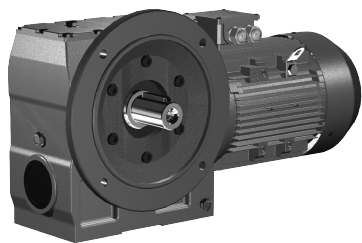
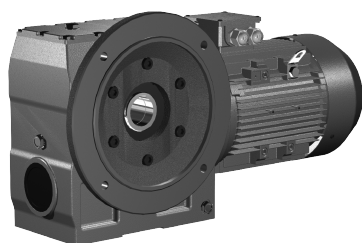


WS系列斜齿-蜗轮减速器

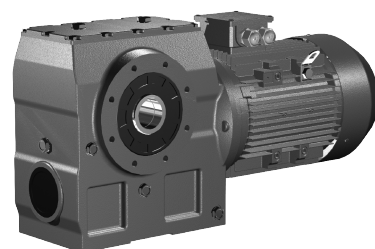
WS SERIES HELICAL - WORMGEARMOTOR



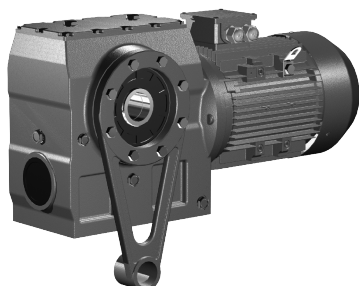
WSF 型 Model WSF
B5法兰安装圆柱蜗杆减速机
B5 flange-mounted helical-worm gear reductor



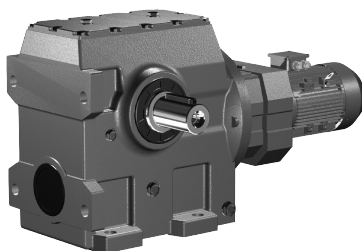
WSAF 型 Model WSAF
B5法兰空心轴安装圆柱蜗杆减速机
B5 flange-mounted helical-worm gear reductor with hollow shaft



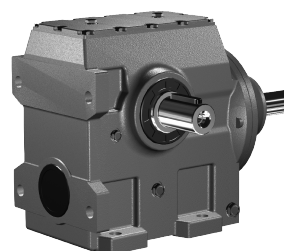
WSA 型 Model WSA
空心轴安装圆柱蜗杆减速机
Helical-worm gear reductor with hollow shaft



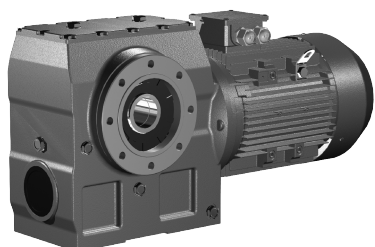
WSAT 型 Model WSAT
空心轴安装防转臂固定圆柱蜗杆减速机
Helical-worm gear reductor in torque-arm version with hollow shaft



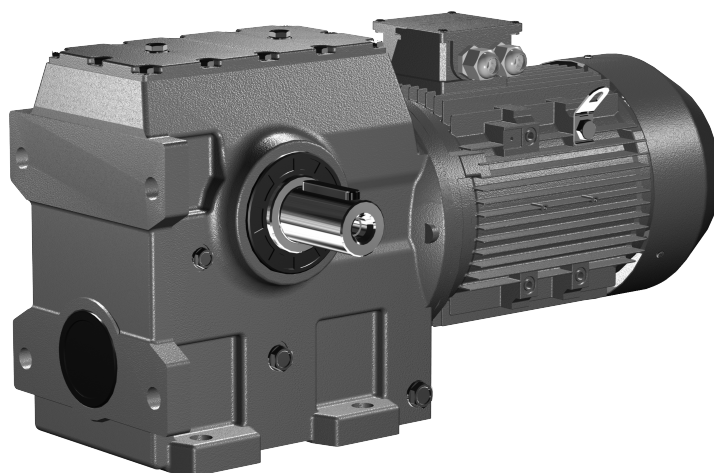
WS..WR 型 Model WS..WR
WS系列与WR.7系列组合减速机
Combination of WS model and WR..7 model



WS..S 型 Model WS..S
输入轴型，即配输入轴不配电动机的圆柱蜗杆减速机
Input-shaft style in another word helical-worm gear reductor equipped with input shaft but without the motor



WSAZ 型 Model WSAZ
小法兰空心轴安装圆柱蜗杆减速机
Short-flange mounted helical-worm gear units with hollow shaft



WS 型 Model WS
底脚安装圆柱蜗杆减速机
Foot-mounted helical-worm gear reductor

一、性能特点 Characteristics:

1. 午马 减速机是在模块组合体系的基础上设计的, 可以方便地配用各种型式的电动机或采用其它动力输入。同种机型可配用多种功率的电动机。容易实现各种机型之间的组合联接。
 2. 传动效率高, 单机型减速机效率高达96%。
 3. 传动比划分细, 范围广。组合机型可以形成较大的传动比, 输出转速低。
 4. 安装形式多样: 可任意底脚、B5法兰或B14 法兰安装, 底脚安装减速机有两个机加工的底脚安装平面。
1. WUMA reducers are based on the building block design, so it's convenient for them to fit all types of motors or to connect with other power input. The same type of reducers can fit motors with different power, so that it's possible for different types of machines to combine or connect.
 2. High transmission efficiency. A single machine can reach a transmission efficiency as much as 96%.
 3. Precise division of transmission ratio with a wide range. The combination of machines can produce a larger transmission ratio at a low output rotational speed.
 4. Various ways of installation. Horizontal installation at any position or flanged installation, The bottom feet installs the machine that deceleration machine have two bottom feet processes to install the flat surface.

二、场所条件 Working Environment:

1. 环境温度-40℃~50℃。(0℃以下启动时润滑油要加热到0℃以上。)
 2. 海拔不超过1000米。
 3. 输入转速不大于1800rpm, 齿轮最高圆周速度不超过22m/s。
 4. 可用于正反旋转。
 5. 无行业限制。
 6. 其他条件下使用请与我公司技术部联系。
1. Working temperature: -40°C~50°C (The lubrication should be heated until above 0°C if the machine works Below 0°C.)
 2. The working place should be lower than 1,000 meters above sea level.
 3. The input rotational speed should not exceed 1,800r/m. The circumferential speed of the gear should not exceed 20m/s.
 4. Suitable for normal-reverse rotation.
 5. Without industry limitation.
 6. Please consult our technical supporting department for other circumstances.

三、选型指南 Instructions for Selection:

在确定使用系数之前必须先确定一天的运行小时数, 每小时的起停次数和负载类型。其中负载类型按下列公式计算:
The daily operating time, the starting frequency and the load classifications be determined before deciding the service factor. The load classifications is calculated with the following formula:

负载类型 Load classification

- I 均匀负载, 惯性加速系数 ≤ 0.2
 - II 中等冲击负载, 惯性加速系数 ≤ 3
 - III 强烈冲击负载, 惯性加速系数 ≤ 10
- Uniform load, mass acceleration factor ≤ 0.2
Medium Impact Load, mass acceleration factor ≤ 3
Heavy shock Load, mass acceleration factor ≤ 10
- 如果惯性加速系数 > 10, 请与我公司技术部联系。

$$\text{惯性加速系数} = \frac{\text{所有外部转动惯量}}{\text{驱动电机的转动惯量}}$$

实际的工况系数 f_A 必须满足下式: 使用系数 $f_B \geq$ 工况系数 f_A
使用系数 f_B 已在后面的选型参数表中列出。

允许的轴伸径向载荷及轴向载荷

输出轴端允许的径向载荷及轴向载荷资料, 请与我公司技术部联系。

减速机的使用与维护请参阅随机附带的《减·变速机使用说明书》。

Please contact our technical supporting department in case the mass acceleration factor >10 .

$$\text{Mass acceleration factor} = \frac{\text{All external mass moments of Inertia}}{\text{Mass moment of inertia on the motor end}}$$

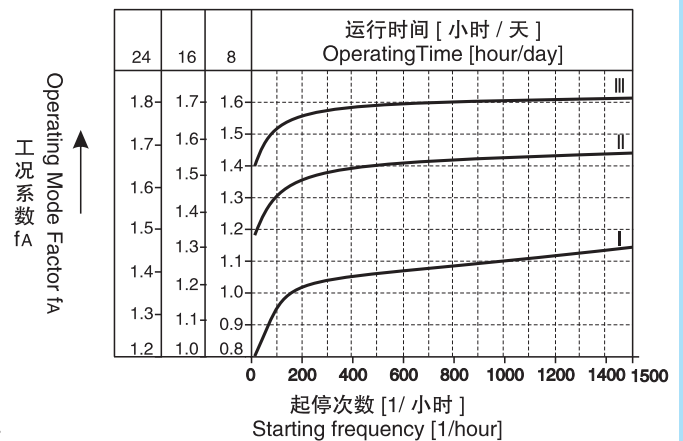
The actual operating mode factor (f_A) should meet the following formula: Service factor $f_B \geq$ operating mode factor f_A

The service factor f_B is listed in the parameter selection list.

The permitted overhung loads and the axial forces.

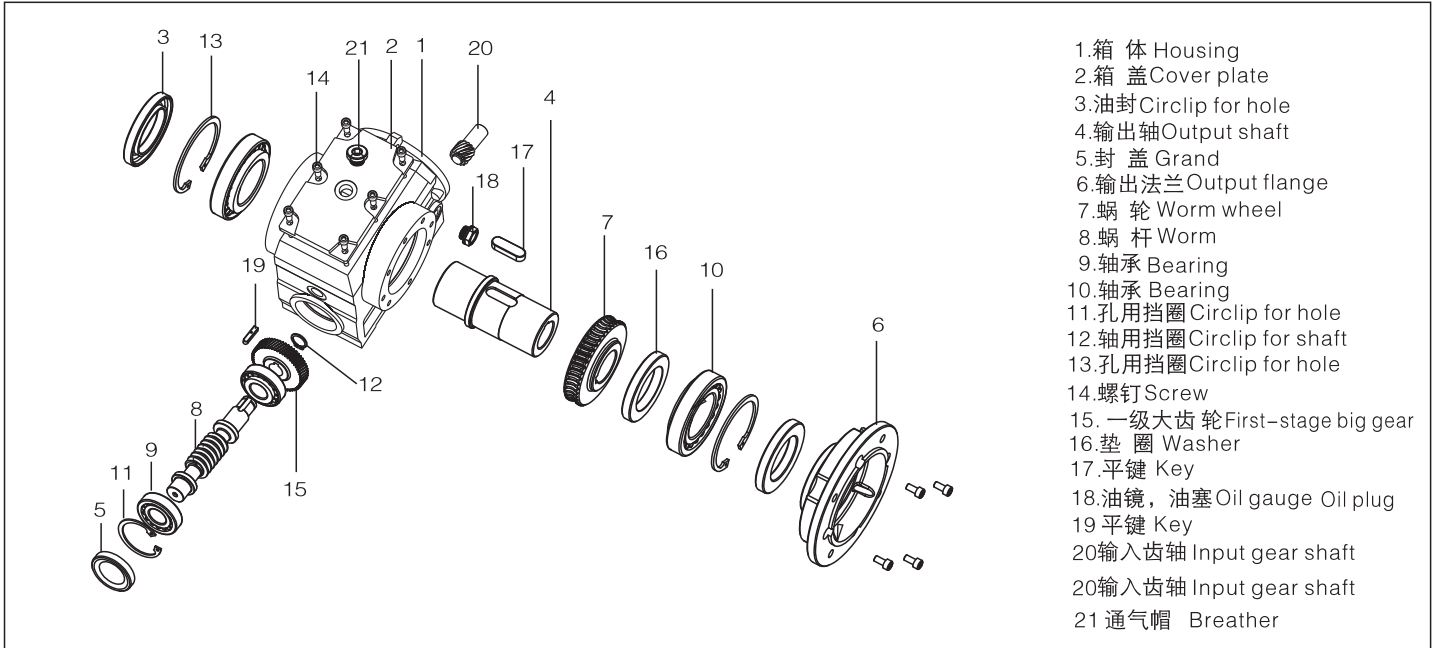
Please contact our technical supporting department for the information on the permitted overhung loads and the axial forces at the output end of the shaft.

Regarding the use and maintenance of the reducer, please refer to the attached Instruction Manual of the Reductor and the Variable Speed Motor.



