸 Motor Size		
													AC	AD	L1
GSHF47	171 96	100 _{.0.5} 8	Φ 9 Φ 130	10 3.5	Φ 160 Φ 110j6	60 95	86 31	20 24	36 25	Φ 75 Φ 30H7	Φ 45 Φ 30h6	179 Φ 120	见附录 A-2 Please see appendix A-2		
GSHF57	187 107	112 _{.0.5} 20	Φ 11 Φ 165	12 3.5	Φ 200 Φ 130j6	75 110	102 32	20 25	37 25	Φ 83 Φ 35H7	Φ 50 Φ 35h6	189 Φ 120			
GSHF67	242 135	140 _{.0.5} 22	Φ 11 Φ 165	12 3.5	Φ 200 Φ 130j6	84 120	112 38	20 42.5	43 25	Φ 93 Φ 40H7	Φ 65 Φ 40h6	236 Φ 160			
GSHF77	287 162	180 _{.0.5} 34	Φ 13.5 Φ 215	15 4	Φ 250 Φ 180j6	105 146	136 36	30 45.5	41 35	Φ 114 Φ 50H7	Φ 80 Φ 50h6	301 Φ 200			
GSHF87	340 190	225 _{.0.5} 37.5	Φ 17.5 Φ 300	18 5	Φ 350 Φ 250h6	125 176	165 40	40 52.5	45 45	Φ 157 Φ 65H7	Φ 95 Φ 65h6	368 Φ 250			
GSHF97	420 240	280 _{.1.0} 52	Φ 17.5 Φ 400	22 5	Φ 450 Φ 350h6	145 204	190 55	50 60	60 55	Φ 174 Φ 75H7	Φ 120 Φ 75h6	455 Φ 300			

注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

GSHZ47-97
安装结构尺寸

GSHZ47-97
Mounting Dimensional Description



GSHZ47, GSHZ67 GSHZ57 GSHZ77, GSHZ87, GSHZ97

规格 Specifi- cation	d d ₁	d ₃ d ₂	q q ₁	h h ₁	p ₃ f	a ₇ f ₂	a ₂ f ₁	a ₃ a ₁	a ₄ D	D ₁ D ₂	c ₁ c ₂	c ₃ c ₄	w w ₁	w ₂ G	电机尺寸 Motor Size			
															AC	AD	L1	
GSHZ47	Φ 75 Φ 30H7	Φ 30h6 Φ 45	171 96	100 ^{±0.5} 8	179 127	67 3	M8 8.5	12 Φ 9	11 Φ 115	Φ 95j6 Φ 130	31 20	36 25	60 95	86 Φ 120	见附录 A-2 Please see appendix A-2			
GSHZ57	Φ 83 Φ 35H7	Φ 35h6 Φ 50	187 107	112 ^{±0.5} 20	189 146	73 3	M8 8	12 Φ 9	11 Φ 102	Φ 80j6 Φ 120	32 20	37 25	75 110	102 Φ 120				
GSHZ67	Φ 93 Φ 40H7	Φ 40h6 Φ 65	242 135	140 ^{±0.5} 22	236 182	95.5 3.5	M12 9.5	20 Φ 13.5	13 Φ 130	Φ 105j6 Φ 155	38 20	43 25	84 120	112 Φ 160				
GSHZ77	Φ 114 Φ 50H7	Φ 50h6 Φ 80	287 162	180 ^{±0.5} 34	301 204	104 4	/ 14.5	/ M12	18.5 Φ 155	Φ 125j6 Φ 180	36 30	41 35	105 146	136 Φ 200				
GSHZ87	Φ 157 Φ 65H7	Φ 65h6 Φ 95	340 190	225 ^{±0.5} 37.5	368 260	125 5	/ 18.5	/ M16	23.5 Φ 180	Φ 150j6 Φ 215	40 40	45 45	125 176	165 Φ 250				
GSHZ97	Φ 174 Φ 75H7	Φ 75h6 Φ 120	420 240	280 ^{±1.0} 52	455 301	140 5	/ 18.5	/ M16	23.5 Φ 220	Φ 180j6 Φ 260	55 50	60 55	145 204	190 Φ 300				