四、结构形式 Mounting type:

WS系列结构图:/WS series structure drawing:



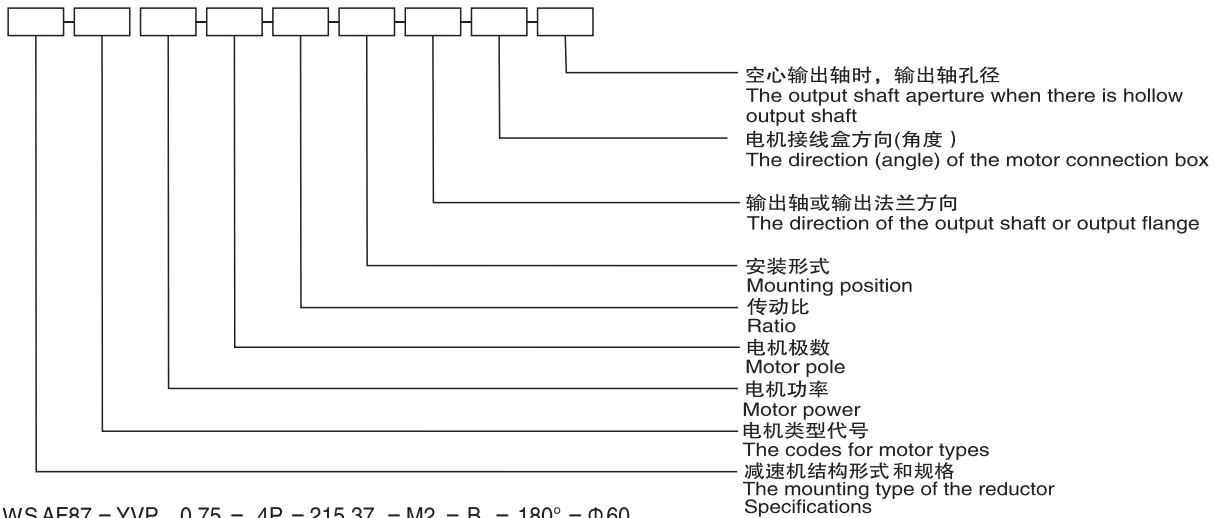
WS系列斜齿轮蜗轮减速机型号规格及机型表示方法:

本系列减速器的型号规格有:WS(37、47、57、67、77、87、97)等7种, 减速比有6.8~288等多种速比, 可分别配置0.18~37kW。

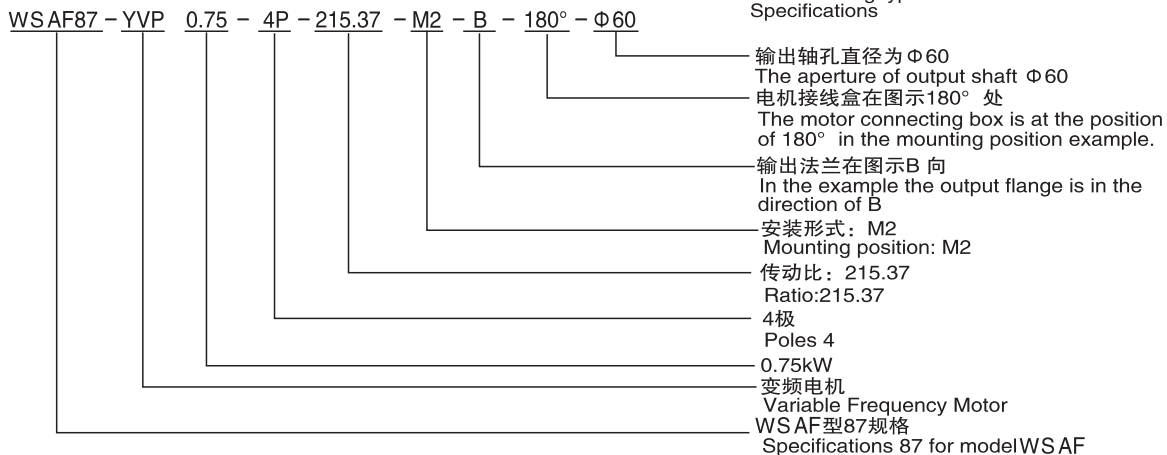
Type,specification and model notation for ws series helical gear speed reducers.:

Types,specifications of this series speed reducer have 7 kinds including WS37、47、57、67、77、87、97 etc, speed reducing ratio:6.8~288, which can be allocated to 0.18~37kW.

五、型号说明 Instructions for Models:



例:



- 注：1.输入轴型没有电动机的各项内容。
 2.无特别说明时Y系列电动机供货按IP54防护等级。
 3.不注明安装形式时，按安装形式图中M1安装形式供货。
 4.不注明接线盒角度时，按安装形式图中0度位置供货。
 5.WS、WSF、WSAF、WSAZ型减速机不注明输出轴或输出法兰方向时，按安装形式图中A向供货。
 6.对输出旋转方向与输入旋转方向有特殊要求的用户，请与我公司技术部联系。
 7.电机尺寸请查看电机外型尺寸表。

- Note:1. The input-shaft style is not equipped with any motor
 2. Motors of Y series are supplied with protection grade of IP54 unless otherwise specified.
 3. The mounting position of M1 as shown in the mounting position example is the default way when supplying unless otherwise specified.
 4. 0° as shown in the mounting position example is the default connection box angle when supplying unless otherwise specified.
 5. The mounting position of A as shown in the mounting position example is the default way when supplying reducers such as WS、WSF、WSAF、WSAZ model unless otherwise specified.
 6. Please contact our technical supporting department in case there's any special requirements on the output and input rotatory directions.
 7. About Motor size, please check table of motor's dimensions.

六、电机类型代号 Codes for Motor Types:

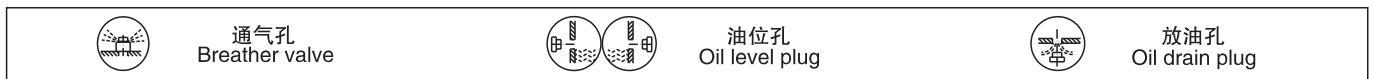
Y系列 Y series	Y	防爆电机 Flame-proof Motor	YB	直流电机 Direct Current Motor	Z
制动电机 Brake Motor	YEJ	辊道电机 Roll Motor	YG	变频电机 Variable Frequency Motor	YVP

七、联接法兰L2长度 Length of Connect Flange L2

WS..系列圆柱蜗杆减速机联接法兰L2长度表
 The form on length of the connect flange L2 of the helical-worm gear reductor of WS.. Series

减速机型号 Reducer type	电机机座号 Motor frame size	63	71	80	90	100	112	132	160	180
WS..37		61.5	61.5	80	80	—	—	—	—	—
WS..47		61.5	61.5	80	80	98	—	—	—	—
WS..57		61.5	61.5	80	80	98	—	—	—	—
WS..67		56	56	74.5	74.5	90.5	90.5	123	—	—
WS..77		50	50	68.5	68.5	82.5	82.5	111	152.5	—
WS..87		—	—	63.5	63.5	78.5	78.5	106	147.5	147.5
WS..97		—	—	57.5	57.5	72.5	72.5	101	142.5	142.5

八、安装形式图释义 Explanation of mounting position example

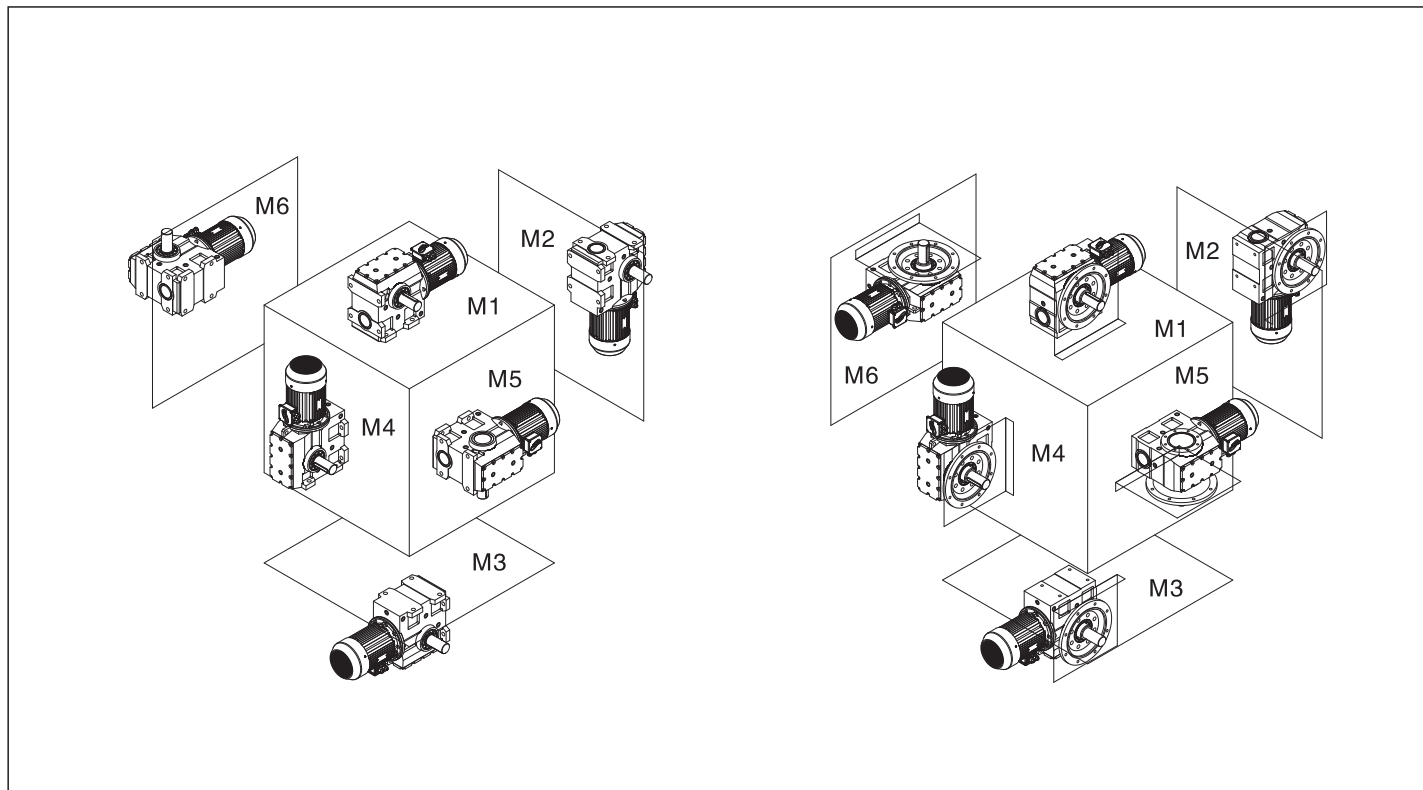


九、选型参数表释义 Explanation of Parameter Selection List

电机功率 Power (kW)	输出转速 Output speed (r/min)	输出转矩 Output torque (N·m)	传动比 Ratio (i)	使用系数 Service factor (fB)	机型号 Type	电机极数 Motor pole	重量 Weight (kg)
0.75	4.8	972	292.00	2.2	WS 87	4P	121
	5.3	886	264.00	2.4	WSA 87	4P	119
	5.7	830	245.88	2.6	WSF 87	4P	141
	6.0	780	229.78	2.8	WSAF87	4P	136
	6.5	736	215.37	2.9			
	6.9	696	202.40	3.1			

- 1.选型参数表中的机型号可与该栏中的任一传动比搭配。
 2.选型参数表中的参数也适用于WSAZ、WSAT机型号。
 1.The machine types in the parameter selection list can match any transmission ratio in the column.
 2.The parameters in this list also fits model WSAZ、WSAT.

WS系列安装方位图/ WS series installation direction diagram



WS系列油量表(单位kg) / WS series oil capacity table (Unit:kg)

安装方位 机型号	M1	M2	M3	M4	M5	M6
WS37	0.2	0.3	0.4	0.5	0.3	0.3
WS47	0.3	0.6	0.5	0.8	0.6	0.6
WS57	0.5	1	0.9	1.3	1.1	1.1
WS67	0.8	1.9	2	2.7	2.2	2.2
WS77	1.6	3.5	3.1	5	3.7	3.7
WS87	2.6	6.5	5.5	9.6	6.7	6.7
WS97	5.3	11.7	10.5	17.6	13.3	13.3

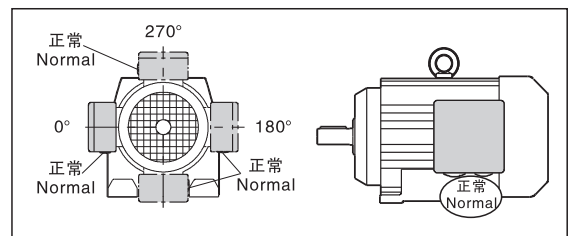
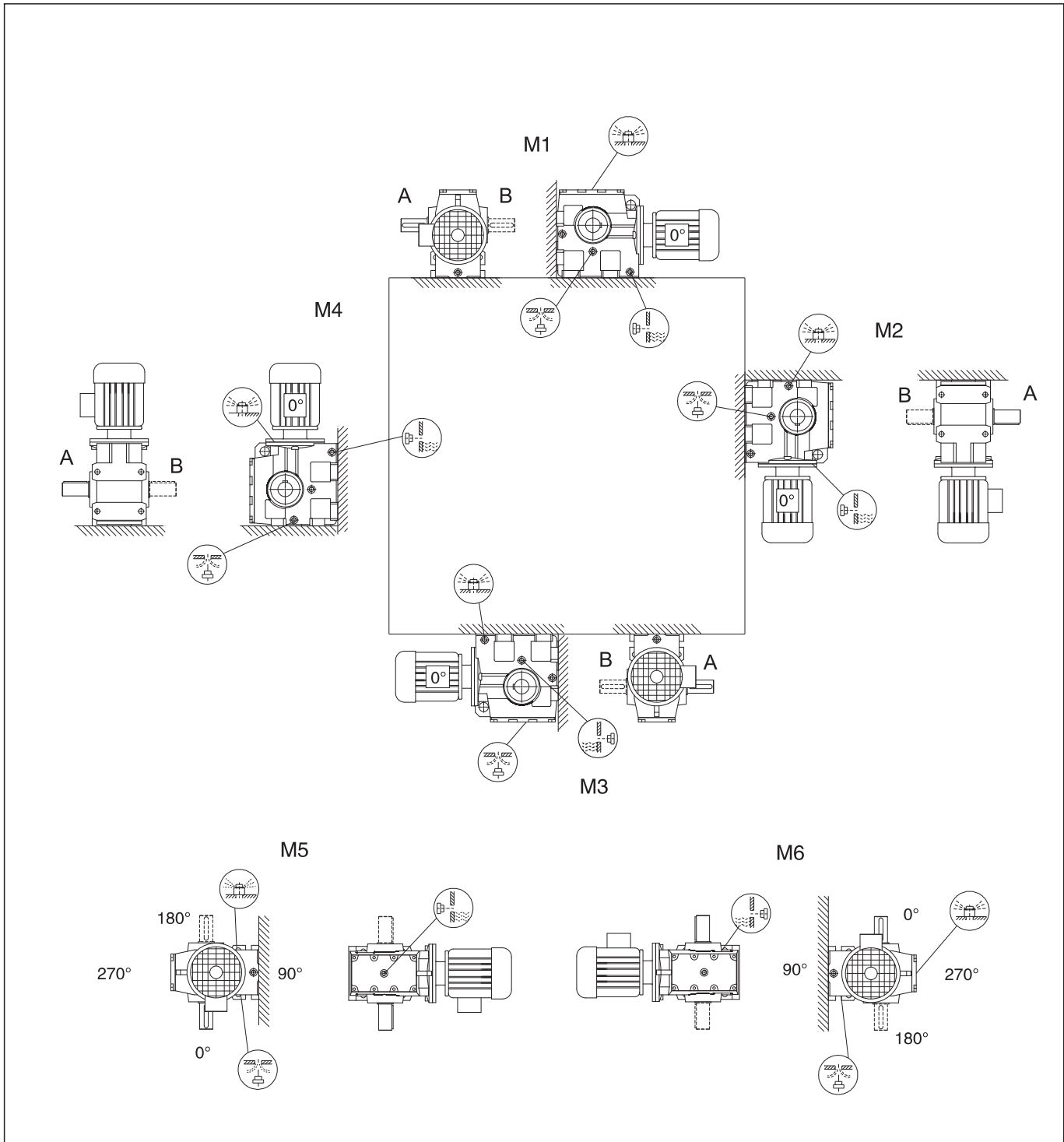
WS系列重量表 / WS series weight table

机型号/Type	WS37	WS47	WS57	WS67	WS77	WS87	WS97
重量kg/Weight kg	7.5	10	13.5	27	45	86	150

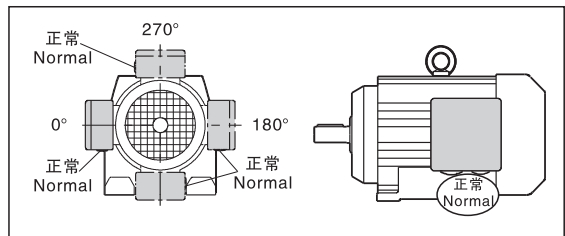
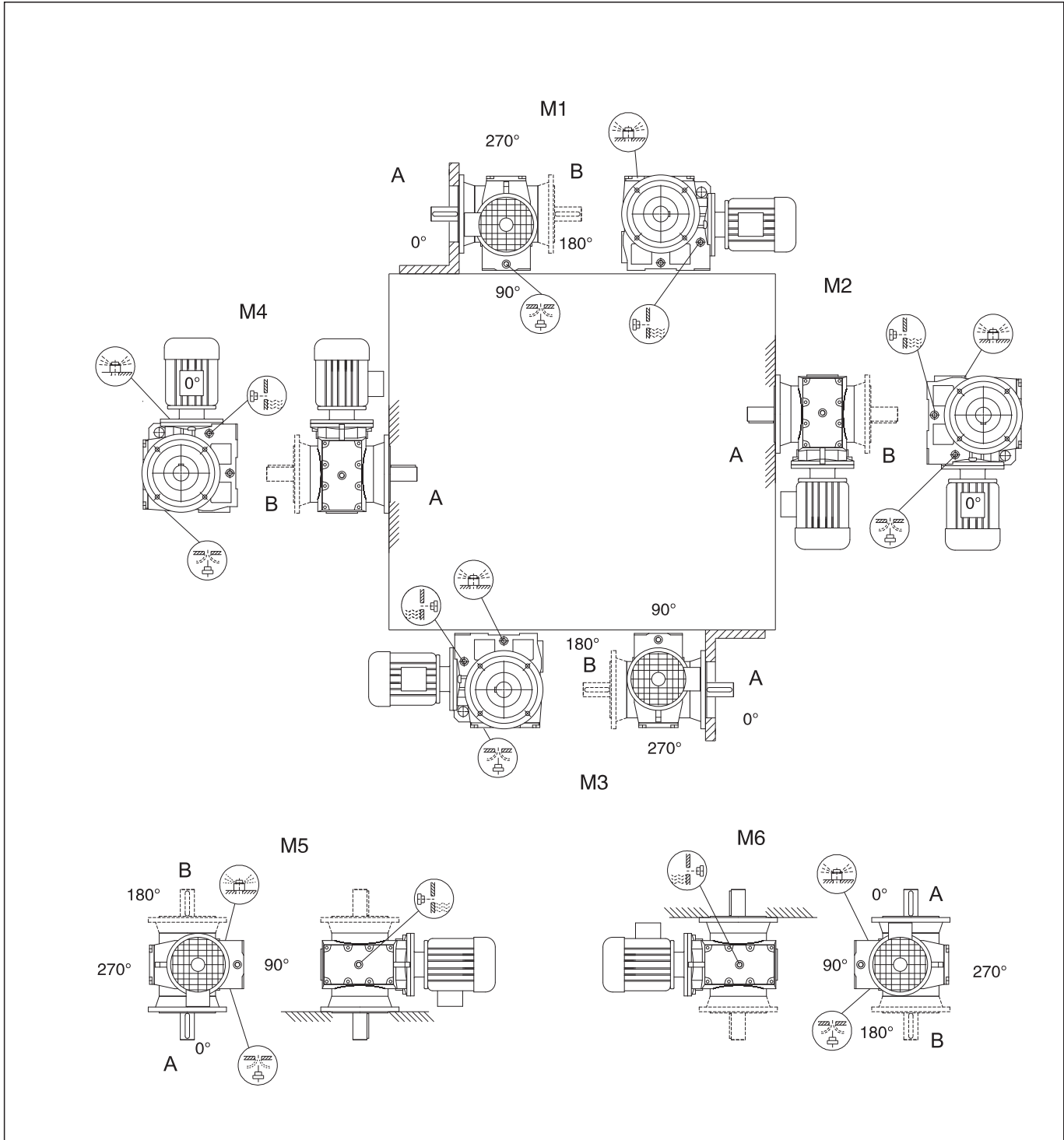
注：表中重量为不加油时重量，带输入轴、输入法兰另加10%；带电机根据所配规格另加。

Note: Weight in the table means the weight when oil is not added. When input shaft is furnished, 10% weight should be added; If there is a motor, please add weight according to motor type.

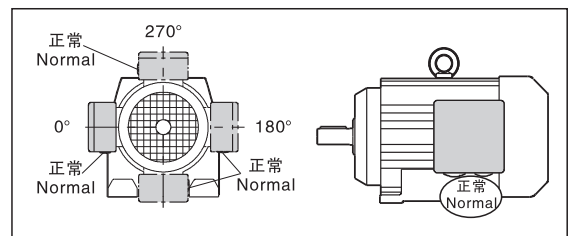
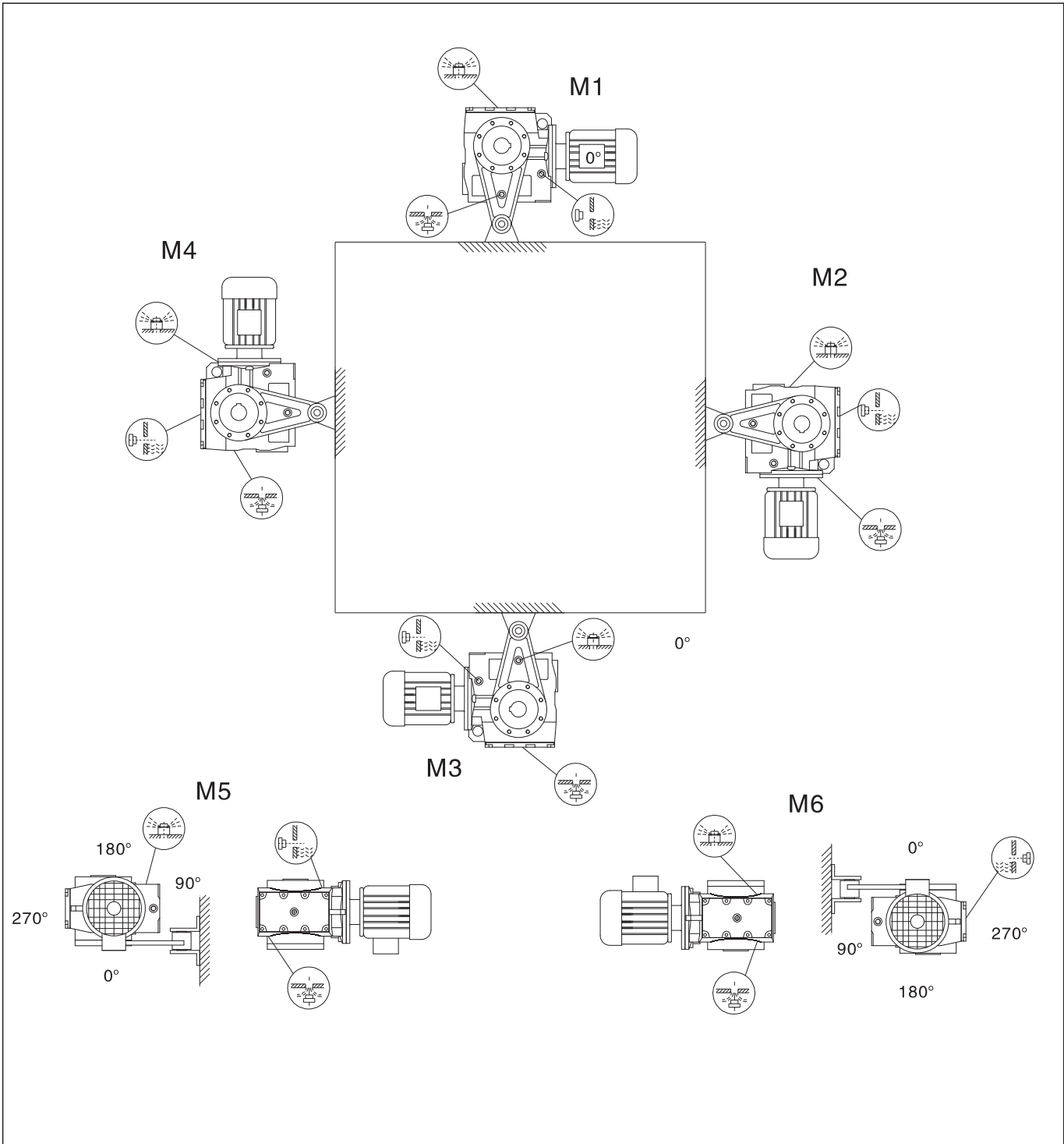
WS37-97 安装形式图 WS37-97 Mounting position example



WSF/WSAF/WSAZ37-97 安装形式图 WSF/WSAF/WSAZ37-97 Mounting position example



WSAT37-97 安装形式图 WSAT37-97 Mounting position example



WUMA REDUCER /

午马减速机

输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole
0.12KW						0.12KW					
0.12	4610	11267	0.90	WS97	WR57	6.9	95	201.00	1.80		
0.14	4210	10078	1.00	WSF97	WR57	7.5	89	184.80	1.90	WS47	
0.16	3500	8608	1.20	WSA97	WR57	8.7	77	158.12	2.2	WSF47	
0.18	3090	7554	1.35	WSAF97	WR57	10	68	137.05	2.5	WSA47	4P
						11	64	128.10	2.6	WSAF47	
						12	57	110.73	3.0		
0.18	3120	7643	0.80			5.7	107	157.43	0.85		
0.21	2630	6706	0.95	WS87	WR57	6.2	99	144.40	0.95	WS37	
0.23	2330	5875	1.05	WSF87	WR57	7.3	86	122.94	1.05	WSF37	
0.27	1960	5187	1.25	WSA87	WR57	8.5	76	106.00	1.20	WSA37	6P
0.30	1740	4606	1.45	WSAF87	WR57	9.1	71	98.80	1.30	WSAF37	
0.36	1450	3872	1.70			10	64	86.36	1.45		
0.39	1340	3540	0.95			8.8	74	157.43	1.25		
0.45	1170	3098	1.10			9.6	68	144.40	1.35		
0.58	1280	2374	0.95	WS77	WR37	11	60	122.94	1.55		
0.66	1130	2083	1.10	WSF77	WR37	13	52	106.00	1.70		
0.76	960	1813	1.30	WSA77	WR37	14	49	98.80	1.75		
0.79	910	1745	1.35	WSAF77	WR37	16	44	86.36	1.95		
0.86	840	1600	1.50			17	41	80.96	2.1		
0.98	735	1404	1.70			19	37	71.44	2.3		
1.1	645	1245	1.90			22	33	63.33	2.5		
1.0	665	1363	0.85			25	35	55.93	2.3	WS37	
1.2	575	1194	1.00			27	33	51.30	2.5	WSF37	
1.3	515	1045	1.10			32	28	43.68	2.9	WSA37	4P
1.5	445	914	1.30	WS67	WR37	37	25	37.66	3.2	WSAF37	
1.7	400	809	1.40	WSF67	WR37	39	23	35.10	3.4		
1.9	355	712	1.60	WSA67	WR37	45	20	30.68	3.7		
2.2	295	615	1.95	WSAF67	WR37	48	19	28.76	3.9		
2.5	265	543	2.2			54	17	25.38	4.3		
2.9	220	469	2.6			61	15	22.50	4.8		
3.3	197	424	2.9			69	14	19.89	3.6		
3.8	180	365	3.2			76	13	18.24	3.9		
						89	11	15.53	4.4		
2.1	315	655	0.95			0.18KW					
2.4	275	574	1.10			0.29	2970	4606	0.85		
2.7	240	506	1.25	WS57	WR17	0.34	2480	3872	1.00		
3.2	210	438	1.45	WSF57	WR17	0.38	2350	3475	1.05		
3.6	183	388	1.65	WSA57	WR17	0.45	1970	2905	1.10	WS87	WR57
4.1	163	336	1.85	WSAF57	WR17	0.51	1710	2586	1.25	WSF87	WR57
4.7	140	294	2.1			0.57	1520	2335	1.45	WSA87	WR57
5.1	134	269	2.2			0.64	1320	2054	1.90	WSAF87	WR57
						0.72	1170	1824	2.1		
						0.81	1050	1631	2.4		
3.2	210	438	0.90			0.94	1220	1404	1.00		
3.6	183	388	1.00			1.1	1070	1245	1.15		
4.1	162	336	1.15	WS47	WR17	1.2	990	1100	1.25	WS77	WR37
4.7	139	294	1.35	WSF47	WR17	1.4	850	954	1.45	WSF77	WR37
5.4	95	257	1.95	WSA47	WR17	1.6	745	837	1.65	WSA77	WR37
6.0	113	229	1.65	WSAF47	WR17	1.9	625	714	2.0	WSAF77	WR37
6.9	99	200	1.90			2.1	555	637	2.2		
7.4	92	187	2.0			2.3	500	574	2.5		
6.8	99	202	0.95			1.6	660	809	0.85		
7.7	88	179	1.05	WS37	WR17	1.9	580	712	1.00	WS67	WR37
8.7	78	158	1.15	WSF37	WR17	2.2	490	615	1.15	WSF67	WR37
9.6	72	144	1.25	WSA37	WR17	2.4	440	543	1.30	WSA67	WR37
12	59	118	1.55	WSAF37	WR17	2.8	370	469	1.55	WSAF67	WR37
13	55	110	1.65			3.1	335	424	1.70		
						3.6	295	365	1.90		
4.5	143	201.00	2.1	WS57		3.0	345	438	0.85	WS57	WR17
4.9	133	184.80	2.2	WSF57		3.4	305	388	1.00	WSF57	WR17
5.7	116	158.12	2.5	WSA57		3.9	270	336	1.10	WSA57	WR17
6.6	103	137.05	2.9	WSAF57		4.5	235	264	1.30	WSAF57	WR17
						4.9	220	269	1.35		