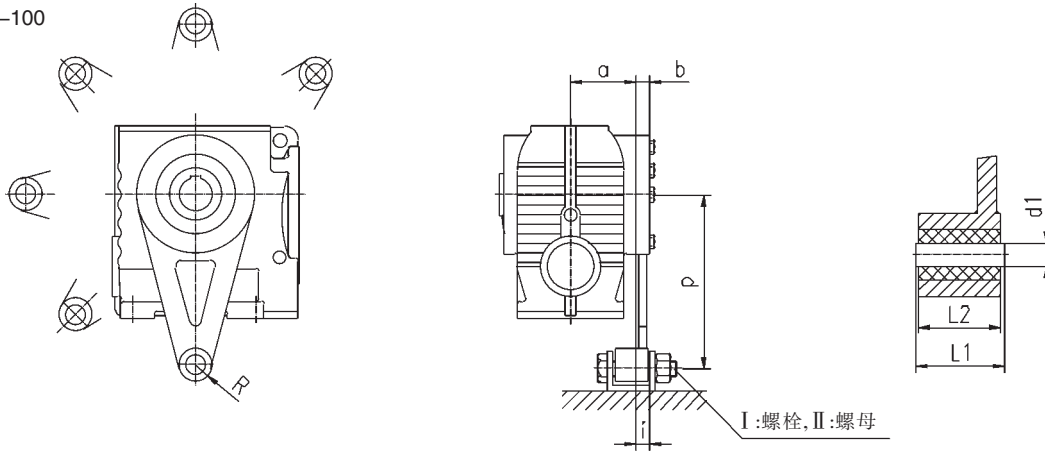
注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

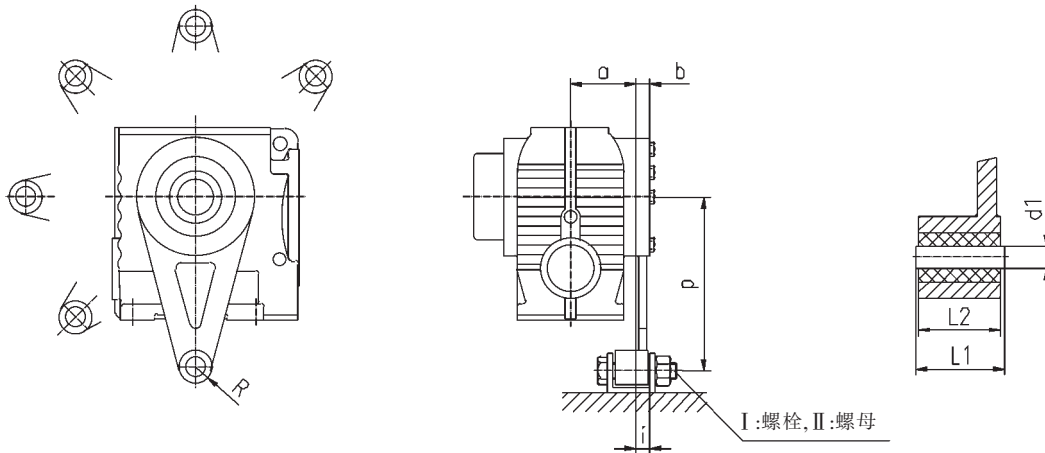
GSAT37-100/GSHT47-97
安装结构尺寸

GSAT37-100/GSHT47-97
Mounting Dimensional Description

GSAT37-100



GSHT47-97



机型号 Type Size	a	b	i	p	R	d_1	$L_{1-0.3}$	L_2
GSAT37/GSHT37	57	10	26	110	21	$10.4^{+0.1}_{-0.1}$	36	31
GSAT47/GSHT47	57.5	15	20.5	130	21	$10.4^{+0.1}_{-0.1}$	36	31
GSAT57/GSHT57	72	15	18.5	160	21	$10.4^{+0.1}_{-0.1}$	36	31
GSAT67/GSHT67	80.5	18	19.5	200	21	$10.4^{+0.1}_{-0.1}$	36	31
GSAT77/GSHT77	101	18	32.5	250	30	$16.4^{+0.08}_{-0.08}$	60	54
GSAT87/GSHT87	120	24	25.5	310	30	$16.4^{+0.08}_{-0.08}$	60	54
GSAT97/GSHT97	140	26	33	380	40	$25^{+0.08}_{-0.08}$	80	72
GSAT100	162	24	49	430	40	$25^{+0.08}_{-0.08}$	80	74

其它尺寸请参照 GSA 和 GSH 型。

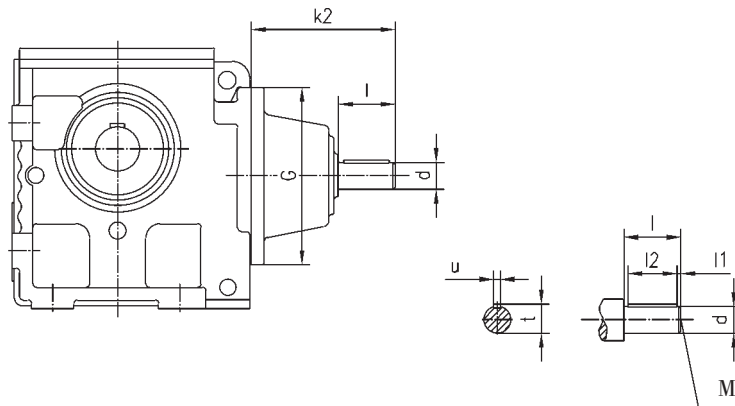
注: I :螺栓、II :螺母用户自配。

For other dimensions, see the type GSA and GSH.

Note: bolts I and nuts II are prepared by customers.

GS..SZ37-100AD1-6
安装结构尺寸

GS..SZ37-100AD1-6
Mounting Dimensional Description



GS..SZ37-100AD1-6 安装结构尺寸 (GS..SZ37-100AD1-6 Mounting Dimensional Description)

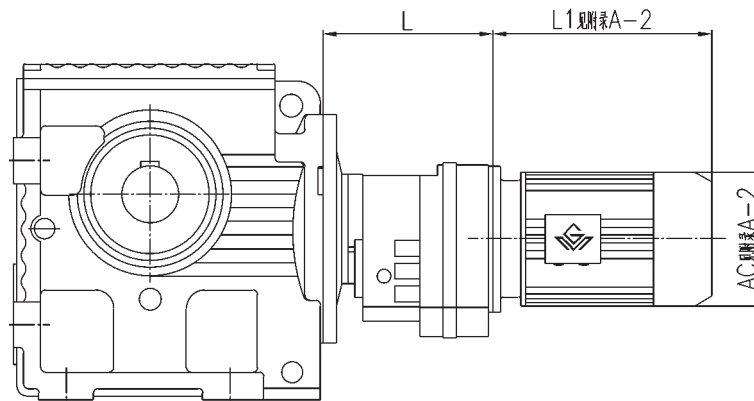
机型号 Type Size		d	G	k ₂	l	M	l ₁	l ₂	t	u
GS..SZ37/47/57	AD1	16k6	Φ 120	115	40	M5	4	32	18	5
	AD2	19k6	Φ 120	115	40	M6	4	32	21.5	6
GS..SZ67	AD2	19k6	Φ 160	120	40	M6	4	32	21.5	6
	AD3	24k6	Φ 160	130	50	M8	5	40	27	8
GS..SZ77	AD2	19k6	Φ 200	130	40	M6	4	32	21.5	6
	AD3	24k6	Φ 200	140	50	M8	5	40	27	8
	AD4	38k6	Φ 200	140	50	M12	5	40	41	10
GS..SZ87	AD2	19k6	Φ 250	160	40	M6	4	32	21.5	6
	AD3	28k6	Φ 250	180	60	M10	5	50	31	8
	AD4	38k6	Φ 250	200	80	M12	5	70	41	10
	AD5	42k6	Φ 250	200	80	M16	5	70	45	12
GS..SZ97	AD3	28k6	Φ 300	200	60	M10	5	50	31	8
	AD4	38k6	Φ 300	220	80	M12	5	70	41	10
	AD5	42k6	Φ 300	220	80	M16	5	70	45	12
	AD6	48k6	Φ 300	220	80	M16	5	70	51.5	14
GS..SZ100	AD3	28k6	Φ 350	220	60	M10	5	50	31	8
	AD4	38k6	Φ 350	240	80	M12	5	70	41	10
	AD5	42k6	Φ 350	270	110	M16	10	90	45	12
	AD6	48k6	Φ 350	270	110	M16	10	90	51.5	14

其它尺寸请参照 GS 型。

注:GSA/GSAF/GSF/GSAZ/GSH/GSHF/GSHZ 均可采用双轴型, 并分别记为 GSASZ..AD..、GSAFSZ..AD..、GSFSZ..AD..、GSAZSZ..AD..、GSHSZ..AD..、GSHFSZ..AD..和 GSHZSZ..AD..。

For other dimensions, see the type GS.