输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole
0.18KW						0.25KW					
5.8	188	229	1.60	WS57	WR17	0.45	2860	2905	0.85		
6.5	169	204	1.80	WSF57	WR17	0.50	2500	2586	1.00	WS87	WR57
7.1	154	187	1.95	WSA57	WR17	0.63	2240	2335	1.10	WSF87	WR57
				WSAF57	WR17	0.71	1950	2054	1.30	WSA87	WR57
						0.80	1550	1631	1.60	WSAF87	WR57
4.5	230	294	0.80			1.4	910	930	2.8		
5.1	158	257	1.15	WS47	WR17						
5.8	185	229	1.00	WSF47	WR17	1.4	1230	954	1.00	WS77	WR37
6.6	162	200	1.15	WSA47	WR17	1.5	1080	837	1.15	WSF77	WR37
7.1	152	187	1.20	WSAF47	WR17	1.8	910	714	1.35	WSA77	WR37
8.0	134	165	1.40			2.0	810	637	1.55	WSAF77	WR37
8.9	121	148	1.55			2.3	730	574	1.70		
10	108	131	1.70			2.6	625	499	2.0		
4.0	255	217.41	2.2	WS67		2.4	635	543	0.90		
4.6	225	190.11	2.5	WSF67	6P	2.8	540	469	1.05	WS67	WR37
4.8	215	180.60	2.6	WSA67		3.1	485	424	1.15	WSF67	WR37
				WSAF67		3.6	430	365	1.30	WSA67	WR37
4.3	220	201.00	1.35	WS57		4.1	375	319	1.50	WSAF67	WR37
4.7	205	184.80	1.45	WSF57	6P	4.6	330	281	1.75		
5.5	180	158.12	1.65	WSA57							
6.3	159	137.05	1.85	WSAF57		4.4	340	294	0.90		
6.6	154	201.00	1.90	WS57		4.8	315	269	0.95	WS57	WR17
7.1	143	184.80	2.1	WSF57	4P	5.7	270	229	1.10	WSF57	WR17
8.4	125	158.12	2.4	WSA57		6.4	245	204	1.25	WSA57	WR17
9.6	110	137.05	2.7	WSAF57		6.9	225	187	1.35	WSAF57	WR17
						7.9	198	165	1.50		
						9.9	159	131	1.90		
4.3	215	201.00	0.85	WS47		3.1	435	217.41	1.30	WS67	
4.7	199	184.80	0.90	WSF47	6P	3.6	390	190.11	1.45	WSF67	
5.5	173	158.12	1.00	WSA47		3.8	370	180.60	1.50	WSA67	8P
6.3	153	137.05	1.10	WSAF47		4.3	330	158.45	1.70	WSAF67	
6.8	144	128.10	1.20								
6.6	149	201.00	1.15			4.1	350	217.41	1.60	WS67	
7.1	138	184.80	1.25			4.6	310	190.11	1.80	WSF67	
8.4	121	158.12	1.40			4.9	295	180.60	1.90	WSA67	6P
9.6	107	137.05	1.60	WS47		5.6	265	158.45	2.1	WSAF67	
10	100	128.10	1.65	WSF47	4P						
12	88	110.73	1.90	WSA47		6.0	245	217.41	2.1		
14	77	94.08	2.2	WSAF47		6.8	220	190.11	2.4	WS67	
16	69	84.00	2.4			7.2	210	180.60	2.5	WSF67	4P
18	60	71.75	2.8			8.2	187	158.45	2.8	WSA67	
19	69	69.36	2.2			9.7	161	134.40	3.2	WSAF67	
						11	147	121.33	3.5		
						12	131	106.75	4.0		
8.4	115	157.43	0.80								
9.1	107	144.40	0.85			4.4	305	201.00	1.00		
11	93	122.94	1.00			4.8	285	184.80	1.05	WS57	
12	82	106.00	1.10			5.6	245	158.12	1.20	WSF57	6P
13	77	98.8	1.15			6.4	220	137.05	1.35	WSA57	
15	68	86.36	1.25			6.9	205	128.10	1.45	WSAF57	
16	64	80.96	1.30								
18	58	71.44	1.45			6.5	215	201.00	1.35		
21	52	63.66	1.60			7.0	200	184.80	1.45		
24	55	55.93	1.45			8.2	176	158.12	1.70	WS57	
26	51	51.30	1.60			9.5	155	137.05	1.90	WSF57	4P
30	44	43.46	1.85	WS37		10	146	128.10	2.0	WSA57	
35	38	37.66	2.1	WSF37	4P	12	129	110.73	2.3	WSAF57	
38	36	35.10	2.2	WSA37		14	111	94.08	2.7		
43	32	30.68	2.4	WSAF37		15	101	84.00	2.9		
46	30	28.76	2.5								
52	27	25.38	2.8			6.5	210	201.00	0.80		
59	24	22.50	3.1			7.0	195	184.80	0.85		
66	22	19.89	2.3			8.2	170	158.12	1.00		
72	21	18.24	2.5			9.5	150	137.05	1.10		
85	18	15.53	2.8			10	141	128.10	1.20		
99	15	13.39	3.2			12	124	110.73	1.35	WS47	
106	14	12.48	3.4			14	108	94.08	1.55	WSF47	4P
121	13	10.91	3.8			15	98	84.00	1.70	WSA47	
129	12	10.23	4.0			18	85	71.75	1.95	WSAF47	
						19	97	69.39	1.60		

输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole																																																																																																																																																																																																																																																																																																																																																																																																																
0.25KW						0.37KW																																																																																																																																																																																																																																																																																																																																																																																																																					
19	80	67.20	2.1	WS47	4P	6.3	345	217.41	1.50	WS67 WSF67 WSA67 WSAF67	4P																																																																																																																																																																																																																																																																																																																																																																																																																
20	90	63.80	1.70	WSF47		24	78	54.59	2.0			WSA47	27	68	47.32	2.3	WSAF47	13	108	98.80	0.80	WS37 WSF37 WSA37 WSAF37	4P	5.7	360	158.12	0.80	WS57 WSF57 WSA57 WSAF57	6P	15	96	86.36	0.90	16	91	80.96	0.95	18	81	71.44	1.05	21	73	63.33	1.10	23	78	55.93	1.05	25	72	51.30	1.15	30	62	43.68	1.30	35	54	37.66	1.45	37	51	35.10	1.55	42	45	30.68	1.70	45	42	28.76	1.80	21	37	25.38	2.0	58	33	22.50	2.2	65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210	137.05	0.80	WS47 WSF47 WSA47 WSAF47	4P	105	19	25.38	3.3	118	17	22.50	3.4	134	16	19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76	2490	1824	1.00	WSF87	WR57	0.85	2230	1631	1.10	WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7	1190	831	2.1	1.9	1290	714	0.95	WS77	WR37	4P	2.2	1150	637	1.10	2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20	2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2	700	214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7	450	190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95	135	23	10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																														
24	78	54.59	2.0	WSA47		27	68	47.32	2.3			WSAF47	13	108	98.80	0.80	WS37 WSF37 WSA37 WSAF37	4P	5.7	360	158.12			0.80	WS57 WSF57 WSA57 WSAF57	6P	15			96	86.36	0.90	16	91	80.96	0.95	18	81	71.44	1.05	21	73	63.33	1.10	23	78	55.93	1.05	25	72	51.30	1.15	30	62	43.68	1.30	35	54	37.66	1.45	37	51	35.10	1.55	42	45	30.68	1.70	45	42	28.76	1.80	21	37	25.38	2.0	58	33	22.50	2.2	65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37			2P	10	210	137.05			0.80	WS47 WSF47 WSA47 WSAF47	4P	105	19	25.38	3.3	118	17	22.50	3.4	134	16	19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054		0.90	WS87	WR57	4P			22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76	2490	1824	1.00	WSF87	WR57	0.85	2230	1631	1.10	WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7	1190				831	2.1	1.9	1290	714	0.95	WS77	WR37	4P	2.2	1150	637	1.10	2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5		700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6		425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20	2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2		WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2	700	214.00	1.80	WSF77	3.6	630	189.09		2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7	450	190.11	1.25	WSF67	5.0			430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95	135	23	10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7															
27	68	47.32	2.3	WSAF47		13	108	98.80	0.80			WS37 WSF37 WSA37 WSAF37	4P	5.7	360	158.12			0.80	WS57 WSF57 WSA57 WSAF57	6P			15			96			86.36	0.90	16	91	80.96	0.95	18	81	71.44	1.05	21	73	63.33	1.10	23	78	55.93	1.05	25	72	51.30	1.15	30	62	43.68	1.30	35	54	37.66	1.45	37	51	35.10	1.55	42	45	30.68	1.70	45	42	28.76	1.80	21	37	25.38	2.0	58	33	22.50	2.2	65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37					2P	10	210			137.05			0.80	WS47 WSF47 WSA47 WSAF47	4P	105	19	25.38	3.3	118	17	22.50	3.4	134	16	19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0		0.67	2810	2054				0.90	WS87	WR57	4P			22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76	2490	1824	1.00	WSF87	WR57	0.85	2230	1631	1.10	WSA87	WR57	1.5	1320				930	1.90	WSAF87	WR57	1.7	1190				831	2.1	1.9	1290	714	0.95	WS77	WR37	4P	2.2	1150	637	1.10	2.4	1040	574	1.20		2.8	900	499	1.40	3.2	785	438	1.60	3.5		700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6		425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44		19.89	1.20	2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2		WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P		103	30	13.39	1.60	3.2	700	214.00	1.80	WSF77	3.6	630	189.09		2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41			1.10	WS67	6P	111	28	12.48	1.70	4.7	450	190.11	1.25	WSF67	5.0			430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95	135	23	10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7
13	108	98.80	0.80	WS37 WSF37 WSA37 WSAF37	4P	5.7	360	158.12	0.80	WS57 WSF57 WSA57 WSAF57	6P																																																																																																																																																																																																																																																																																																																																																																																																																
15	96	86.36	0.90			16	91	80.96	0.95					18	81	71.44			1.05					21			73	63.33	1.10	23	78	55.93	1.05	25	72	51.30	1.15	30	62	43.68	1.30	35	54	37.66	1.45	37	51	35.10	1.55	42	45	30.68	1.70	45	42	28.76	1.80	21	37	25.38	2.0	58	33	22.50	2.2	65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210	137.05	0.80	WS47 WSF47 WSA47 WSAF47	4P	105	19	25.38	3.3	118	17							22.50	3.4			134			16			19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P				0.76	2490	1824				1.00	WSF87	WR57	0.85			2230	1631	1.10	WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7	1190	831				2.1	1.9	1290	714	0.95	WS77				WR37	4P	2.2	1150	637	1.10				2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615		365	0.95	WS67	WR37	4P	4.3	535	319	1.05		WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37		2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20		2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2		WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60		3.2	700	214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60		2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7	450		190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7	380			158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95			135	23	10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7				
16	91	80.96	0.95			18	81	71.44	1.05					21	73	63.33			1.10					23	78	55.93	1.05	25	72	51.30	1.15	30	62	43.68	1.30	35	54	37.66	1.45	37	51	35.10	1.55	42	45	30.68	1.70	45	42	28.76	1.80	21	37	25.38	2.0	58	33	22.50	2.2	65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210	137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P	105	19			25.38	3.3	118	17	22.50	3.4							134	16			19.89			2.8			146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22		103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P						0.76	2490	1824				1.00	WSF87	WR57	0.85			2230	1631	1.10	WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7	1190	831	2.1	1.9	1290	714	0.95	WS77	WR37	4P							2.2	1150	637	1.10				2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P		4.3	535	319	1.05		WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P		69	44	19.89	1.20		2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P		103	30	13.39	1.60		3.2	700	214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P		111	28	12.48	1.70	4.7	450		190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60					127	25	10.91	1.95			135	23	10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7				
18	81	71.44	1.05			21	73	63.33	1.10					23	78	55.93			1.05	25	72			51.30	1.15	30	62	43.68	1.30	35	54	37.66	1.45	37	51	35.10	1.55	42	45	30.68	1.70	45	42	28.76	1.80	21	37	25.38	2.0	58	33	22.50	2.2	65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210	137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P	105	19					25.38	3.3			118	17	22.50	3.4	134	16							19.89	2.8			146			15			18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22		103		63.33	0.80	WS37 WSF37 WSA37 WSAF37					4P			0.76	2490	1824				1.00	WSF87	WR57	0.85			2230	1631	1.10	WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7	1190	831	2.1	1.9	1290	714	0.95					WS77	WR37	4P			2.2	1150	637	1.10				2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37			4P	4.3	535	319	1.05	WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87			8P	69	44	19.89	1.20	2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77			6P	103	30	13.39	1.60	3.2	700	214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67			6P	111	28	12.48	1.70	4.7	450	190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60							127	25	10.91	1.95	135	23	10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7				
21	73	63.33	1.10			23	78	55.93	1.05	25	72			51.30	1.15	30			62	43.68	1.30			35	54	37.66	1.45	37	51	35.10	1.55	42	45	30.68	1.70	45	42	28.76	1.80	21	37	25.38	2.0	58	33	22.50	2.2	65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210	137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P	105	19					25.38	3.3					118	17			22.50	3.4	134	16	19.89	2.8							146	15			18.24			3.0			171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22		103		63.33		0.80	WS37 WSF37 WSA37 WSAF37									4P	0.76	2490	1824			1.00	WSF87	WR57	0.85			2230	1631	1.10	WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7	1190	831	2.1	1.9	1290	714	0.95										WS77	WR37	4P	2.2	1150	637	1.10	2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37				4P	4.3	535	319	1.05	WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5				WS87	8P	69	44	19.89	1.20	2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26				1.75	WS77	6P	103	30	13.39	1.60	3.2	700	214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505				217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7	450	190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67							103	30	13.39	1.60			127	25	10.91	1.95	135	23	10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16
23	78	55.93	1.05			25	72	51.30	1.15	30	62			43.68	1.30	35			54	37.66	1.45			37	51	35.10	1.55	42	45	30.68	1.70	45	42	28.76	1.80	21	37	25.38	2.0	58	33	22.50	2.2	65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80	WS47 WSF47 WSA47 WSAF47	4P					105	19					25.38	3.3					118	17			22.50	3.4	134	16	19.89	2.8							146	15			18.24			3.0			171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57		4P		22		103		63.33											0.80	WS37 WSF37 WSA37 WSAF37	4P			0.76	2490	1824	1.00			WSF87	WR57	0.85	2230	1631	1.10	WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7	1190	831	2.1	1.9													1290	714	0.95	WS77	WR37	4P	2.2	1150	637	1.10	2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80		3.8			615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35		WSAF67		WR37		2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20	2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775		222.40		3.2	WSAF87		3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2	700	214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2		545		161.60	2.3	WSAF77		4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7	450	190.11	1.25	WSF67	5.0	430	180.60	1.30			WSA67	5.7			380	158.45	1.45	WSAF67			103	30	13.39	1.60			127	25	10.91	1.95	135	23	10.23	2.0	153	21	9.02	2.2
25	72	51.30	1.15			30	62	43.68	1.30	35	54			37.66	1.45	37			51	35.10	1.55			42	45	30.68	1.70	45	42	28.76	1.80	21	37	25.38	2.0	58	33	22.50	2.2	65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P							105	19					25.38	3.3					118	17			22.50	3.4	134	16	19.89	2.8							146	15			18.24			3.0			171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57				4P		22	103	63.33											0.80					WS37 WSF37 WSA37 WSAF37	4P	0.76	2490			1824	1.00	WSF87	WR57	0.85	2230	1631	1.10	WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7	1190	831				2.1				1.9	1290				714	0.95	WS77				WR37	4P	2.2	1150	637	1.10	2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80			3.8	615	365	0.95	WS67		WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35		WSAF67		WR37	2.4	980	288.00	2.5		WS87	8P	69	44	19.89	1.20	2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775		222.40	3.2		WSAF87	3.0	735	225.26	1.75		WS77	6P	103	30	13.39	1.60	3.2	700	214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2		545	161.60	2.3		WSAF77	4.1	505	217.41	1.10		WS67	6P	111	28	12.48	1.70	4.7	450	190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7			380	158.45	1.45	WSAF67			103	30	13.39	1.60					127	25	10.91	1.95	135	23	10.23	2.0	153	21
30	62	43.68	1.30			35	54	37.66	1.45	37	51			35.10	1.55	42			45	30.68	1.70			45	42	28.76	1.80	21	37	25.38	2.0	58	33	22.50	2.2	65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P											105	19					25.38	3.3					118	17			22.50	3.4	134	16	19.89	2.8			146	15			18.24	3.0	171	13	15.53			3.4			199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33					0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76								2490	1824		1.00							WSF87	WR57			0.85	2230	1631	1.10	WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7	1190	831	2.1	1.9	1290	714	0.95	WS77	WR37	4P				2.2	1150				637	1.10							2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67		WR37	4P	4.3	535	319		1.05		WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5		WS87	8P	69	44	19.89		1.20		2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75		WS77	6P	103	30	13.39		1.60		3.2	700	214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10		WS67	6P	111	28	12.48		1.70		4.7	450	190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60					127	25	10.91	1.95					135	23	10.23	2.0	153	21	9.02	2.2	173	18
35	54	37.66	1.45			37	51	35.10	1.55	42	45			30.68	1.70	45			42	28.76	1.80			21	37	25.38	2.0	58	33	22.50	2.2	65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P															105	19					25.38	3.3					118	17			22.50	3.4	134	16	19.89	2.8		146	15	18.24	3.0		171	13	15.53	3.4	199	11	13.39	3.8			213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P			0.76		2490			1824								1.00	WSF87		WR57			0.85	2230			1631	1.10			WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7	1190	831	2.1	1.9	1290	714	0.95	WS77	WR37	4P	2.2				1150	637	1.10	2.4	1040				574	1.20							2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05		WSF67	WR37	4.9		470		281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20		2.6	890	258.18		2.8		WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60		3.2	700	214.00		1.80		WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70		4.7	450	190.11		1.25		WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95	135	23	10.23	2.0					153	21	9.02	2.2	173	18	8.00	2.5	203	16
37	51	35.10	1.55			42	45	30.68	1.70	45	42			28.76	1.80	21			37	25.38	2.0			58	33	22.50	2.2	65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P																			105	19					25.38	3.3					118	17			22.50	3.4	134	16	19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P		0.76			2490		1824		1.00			WSF87								WR57	0.85		2230			1631	1.10			WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7	1190	831	2.1	1.9	1290	714	0.95	WS77	WR37	4P	2.2				1150				637	1.10	2.4	1040	574	1.20	2.8	900	499	1.40							3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37	4.9		470	281	1.20	WSA67	WR37		5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890	258.18		2.8	WSF87	3.1	775	222.40		3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700	214.00		1.80	WSF77	3.6	630	189.09		2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450	190.11		1.25	WSF67	5.0	430	180.60		1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95			135	23	10.23	2.0	153	21	9.02	2.2			173	18	8.00	2.5	203	16	6.80	2.7		
42	45	30.68	1.70			45	42	28.76	1.80	21	37			25.38	2.0	58			33	22.50	2.2			65	32	19.89	1.65	71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P																							105	19					25.38	3.3					118	17			22.50	3.4	134	16	19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57		4P	22	103		63.33				0.80			WS37 WSF37 WSA37 WSAF37	4P	0.76		2490			1824								1.00	WSF87		WR57			0.85	2230			1631	1.10	WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7	1190	831	2.1	1.9	1290				714				0.95				WS77	WR37	4P	2.2	1150	637	1.10	2.4	1040	574		1.20	2.8	900			499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95		WS67	WR37	4P		4.3	535	319	1.05		WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00		2.5	WS87	8P		69	44	19.89	1.20		2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26		1.75	WS77	6P		103	30	13.39	1.60		3.2	700	214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41		1.10	WS67	6P		111	28	12.48	1.70		4.7	450	190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30			13.39	1.60							127	25	10.91	1.95	135	23	10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7
45	42	28.76	1.80			21	37	25.38	2.0	58	33			22.50	2.2	65			32	19.89	1.65			71	29	18.24	1.80	84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P																											105	19					25.38	3.3	118	17			22.50	3.4	134	16	19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33			0.80	WS37 WSF37 WSA37 WSAF37		4P				0.76					2490	1824	1.00			WSF87					WR57	0.85		2230	1631		1.10			WSA87	WR57			1.5	1320	930	1.90	WSAF87	WR57	1.7	1190	831	2.1	1.9	1290	714	0.95	WS77	WR37				4P				2.2							1150	637	1.10	2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3		535	319			1.05	WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69		44	19.89			1.20	2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103		30	13.39			1.60	3.2	700	214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111		28	12.48			1.70	4.7	450	190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60					127	25					10.91	1.95	135	23	10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7				
21	37	25.38	2.0			58	33	22.50	2.2	65	32			19.89	1.65	71			29	18.24	1.80			84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P																															105	19	25.38	3.3			118	17	22.50	3.4	134	16	19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P			0.76						2490	1824					1.00	WSF87	WR57			0.85			2230	1631	1.10	WSA87		WR57	1.5		1320			930	1.90			WSAF87	WR57	1.7	1190	831	2.1	1.9	1290	714	0.95	WS77	WR37	4P	2.2										1150	637	1.10	2.4				1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05		WSF67	WR37		4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20		2.6	890		258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60		3.2	700		214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70		4.7	450		190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25					10.91	1.95	135	23			10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7								
58	33	22.50	2.2			65	32	19.89	1.65	71	29			18.24	1.80	84			25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210	137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P			105	19																															25.38	3.3			118	17	22.50	3.4	134	16	19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37		4P	0.76	2490		1824					1.00		WSF87				WR57	0.85					2230	1631	1.10			WSA87		WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7		1190			831	2.1			1.9	1290	714	0.95	WS77	WR37	4P	2.2	1150	637				1.10							2.4	1040	574	1.20	2.8	900	499				1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67		WR37	4.9	470		281	1.20	WSA67	WR37		5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20	2.6		890	258.18	2.8		WSF87	3.1	775	222.40		3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2		700	214.00	1.80		WSF77	3.6	630	189.09		2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7		450	190.11	1.25		WSF67	5.0	430	180.60		1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95			135	23			10.23	2.0	153	21	9.02	2.2			173	18	8.00	2.5	203	16	6.80	2.7														
65	32	19.89	1.65			71	29	18.24	1.80	84	25			15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210	137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P	105	19							25.38	3.3																									118	17					22.50	3.4	134	16	19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37		4P	0.76	2490	1824				1.00	WSF87		WR57			0.85		2230		1631				1.10	WSA87					WR57	1.5	1320			930	1.90	WSAF87	WR57	1.7	1190	831	2.1	1.9	1290	714	0.95			WS77	WR37			4P	2.2	1150	637				1.10	2.4	1040				574			1.20	2.8	900		499	1.40	3.2	785	438	1.60	3.5				700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67		WR37	4.9	470	281	1.20		WSA67	WR37	5.6		425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20	2.6		890	258.18	2.8	WSF87	3.1		775	222.40	3.2		WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2		700	214.00	1.80	WSF77	3.6		630	189.09	2.0		WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7		450	190.11	1.25	WSF67	5.0		430	180.60	1.30		WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95			135	23	10.23	2.0			153	21			9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																				
71	29	18.24	1.80			84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210	137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P	105	19					25.38	3.3							118	17																					22.50	3.4			134	16			19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37		4P	0.76	2490	1824				1.00	WSF87	WR57				0.85	2230		1631			1.10	WSA87	WR57		1.5				1320	930					1.90	WSAF87	WR57			1.7	1190	831	2.1	1.9	1290	714	0.95	WS77	WR37	4P	2.2	1150	637						1.10	2.4	1040				574	1.20	2.8				900			499	1.40	3.2		785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67		WR37	4.9	470	281	1.20		WSA67	WR37	5.6	425	246		1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20	2.6		890	258.18	2.8	WSF87	3.1		775	222.40	3.2	WSA87	3.1		775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2		700	214.00	1.80	WSF77	3.6		630	189.09	2.0	WSA77	4.2		545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7		450	190.11	1.25	WSF67	5.0		430	180.60	1.30	WSA67	5.7		380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95			135	23	10.23	2.0			153	21	9.02	2.2			173	18	8.00	2.5	203	16	6.80	2.7																										
84	25	15.53	2.0	97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210	137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P	105	19					25.38	3.3					118	17							22.50	3.4																	134	16			19.89	2.8			146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37		4P	0.76	2490	1824				1.00	WSF87	WR57				0.85	2230	1631				1.10	WSA87	WR57	1.5			1320	930	1.90		WSAF87				WR57	1.7					1190	831	2.1			1.9	1290	714	0.95	WS77	WR37	4P	2.2				1150	637	1.10			2.4	1040		574	1.20	2.8				900	499	1.40				3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67		WR37	4.9	470	281	1.20		WSA67	WR37	5.6	425	246		1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20	2.6		890	258.18	2.8	WSF87	3.1		775	222.40	3.2	WSA87	3.1		775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2		700	214.00	1.80	WSF77	3.6		630	189.09	2.0	WSA77	4.2		545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7		450	190.11	1.25	WSF67	5.0		430	180.60	1.30	WSA67	5.7		380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95			135	23	10.23	2.0			153	21	9.02	2.2			173	18	8.00	2.5	203	16	6.80	2.7																																
97	22	13.39	2.3	104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80	WS47 WSF47 WSA47 WSAF47	4P					105	19					25.38	3.3					118	17							22.50	3.4													134	16			19.89	2.8			146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76				2490	1824	1.00				WSF87	WR57	0.85				2230	1631	1.10		WSA87		WR57	1.5	1320	930			1.90	WSAF87	WR57		1.7				1190	831					2.1	1.9	1290	714	0.95	WS77	WR37	4P	2.2				1150				637	1.10	2.4			1040	574		1.20	2.8	900				499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37	4.9	470		281	1.20	WSA67	WR37	5.6		425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890	258.18	2.8		WSF87	3.1	775	222.40	3.2		WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700	214.00	1.80		WSF77	3.6	630	189.09	2.0		WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450	190.11	1.25		WSF67	5.0	430	180.60	1.30		WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95	135	23			10.23	2.0	153	21			9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																				
104	20	12.48	2.4	119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P							105	19					25.38	3.3					118	17							22.50	3.4									134	16			19.89	2.8			146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P		0.76			2490				1824	1.00	WSF87				WR57	0.85	2230		1631		1.10	WSA87	WR57		1.5		1320	930	1.90	WSAF87			WR57	1.7	1190		831				2.1	1.9	1290	714			0.95	WS77	WR37	4P	2.2				1150				637				1.10	2.4	1040			574	1.20		2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37		4.9	470	281	1.20	WSA67		WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890		258.18	2.8	WSF87	3.1	775		222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700		214.00	1.80	WSF77	3.6	630		189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450		190.11	1.25	WSF67	5.0	430		180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95			135	23	10.23	2.0			153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																								
119	18	10.91	2.7	127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P											105	19					25.38	3.3					118	17							22.50	3.4					134	16			19.89	2.8			146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P		0.76				2490			1824				1.00	WSF87	WR57		0.85		2230	1631	1.10		WSA87		WR57	1.5	1320		930		1.90	WSAF87	WR57	1.7			1190	831	2.1		1.9		1290	714	0.95	WS77	WR37	4P			2.2				1150				637				1.10				2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37		4.9	470	281		1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890		258.18	2.8	WSF87		3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700		214.00	1.80	WSF77		3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450		190.11	1.25	WSF67		5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95			135	23			10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																												
127	19	10.23	2.8	144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P															105	19					25.38	3.3					118	17							22.50	3.4	134	16			19.89	2.8			146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P		0.76				2490				1824			1.00		WSF87		WR57	0.85	2230		1631		1.10	WSA87	WR57		1.5		1320	930	1.90		WSAF87		WR57	1.7	1190	831			2.1	1.9	1290		714		0.95	WS77	WR37				4P	2.2	1150				637				1.10				2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37		4.9	470	281		1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890		258.18	2.8	WSF87		3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700		214.00	1.80	WSF77		3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450		190.11	1.25	WSF67		5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95			135	23			10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																
144	15	9.02	3.1	163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P																			105	19					25.38	3.3					118	17					22.50	3.4	134	16	19.89	2.8			146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P		0.76				2490				1824			1.00	WSF87			WR57		0.85		2230	1631	1.10		WSA87		WR57	1.5	1320		930		1.90	WSAF87	WR57		1.7		1190	831	2.1	1.9			1290	714	0.95	WS77	WR37	4P	2.2							1150	637				1.10				2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37		4.9	470	281		1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890		258.18	2.8	WSF87		3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700		214.00	1.80	WSF77		3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450		190.11	1.25	WSF67		5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95			135	23			10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																				