Note: double shafts type is also available for type GSA/GSAF/GSF/GSAZ/GSH/GSHF/GSHZ, and these double shafts types are respectively named type GSASZ..AD..、GSAFSZ..AD..、GSFSZ..AD..、GSAZSZ..AD..、GSHSZ..AD..、GSHFSZ..AD..and GSHZSZ..AD..

GS..R..
安装结构尺寸
GS..R..
Mounting Dimensional Description


机型号 Type Size	电机机座号 Motor frame size	L
GS..37R17	63	131
	71	
GS..47R17 GS..57R17	63	131
	71	
	80	
GS..67R37	63	157
	71	
	80	
GS..77R37	63	157
	71	
	80	
	90	
GS..87R57	63	187
	71	
	80	
	90	
	100	
GS..97R57	63	187
	71	
	80	
	90	
	100	
	112	
GS..100R77	63	220
	71	
	80	
	90	
	100	

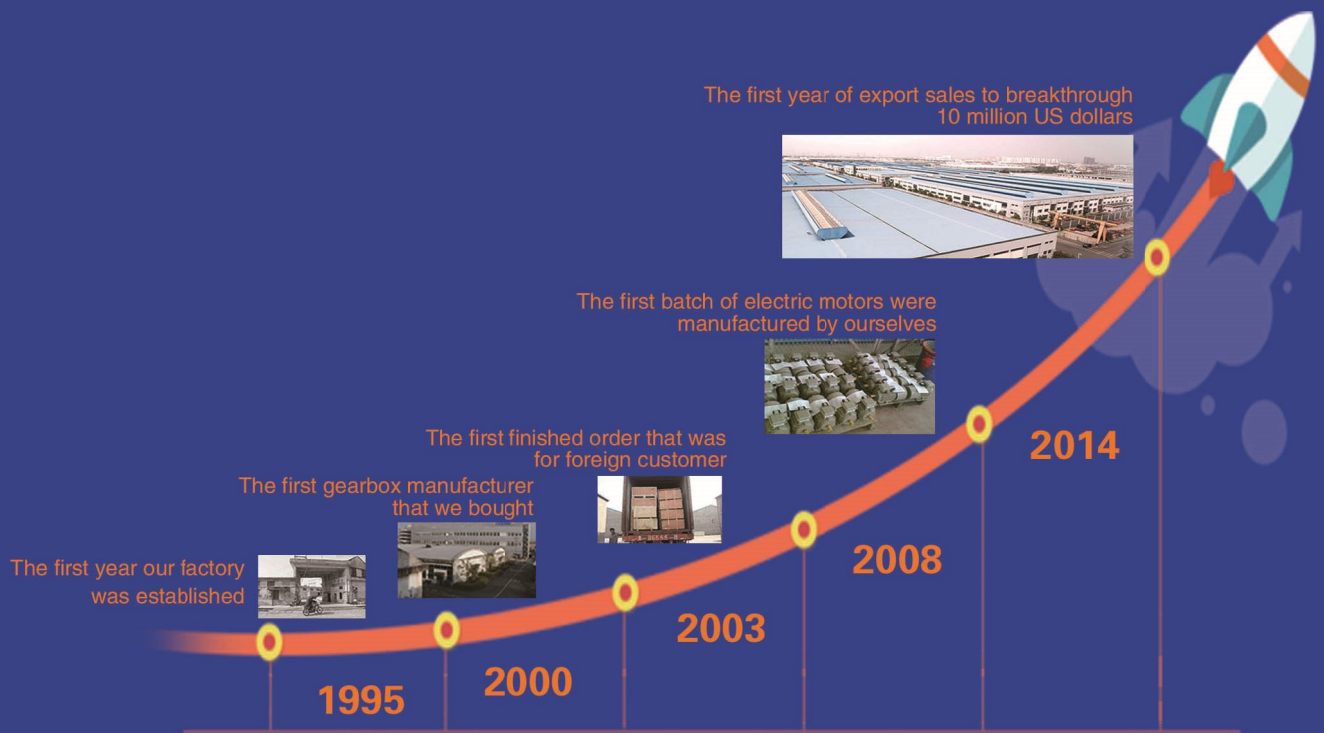
注:GSA/GSAF/GSF/GSAZ/GSH/GSHF/GSHZ 均可采用串联组合机型

Note: Combined type is also available for type GSA/GSAF/GSAZ/GSH/GSHF/GSHZ.

注:电机需方配或配特殊电机时需加联接法兰(见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected.(Please see appendix D)

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