163	13	8.00	3.4	191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P																							105	19					25.38	3.3					118	17	22.50	3.4			134	16	19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P		0.76				2490				1824			1.00	WSF87			WR57	0.85			2230		1631		1.10	WSA87	WR57		1.5		1320	930	1.90		WSAF87		WR57	1.7	1190		831		2.1	1.9	1290	714	0.95	WS77	WR37	4P	2.2				1150							637	1.10				2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37		4.9	470	281		1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890		258.18	2.8	WSF87		3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700		214.00	1.80	WSF77		3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450		190.11	1.25	WSF67		5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95			135	23			10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																								
191	11	6.80	3.8	92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P																											105	19					25.38	3.3	118	17			22.50	3.4	134	16	19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P		0.76				2490				1824			1.00	WSF87			WR57	0.85			2230	1631			1.10		WSA87		WR57	1.5	1320		930		1.90	WSAF87	WR57		1.7		1190	831	2.1	1.9	1290	714	0.95	WS77	WR37	4P	2.2				1150				637							1.10	2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37		4.9	470	281		1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890		258.18	2.8	WSF87		3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700		214.00	1.80	WSF77		3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450		190.11	1.25	WSF67		5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95			135	23			10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																												
92	21	28.76	3.0	WS37 WSF37 WSA37 WSAF37	2P	10	210			137.05	0.80			WS47 WSF47 WSA47 WSAF47	4P																																																																																																																																																																																																																																																																																																																																																																																																												
105	19	25.38	3.3			118	17			22.50	3.4																															134	16			19.89	2.8	146	15	18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76	2490	1824	1.00	WSF87	WR57	0.85	2230	1631		1.10	WSA87	WR57		1.5				1320			930	1.90			WSAF87	WR57			1.7	1190			831	2.1			1.9	1290			714		0.95		WS77	WR37	4P	2.2	1150	637	1.10	2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60				3.5				700				389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00		2.5	WS87	8P		69	44	19.89	1.20	2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26		1.75	WS77	6P		103	30	13.39	1.60	3.2	700	214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10		WS67	6P	111		28	12.48	1.70	4.7	450	190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60				127	25		10.91	1.95	135	23	10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																																																												
118	17	22.50	3.4			134	16			19.89	2.8																									146	15					18.24	3.0	171	13	15.53	3.4	199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76		2490	1824	1.00	WSF87			WR57	0.85	2230	1631	1.10	WSA87	WR57	1.5	1320		930	1.90	WSAF87		WR57			1.7	1190			831	2.1			1.9	1290			714	0.95			WS77	WR37			4P	2.2			1150	637	1.10	2.4				1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8				615				365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9		470	281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20		2.6	890		258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60		3.2	700		214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7		450		190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95	135				23	10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																																																																		
134	16	19.89	2.8			146	15			18.24	3.0																					171	13			15.53	3.4			199	11	13.39	3.8	213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76		2490	1824	1.00	WSF87			WR57		0.85	2230	1631	1.10			WSA87	WR57	1.5	1320	930	1.90	WSAF87	WR57	1.7		1190	831	2.1	1.9	1290			714	0.95			WS77	WR37			4P	2.2			1150	637								1.10	2.4	1040	574	1.20	2.8	900				499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37				4P	4.3	535	319	1.05	WSF67	WR37	4.9		470	281	1.20	WSA67	WR37	5.6	425		246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20	2.6	890		258.18	2.8	WSF87	3.1	775	222.40	3.2		WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2	700		214.00	1.80	WSF77	3.6	630	189.09	2.0		WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7	450		190.11	1.25	WSF67	5.0	430	180.60	1.30		WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95	135			23	10.23	2.0	153	21		9.02		2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																																																																								
146	15	18.24	3.0			171	13			15.53	3.4																	199	11			13.39	3.8			213	10	12.48	4.0	36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76		2490	1824	1.00	WSF87			WR57		0.85	2230	1631	1.10			WSA87		WR57	1.5	1320	930			1.90	WSAF87	WR57	1.7	1190	831	2.1	1.9	1290	714	0.95	WS77	WR37	4P	2.2			1150	637								1.10			2.4	1040					574	1.20		2.8	900	499	1.40	3.2	785	438				1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9		470	281	1.20	WSA67	WR37	5.6	425		246	1.35	WSAF67	WR37	2.4	980	288.00		2.5	WS87	8P	69	44	19.89	1.20	2.6	890		258.18	2.8	WSF87	3.1	775	222.40		3.2	WSA87	3.1	775	222.40	3.2	WSAF87		3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2		700	214.00	1.80	WSF77	3.6	630		189.09	2.0	WSA77	4.2	545	161.60	2.3		WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70		4.7	450	190.11	1.25	WSF67	5.0		430	180.60	1.30	WSA67	5.7	380	158.45		1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95	135	23	10.23			2.0	153	21	9.02	2.2		173		18	8.00	2.5	203	16	6.80	2.7																																																																																																										
171	13	15.53	3.4			199	11			13.39	3.8													213	10			12.48	4.0			36	78	38.23	2.0	42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76		2490	1824	1.00	WSF87			WR57		0.85	2230	1631	1.10			WSA87		WR57	1.5	1320	930			1.90		WSAF87	WR57	1.7	1190			831	2.1	1.9	1290	714	0.95	WS77	WR37	4P	2.2	1150				637			1.10	2.4								1040			574	1.20	2.8	900			499	1.40		3.2	785	438	1.60	3.5	700	389				1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37	4.9	470	281	1.20		WSA67	WR37	5.6	425	246	1.35	WSAF67		WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890	258.18	2.8	WSF87		3.1	775	222.40	3.2	WSA87	3.1		775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700	214.00	1.80		WSF77	3.6	630	189.09	2.0	WSA77		4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450	190.11		1.25	WSF67	5.0	430	180.60	1.30		WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95			135	23	10.23	2.0	153			21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																																																																														
199	11	13.39	3.8			213	10			12.48	4.0									36	78			38.23	2.0			42	67	32.48	2.3	48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76		2490	1824	1.00	WSF87			WR57		0.85	2230	1631	1.10			WSA87		WR57	1.5	1320	930			1.90		WSAF87	WR57	1.7	1190			831	2.1	1.9	1290	714	0.95			WS77	WR37	4P	2.2	1150	637				1.10	2.4				1040			574	1.20								2.8	900	499	1.40	3.2	785	438			1.60	3.5		700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9		470	281	1.20		WSA67	WR37	5.6	425	246	1.35	WSAF67		WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20	2.6	890	258.18		2.8	WSF87	3.1		775	222.40	3.2	WSA87	3.1	775		222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2	700	214.00		1.80	WSF77	3.6		630	189.09	2.0	WSA77	4.2		545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7	450	190.11		1.25	WSF67	5.0		430	180.60	1.30	WSA67		5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95	135	23			10.23	2.0			153	21			9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																																																																																						
213	10	12.48	4.0			36	78			38.23	2.0					42	67			32.48	2.3			48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76		2490	1824	1.00	WSF87			WR57		0.85	2230	1631	1.10			WSA87		WR57	1.5	1320	930			1.90		WSAF87	WR57	1.7	1190			831	2.1	1.9	1290	714	0.95			WS77	WR37	4P	2.2	1150	637						1.10	2.4	1040				574	1.20				2.8			900	499					1.40	3.2		785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9		470	281	1.20	WSA67	WR37	5.6	425		246	1.35	WSAF67		WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20	2.6	890	258.18		2.8	WSF87	3.1	775	222.40	3.2	WSA87		3.1	775	222.40		3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2	700	214.00		1.80	WSF77	3.6	630	189.09	2.0	WSA77		4.2	545	161.60		2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7	450	190.11		1.25	WSF67	5.0	430	180.60	1.30	WSA67		5.7	380	158.45		1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95	135	23			10.23	2.0	153	21	9.02	2.2			173	18			8.00	2.5	203	16	6.80	2.7																																																																																																																														
36	78	38.23	2.0			42	67			32.48	2.3	48	60			29.00	2.6			56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76		2490	1824	1.00	WSF87			WR57		0.85	2230	1631	1.10			WSA87		WR57	1.5	1320	930			1.90		WSAF87	WR57	1.7	1190			831	2.1	1.9	1290	714	0.95			WS77	WR37	4P	2.2	1150	637						1.10	2.4	1040						574	1.20	2.8				900	499				1.40			3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9		470	281	1.20	WSA67	WR37	5.6	425		246	1.35	WSAF67	WR37	2.4	980	288.00		2.5	WS87	8P	69	44	19.89	1.20	2.6	890	258.18		2.8	WSF87	3.1	775	222.40	3.2	WSA87		3.1	775	222.40	3.2	WSAF87	3.0	735		225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2	700	214.00		1.80	WSF77	3.6	630	189.09	2.0	WSA77		4.2	545	161.60	2.3	WSAF77	4.1	505		217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7	450	190.11		1.25	WSF67	5.0	430	180.60	1.30	WSA67		5.7	380	158.45	1.45	WSAF67	103	30		13.39	1.60			127	25	10.91	1.95	135	23			10.23	2.0	153	21	9.02	2.2			173	18	8.00	2.5	203	16			6.80	2.7																																																																																																																																						
42	67	32.48	2.3			48	60	29.00	2.6	56	52	24.77	3.0			59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76		2490	1824	1.00	WSF87			WR57		0.85	2230	1631	1.10			WSA87		WR57	1.5	1320	930			1.90		WSAF87	WR57	1.7	1190			831	2.1	1.9	1290	714	0.95			WS77	WR37	4P	2.2	1150	637						1.10	2.4	1040						574	1.20	2.8						900	499	1.40				3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9		470	281	1.20	WSA67	WR37	5.6	425		246	1.35	WSAF67	WR37	2.4	980	288.00		2.5	WS87	8P	69	44	19.89	1.20	2.6	890	258.18		2.8	WSF87	3.1	775	222.40	3.2	WSA87		3.1	775	222.40	3.2	WSAF87	3.0	735		225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2	700	214.00		1.80	WSF77	3.6	630	189.09	2.0	WSA77		4.2	545	161.60	2.3	WSAF77	4.1	505		217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7	450	190.11		1.25	WSF67	5.0	430	180.60	1.30	WSA67		5.7	380	158.45	1.45	WSAF67	103	30		13.39	1.60			127	25	10.91	1.95	135	23			10.23	2.0	153	21	9.02	2.2			173	18	8.00	2.5	203	16			6.80	2.7																																																																																																																																														
48	60	29.00	2.6	56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33	0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76		2490	1824	1.00	WSF87			WR57		0.85	2230	1631	1.10			WSA87		WR57	1.5	1320	930			1.90		WSAF87	WR57	1.7	1190			831	2.1	1.9	1290	714	0.95			WS77	WR37	4P	2.2	1150	637						1.10	2.4	1040						574	1.20	2.8						900	499	1.40						3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67		WR37	4.9	470	281	1.20	WSA67	WR37		5.6	425	246	1.35	WSAF67	WR37	2.4		980	288.00	2.5	WS87	8P	69	44	19.89	1.20	2.6		890	258.18	2.8	WSF87	3.1	775	222.40		3.2	WSA87	3.1	775	222.40	3.2	WSAF87		3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2		700	214.00	1.80	WSF77	3.6	630	189.09		2.0	WSA77	4.2	545	161.60	2.3	WSAF77		4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7		450	190.11	1.25	WSF67	5.0	430	180.60		1.30	WSA67	5.7	380	158.45	1.45	WSAF67		103	30	13.39	1.60			127	25	10.91	1.95			135	23	10.23	2.0	153	21			9.02	2.2	173	18	8.00	2.5			203	16	6.80	2.7																																																																																																																																																				
56	52	24.77	3.0	59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P	0.76			2490		1824	1.00	WSF87	WR57			0.85		2230	1631	1.10	WSA87			WR57		1.5	1320	930	1.90			WSAF87	WR57	1.7	1190	831	2.1			1.9	1290	714	0.95	WS77	WR37						4P	2.2	1150						637	1.10	2.4						1040	574	1.20						2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37	4.9	470		281	1.20	WSA67	WR37	5.6	425	246		1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890	258.18	2.8		WSF87	3.1	775	222.40	3.2	WSA87	3.1		775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700	214.00	1.80		WSF77	3.6	630	189.09	2.0	WSA77	4.2		545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450	190.11	1.25		WSF67	5.0	430	180.60	1.30	WSA67	5.7		380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95	135	23			10.23	2.0	153	21	9.02	2.2			173	18	8.00	2.5	203	16	6.80	2.7																																																																																																																																																								
59	49	23.20	3.1	68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P		0.76			2490			1824		1.00	WSF87	WR57	0.85			2230		1631	1.10	WSA87	WR57			1.5	1320	930	1.90	WSAF87	WR57			1.7	1190	831	2.1	1.9	1290			714	0.95	WS77	WR37									4P	2.2						1150	637	1.10						2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37		4.9	470	281	1.20	WSA67		WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890		258.18	2.8	WSF87	3.1	775		222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700		214.00	1.80	WSF77	3.6	630		189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450		190.11	1.25	WSF67	5.0	430		180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95			135	23	10.23	2.0			153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																																																																																																																												
68	46	20.33	2.4	78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P		0.76				2490			1824			1.00		WSF87	WR57	0.85	2230			1631	1.10	WSA87	WR57	1.5	1320			930	1.90	WSAF87	WR57	1.7	1190			831	2.1	1.9	1290	714	0.95			WS77	WR37												4P						2.2	1150	637	1.10	2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37		4.9	470	281		1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890		258.18	2.8	WSF87		3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700		214.00	1.80	WSF77		3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450		190.11	1.25	WSF67		5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95			135	23			10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																																																																																																																																
78	40	17.62	2.8	84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P		0.76				2490				1824			1.00			WSF87	WR57	0.85	2230	1631	1.10			WSA87	WR57	1.5	1320	930	1.90			WSAF87	WR57	1.7	1190	831	2.1			1.9	1290	714	0.95	WS77	WR37																	4P	2.2	1150	637	1.10	2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37		4.9	470	281		1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890		258.18	2.8	WSF87		3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700		214.00	1.80	WSF77		3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450		190.11	1.25	WSF67		5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95			135	23			10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																																																																																																																																				
84	37	16.47	3.0	0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P		0.76				2490				1824			1.00	WSF87			WR57			0.85	2230	1631	1.10	WSA87	WR57			1.5	1320	930	1.90	WSAF87	WR57			1.7	1190	831	2.1	1.9	1290			714	0.95	WS77	WR37											4P	2.2	1150	637	1.10					2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37		4.9	470	281		1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890		258.18	2.8	WSF87		3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700		214.00	1.80	WSF77		3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450		190.11	1.25	WSF67		5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95			135	23			10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																																																																																																																																								
0.67	2810	2054	0.90	WS87	WR57	4P	22	103	63.33		0.80	WS37 WSF37 WSA37 WSAF37	4P																																																																																																																																																																																																																																																																																																																																																																																																														
0.76	2490	1824	1.00	WSF87	WR57		0.85	2230	1631		1.10				WSA87				WR57			1.5	1320			930	1.90			WSAF87	WR57			1.7			1190	831	2.1	1.9	1290	714			0.95	WS77	WR37	4P	2.2	1150			637	1.10	2.4	1040	574	1.20	2.8	900	499	1.40					3.2	785			438	1.60	3.5	700		389	1.80	3.8	615	365	0.95			WS67	WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9	470	281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4		980	288.00	2.5		WS87	8P	69	44	19.89	1.20	2.6	890	258.18	2.8	WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0		735	225.26	1.75		WS77	6P	103	30	13.39	1.60	3.2	700	214.00	1.80	WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505		217.41	1.10	WS67		6P	111	28	12.48	1.70	4.7	450	190.11	1.25	WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39		1.60				127	25	10.91	1.95	135	23	10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																																																																																																																																																																						
0.85	2230	1631	1.10	WSA87	WR57		1.5	1320	930		1.90				WSAF87			WR57	1.7			1190	831			2.1	1.9			1290	714			0.95			WS77	WR37	4P	2.2	1150	637			1.10				2.4	1040	574	1.20	2.8	900	499	1.40	3.2	785	438	1.60	3.5	700					389	1.80	3.8	615	365	0.95	WS67	WR37		4P	4.3	535	319	1.05	WSF67	WR37		4.9	470		281	1.20	WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P	69	44	19.89		1.20	2.6	890	258.18	2.8		WSF87	3.1	775	222.40	3.2	WSA87	3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700	214.00	1.80		WSF77	3.6	630	189.09	2.0	WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70		4.7	450	190.11	1.25		WSF67	5.0	430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95	135		23			10.23	2.0	153	21	9.02	2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																																																																																																																																																																													
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1.7	1190	831	2.1	1.9	1290		714	0.95	WS77	WR37	4P			2.2	1150			637	1.10								2.4			1040	574			1.20	2.8	900				499	1.40	3.2	785	438	1.60				3.5	700	389	1.80	3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319	1.05	WSF67	WR37	4.9		470	281	1.20	WSA67	WR37	5.6	425	246		1.35	WSAF67	WR37	2.4	980	288.00	2.5	WS87	8P		69	44	19.89	1.20	2.6	890	258.18		2.8	WSF87	3.1	775	222.40	3.2	WSA87		3.1	775	222.40	3.2	WSAF87	3.0	735	225.26	1.75		WS77	6P	103	30	13.39	1.60	3.2	700		214.00	1.80	WSF77	3.6	630	189.09	2.0		WSA77	4.2	545	161.60	2.3	WSAF77	4.1	505	217.41		1.10	WS67	6P	111	28	12.48	1.70	4.7		450	190.11	1.25	WSF67	5.0	430	180.60		1.30	WSA67	5.7	380	158.45	1.45	WSAF67	103	30		13.39	1.60			127	25	10.91			1.95	135	23	10.23	2.0	153			21	9.02	2.2	173	18	8.00	2.5			203	16	6.80	2.7																																																																																																																																																																																																																							
1.9	1290	714	0.95	WS77	WR37	4P	2.2	1150						637	1.10			2.4	1040								574			1.20	2.8	900	499	1.40	3.2	785				438	1.60	3.5	700	389	1.80				3.8	615	365	0.95	WS67	WR37	4P	4.3	535	319		1.05	WSF67	WR37	4.9	470	281	1.20		WSA67	WR37	5.6	425	246	1.35	WSAF67	WR37		2.4	980	288.00	2.5	WS87	8P	69	44		19.89	1.20	2.6	890	258.18	2.8	WSF87	3.1		775	222.40	3.2	WSA87	3.1	775	222.40		3.2	WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39		1.60	3.2	700	214.00	1.80	WSF77		3.6	630	189.09	2.0	WSA77	4.2	545		161.60	2.3	WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48		1.70	4.7	450	190.11	1.25		WSF67	5.0	430	180.60	1.30	WSA67	5.7		380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25			10.91	1.95	135			23	10.23	2.0	153	21	9.02			2.2	173	18	8.00	2.5	203	16	6.80	2.7																																																																																																																																																																																																																											
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5.6	425	246	1.35	WSAF67	WR37		2.4	980	288.00	2.5	WS87	8P	69	44	19.89	1.20	2.6	890		258.18	2.8	WSF87	3.1	775	222.40		3.2	WSA87	3.1	775	222.40	3.2		WSAF87	3.0	735	225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2	700		214.00	1.80	WSF77	3.6	630	189.09		2.0	WSA77	4.2	545	161.60	2.3		WSAF77	4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7	450		190.11	1.25	WSF67	5.0	430	180.60		1.30	WSA67	5.7	380	158.45	1.45		WSAF67	103	30	13.39	1.60			127	25	10.91	1.95	135			23	10.23	2.0	153	21			9.02	2.2	173	18	8.00			2.5	203	16	6.80	2.7																																																																																																																																																																																																																																																																																																	
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2.6	890	258.18	2.8	WSF87		3.1	775	222.40	3.2	WSA87	3.1		775	222.40	3.2	WSAF87	3.0	735		225.26	1.75	WS77	6P	103	30	13.39	1.60	3.2	700	214.00	1.80	WSF77		3.6	630	189.09	2.0	WSA77	4.2		545	161.60	2.3	WSAF77	4.1	505		217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7	450	190.11	1.25	WSF67		5.0	430	180.60	1.30	WSA67	5.7		380	158.45	1.45	WSAF67	103	30		13.39	1.60			127	25	10.91	1.95	135	23	10.23	2.0			153	21	9.02	2.2	173			18	8.00	2.5	203	16			6.80	2.7																																																																																																																																																																																																																																																																																																																		
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4.2	545	161.60	2.3	WSAF77		4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7		450	190.11	1.25	WSF67	5.0		430	180.60	1.30	WSA67	5.7	380	158.45	1.45	WSAF67		103	30	13.39	1.60			127	25	10.91	1.95			135	23	10.23	2.0			153	21	9.02	2.2	173	18	8.00	2.5			203	16	6.80	2.7																																																																																																																																																																																																																																																																																																																																																										
4.1	505	217.41	1.10	WS67	6P	111	28	12.48	1.70	4.7		450	190.11	1.25	WSF67	5.0		430	180.60	1.30	WSA67	5.7		380	158.45	1.45	WSAF67	103	30	13.39	1.60			127	25	10.91	1.95			135	23	10.23	2.0			153	21	9.02	2.2			173	18	8.00	2.5	203	16	6.80	2.7																																																																																																																																																																																																																																																																																																																																																																
4.7	450	190.11	1.25	WSF67		5.0	430	180.60	1.30	WSA67		5.7	380	158.45	1.45	WSAF67		103	30	13.39	1.60			127	25	10.91	1.95	135	23	10.23	2.0			153	21	9.02	2.2			173	18	8.00	2.5			203	16	6.80	2.7																																																																																																																																																																																																																																																																																																																																																																										
5.0	430	180.60	1.30	WSA67		5.7	380	158.45	1.45	WSAF67		103	30	13.39	1.60			127	25	10.91	1.95			135	23	10.23	2.0	153	21	9.02	2.2			173	18	8.00	2.5			203	16	6.80	2.7																																																																																																																																																																																																																																																																																																																																																																																
5.7	380	158.45	1.45	WSAF67		103	30	13.39	1.60			127	25	10.91	1.95			135	23	10.23	2.0			153	21	9.02	2.2	173	18	8.00	2.5			203	16	6.80	2.7																																																																																																																																																																																																																																																																																																																																																																																						
103	30	13.39	1.60			127	25	10.91	1.95			135	23	10.23	2.0			153	21	9.02	2.2			173	18	8.00	2.5	203	16	6.80	2.7																																																																																																																																																																																																																																																																																																																																																																																												
135	23	10.23	2.0			153	21	9.02	2.2			173	18	8.00	2.5			203	16	6.80	2.7																																																																																																																																																																																																																																																																																																																																																																																																						
153	21	9.02	2.2			173	18	8.00	2.5			203	16	6.80	2.7																																																																																																																																																																																																																																																																																																																																																																																																												
173	18	8.00	2.5			203	16	6.80	2.7																																																																																																																																																																																																																																																																																																																																																																																																																		
203	16	6.80	2.7																																																																																																																																																																																																																																																																																																																																																																																																																								

WS

输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole
0.37KW						0.55KW					
104	28	25.38	2.2			9.6	340	94.08	0.85		
118	25	22.50	2.3			11	305	84.00	0.95		
133	24	19.89	1.85			13	265	71.75	1.10	WS57	
145	22	18.24	2.0	WS37		13	250	67.20	1.15	WSF57	6P
171	19	15.53	2.3	WSF37	2P	16	245	54.59	1.10	WSA57	
198	16	13.39	2.5	WSA37		19	215	47.32	1.25	WSAF57	
212	15	12.48	2.7	WSAF37		20	200	44.22	1.35		
243	13	10.91	3.0			24	176	38.23	1.55		
259	12	10.23	3.1			8.6	370	158.12	0.80		
294	11	9.02	3.3			9.9	330	137.05	0.90		
0.55KW						11	310	128.10	0.95		
1.0	2810	1332	0.90			12	270	110.73	1.10		
1.1	2540	1191	1.00			14	235	94.08	1.25		
1.3	2210	1032	1.15	WS87 WR57	4P	16	210	84.00	1.40		
1.5	2040	930	1.25	WSF87 WR57		19	184	71.75	1.55	WS57	
1.6	1840	831	1.35	WSA87 WR57		20	174	67.20	1.65	WSF57	4P
1.9	1600	719	1.55	WSAF87 WR57		25	167	54.59	1.45	WSA57	
2.2	1400	624	1.80			29	146	47.32	1.70	WSAF57	
2.4	1270	558	1.95			31	137	44.22	1.80		
3.1	1010	435	2.4			36	120	38.23	2.0		
2.7	1380	499	0.90			42	103	32.48	2.4		
3.1	1210	438	1.05	WS77 WR37	4P	47	92	29.00	2.7		
3.5	1070	389	1.15	WSF77 WR37		55	79	24.77	3.1		
4.2	910	327	1.35	WSA77 WR37		59	75	23.20	3.3		
4.7	820	289	1.50	WSAF77 WR37		67	69	20.33	2.4		
5.4	710	250	1.75			16	205	84.00	0.80		
5.5	650	246	0.90	WS67 WR37	4P	19	179	71.75	0.95		
6.2	580	221	1.00	WSF67 WR37		20	169	67.20	1.00		
6.9	530	198	1.10	WSA67 WR37		25	165	54.59	0.95		
8.1	455	168	1.25	WSAF67 WR37		29	144	47.32	1.10	WS47	4P
2.4	1450	288.00	1.70	WS87	8P	31	135	44.22	1.15	WSF47	
2.6	1320	258.18	1.85	WSF87		36	118	38.23	1.30	WSA47	
3.1	1150	222.40	2.1	WSA87		42	101	32.48	1.55	WSAF47	
				WSAF87		47	91	29.00	1.70		
3.1	1130	288.00	2.2	WS87	6P	55	78	24.77	2.0		
3.5	1020	258.18	2.4	WSF87		59	74	23.20	2.1		
4.1	900	222.40	2.7	WSA87		67	69	20.33	1.30		
4.4	820	202.96	2.9	WSAF87		77	60	17.62	1.85		
3.0	1090	225.26	1.15	WS77	8P	83	56	16.47	1.95		
3.2	1040	214.00	1.20	WSF77		96	49	14.24	2.2		
3.6	930	189.09	1.35	WSA77		112	42	12.10	2.6		
4.2	810	161.60	1.55	WSAF77		126	37	10.80	2.9		
3.5	960	256.47	1.35	WS77	6P	147	32	9.23	3.4		
4.0	850	225.26	1.50	WSF77		44	94	30.68	0.80		
4.2	810	214.00	1.55	WSA77		47	89	28.76	0.85		
4.8	730	189.09	1.75	WSAF77		54	79	25.38	0.95		
5.6	635	161.60	2.0			60	70	22.50	1.05		
5.3	660	256.47	1.90	WS77	4P	71	60	19.13	1.20	WS37	4P
6.0	590	225.26	2.2	WSF77		88	53	15.53	0.95	WSF37	
6.4	560	214.00	2.3	WSA77		102	46	13.39	1.10	WSA37	
7.2	505	189.09	2.5	WSAF77		109	43	12.48	1.15	WSAF37	
6.3	520	217.41	1.00			125	37	10.91	1.30		
7.2	465	190.11	1.10			133	35	10.23	1.35		
7.5	445	180.60	1.15			151	31	9.02	1.50		
8.6	395	158.45	1.30			170	28	8.00	1.60		
10	340	134.40	1.55	WS67	4P	200	24	6.80	1.80		
11	310	121.33	1.65	WSF67		94	46	28.76	1.40		
13	275	106.75	1.85	WSA67		106	41	25.38	1.50		
13	265	100.80	1.95	WSAF67		120	37	22.50	1.55		
16	230	85.83	2.3			136	34	19.89	1.30		
18	230	75.06	2.1			148	32	18.24	1.40	WS37	
21	205	65.63	2.3			174	27	15.53	1.55	WSF37	2P
						202	24	13.39	1.75	WSA37	
						216	22	12.48	1.85	WSAF37	
						248	19	10.91	2.0		

输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole																																																																																																																																																																																																																																																																																																																																																																																																															
0.55KW						0.75KW																																																																																																																																																																																																																																																																																																																																																																																																																				
264	18	10.23	2.1	WS37	2P	10	460	134.40	1.15	WS67 WSF67 WSA67 WSAF67	4P																																																																																																																																																																																																																																																																																																																																																																																																															
299	16	9.02	2.2	WSF37		338	14	8.00	2.5			WSA37	397	12	6.80	2.4	WSAF37	10	420	121.33	1.25		11	420	121.33	1.25		13	375	106.75	1.40		14	355	100.80	1.40		16	305	85.83	1.70		18	310	75.06	1.55		21	275	65.63	1.75		22	260	62.35	1.85		25	230	54.70	2.1		30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80	WS57 WSF57 WSA57 WSAF57	6P	1.3	4240	1070	1.00		1.5	3650	928	1.15	WS97 WR57	1.7	3230	824	1.30	WSF97 WR57	1.9	2300	714	1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13	345	67.20	0.85	WS57 WSF57 WSA57 WSAF57	6P	1.5	2780	930	0.90		1.7	2510	831	1.00	WS87 WR57	1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00	WS77 WR37	4P	12	365	110.73	0.80	WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289	1.10	WSF77 WR37	5.5	960	250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																				
338	14	8.00	2.5	WSA37		397	12	6.80	2.4			WSAF37	10	420	121.33	1.25		11	420	121.33	1.25		13	375	106.75	1.40		14	355	100.80	1.40		16	305	85.83	1.70		18	310	75.06	1.55		21	275	65.63	1.75		22	260	62.35	1.85		25	230	54.70	2.1		30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80		WS57 WSF57 WSA57 WSAF57	6P	1.3	4240			1070	1.00		1.5	3650	928	1.15	WS97 WR57	1.7	3230	824	1.30	WSF97 WR57	1.9	2300	714	1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13		345	67.20	0.85	WS57 WSF57 WSA57 WSAF57			6P	1.5	2780	930	0.90		1.7	2510	831	1.00	WS87 WR57	1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00		WS77 WR37	4P	12	365			110.73	0.80	WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289	1.10	WSF77 WR37	5.5	960	250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																
397	12	6.80	2.4	WSAF37		10	420	121.33	1.25				11	420	121.33	1.25		13	375	106.75	1.40		14	355	100.80	1.40		16	305	85.83	1.70		18	310	75.06	1.55		21	275	65.63	1.75		22	260	62.35	1.85		25	230	54.70	2.1		30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80		WS57 WSF57 WSA57 WSAF57	6P	1.3	4240				1070	1.00				1.5	3650	928	1.15	WS97 WR57	1.7	3230	824	1.30	WSF97 WR57	1.9	2300	714	1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13		345		67.20	0.85	WS57 WSF57 WSA57 WSAF57					6P	1.5	2780	930	0.90		1.7	2510	831	1.00	WS87 WR57	1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327		1.00		WS77 WR37	4P			12	365			110.73	0.80	WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289	1.10	WSF77 WR37	5.5	960	250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67												
10	420	121.33	1.25			11	420	121.33	1.25				13	375	106.75	1.40		14	355	100.80	1.40		16	305	85.83	1.70		18	310	75.06	1.55		21	275	65.63	1.75		22	260	62.35	1.85		25	230	54.70	2.1		30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80		WS57 WSF57 WSA57 WSAF57	6P	1.3	4240				1070	1.00					1.5			3650	928	1.15	WS97 WR57	1.7	3230	824	1.30	WSF97 WR57	1.9	2300	714	1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13		345		67.20		0.85	WS57 WSF57 WSA57 WSAF57							6P	1.5	2780	930	0.90		1.7	2510	831	1.00	WS87 WR57	1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240		327		1.00				WS77 WR37	4P			12	365			110.73	0.80	WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289	1.10	WSF77 WR37	5.5	960	250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67								
11	420	121.33	1.25		13	375	106.75	1.40				14	355	100.80	1.40		16	305	85.83	1.70		18	310	75.06	1.55		21	275	65.63	1.75		22	260	62.35	1.85		25	230	54.70	2.1		30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80	WS57 WSF57 WSA57 WSAF57		6P	1.3	4240	1070				1.00					1.5	3650				928	1.15			WS97 WR57	1.7	3230	824	1.30	WSF97 WR57	1.9	2300	714	1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13	345		67.20		0.85		WS57 WSF57 WSA57 WSAF57		6P									1.5	2780	930	0.90		1.7	2510	831	1.00	WS87 WR57	1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240		327		1.00				WS77 WR37				4P	12			365	110.73			0.80	WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289	1.10	WSF77 WR37	5.5	960	250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67					
13	375	106.75	1.40		14	355	100.80	1.40				16	305	85.83	1.70		18	310	75.06	1.55		21	275	65.63	1.75		22	260	62.35	1.85		25	230	54.70	2.1		30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80		WS57 WSF57 WSA57 WSAF57	6P	1.3	4240				1070	1.00					1.5	3650				928	1.15				WS97 WR57	1.7			3230	824	1.30	WSF97 WR57	1.9	2300	714	1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13		345	67.20		0.85		WS57 WSF57 WSA57 WSAF57													6P	1.5	2780	930	0.90		1.7	2510	831	1.00	WS87 WR57	1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327		1.00				WS77 WR37					4P			12	365			110.73			0.80	WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289	1.10	WSF77 WR37	5.5	960	250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67		
14	355	100.80	1.40		16	305	85.83	1.70				18	310	75.06	1.55		21	275	65.63	1.75		22	260	62.35	1.85		25	230	54.70	2.1		30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80		WS57 WSF57 WSA57 WSAF57	6P	1.3	4240				1070	1.00					1.5	3650				928	1.15				WS97 WR57	1.7				3230	824			1.30	WSF97 WR57	1.9	2300	714	1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13		345		67.20	0.85		WS57 WSF57 WSA57 WSAF57																6P	1.5	2780	930	0.90		1.7	2510	831	1.00	WS87 WR57	1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00				WS77 WR37								4P	12			365			110.73			0.80	WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289	1.10	WSF77 WR37	5.5	960	250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67				
16	305	85.83	1.70		18	310	75.06	1.55				21	275	65.63	1.75		22	260	62.35	1.85		25	230	54.70	2.1		30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80		WS57 WSF57 WSA57 WSAF57	6P	1.3	4240				1070	1.00					1.5				3650	928	1.15				WS97 WR57	1.7				3230	824				1.30	WSF97 WR57			1.9	2300	714	1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13		345		67.20		0.85	WS57 WSF57 WSA57 WSAF57																			6P	1.5	2780	930	0.90		1.7	2510	831	1.00	WS87 WR57	1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00			WS77 WR37									4P			12			365			110.73			0.80	WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289	1.10	WSF77 WR37	5.5	960	250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67	
18	310	75.06	1.55		21	275	65.63	1.75				22	260	62.35	1.85		25	230	54.70	2.1		30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80		WS57 WSF57 WSA57 WSAF57	6P	1.3	4240				1070	1.00					1.5				3650	928				1.15	WS97 WR57	1.7				3230	824				1.30	WSF97 WR57	1.9			2300	714	1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13	345	67.20	0.85		WS57 WSF57 WSA57 WSAF57		6P		1.5		2780																					930	0.90		1.7	2510	831	1.00	WS87 WR57	1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00	WS77 WR37	4P			12	365											110.73			0.80			WS57 WSF57 WSA57 WSAF57			4P			4.8	1110	289	1.10	WSF77 WR37	5.5	960	250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67	
21	275	65.63	1.75		22	260	62.35	1.85		25	230	54.70	2.1		30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80	WS57 WSF57 WSA57 WSAF57	6P		1.3	4240	1070	1.00					1.5				3650	928				1.15	WS97 WR57				1.7	3230				824	1.30	WSF97 WR57				1.9	2300	714			1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13	345	67.20	0.85	WS57 WSF57 WSA57 WSAF57	6P		1.5	2780	930	0.90								1.7																					2510	831	1.00	WS87 WR57	1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00	WS77 WR37	4P	12	365	110.73				0.80	WS57 WSF57 WSA57 WSAF57			4P								4.8			1110									289	1.10	WSF77 WR37	5.5	960	250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67			
22	260	62.35	1.85		25	230	54.70	2.1		30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80		WS57 WSF57 WSA57 WSAF57	6P	1.3	4240				1070	1.00		1.5				3650	928				1.15	WS97 WR57				1.7	3230				824	1.30				WSF97 WR57	1.9	2300	714			1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13	345	67.20	0.85		WS57 WSF57 WSA57 WSAF57	6P	1.5	2780				930	0.90		1.7						2510		831								1.00					WS87 WR57	1.9							2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00	WS77 WR37	4P	12	365	110.73	0.80		WS57 WSF57 WSA57 WSAF57	4P	4.8		1110	289	1.10					WSF77 WR37							5.5			960									250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67			
25	230	54.70	2.1		30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80		WS57 WSF57 WSA57 WSAF57	6P	1.3	4240				1070	1.00					1.5	3650	928				1.15	WS97 WR57				1.7	3230				824	1.30				WSF97 WR57	1.9		2300		714	1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13	345	67.20	0.85		WS57 WSF57 WSA57 WSAF57	6P	1.5	2780				930	0.90					1.7	2510	831						1.00		WS87 WR57						1.9		2190				719	1.15	WSF87 WR57	2.2						1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00	WS77 WR37	4P	12	365	110.73	0.80		WS57 WSF57 WSA57 WSAF57	4P	4.8	1110				289		1.10	WSF77 WR37	5.5		960	250		1.30			WSA77 WR37				6.3			850									219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67								
30	198	46.40	2.4		0.75KW						0.75KW						1.1	4840	1223	0.85		4P	13	365	71.75	0.80		WS57 WSF57 WSA57 WSAF57	6P	1.3	4240				1070	1.00					1.5				3650	928	1.15	WS97 WR57				1.7	3230				824	1.30				WSF97 WR57	1.9	2300			714	1.85	WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2		1.3	3030	1032	0.85		4P	13	345	67.20	0.85		WS57 WSF57 WSA57 WSAF57	6P	1.5	2780				930	0.90					1.7				2510	831	1.00	WS87 WR57						1.9		2190				719		1.15		WSF87 WR57			2.2	1920	624	1.30	WSA87 WR57	2.5					1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00	WS77 WR37	4P	12	365	110.73	0.80		WS57 WSF57 WSA57 WSAF57	4P	4.8	1110				289	1.10				WSF77 WR37		5.5	960	250		1.30	WSA77 WR37		6.3	850	219	1.45	WSAF77 WR37			2.4			2040									286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67													
0.75KW						0.75KW																																																																																																																																																																																																																																																																																																																																																																																																																				
1.1	4840	1223	0.85		4P	13	365	71.75	0.80	WS57 WSF57 WSA57 WSAF57	6P																																																																																																																																																																																																																																																																																																																																																																																																															
1.3	4240	1070	1.00			1.5	3650	928	1.15			WS97 WR57	1.7	3230	824	1.30	WSF97 WR57	1.9	2300	714	1.85		WSA97 WR57	2.2	2450	626				1.70	WSAF97 WR57				2.6	2110				538	2.0					2.8	1900	484	2.2				1.3	3030	1032	0.85		4P	13	345	67.20	0.85	WS57 WSF57 WSA57 WSAF57	6P	1.5	2780	930	0.90		1.7	2510	831	1.00	WS87 WR57	1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57		3.2	1390	435	1.75					4.3				1060	323				2.3					4.2	1240	327	1.00					WS77 WR37	4P	12	365		110.73		0.80	WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289	1.10	WSF77 WR37	5.5	960	250	1.30	WSA77 WR37	6.3	850			219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97						WSAF97				3.1	1540	288.00			1.60	WS87	3.5			1400	258.18	1.75	WSF87	4.1		1220	222.40		1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3							950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																									
1.5	3650	928	1.15	WS97 WR57		1.7	3230	824	1.30			WSF97 WR57	1.9	2300	714	1.85	WSA97 WR57	2.2	2450	626	1.70		WSAF97 WR57	2.6	2110	538				2.0					2.8	1900				484	2.2				1.3	3030	1032	0.85		4P	13	345	67.20	0.85	WS57 WSF57 WSA57 WSAF57	6P	1.5		2780	930	0.90				1.7	2510	831	1.00	WS87 WR57	1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75			4.3	1060	323	2.3					4.2				1240	327				1.00	WS77 WR37				4P	12	365	110.73			0.80		WS57 WSF57 WSA57 WSAF57		4P	4.8		1110	289	1.10			WSF77 WR37	5.5	960	250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040		286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1		1540	288.00	1.60	WS87	3.5			1400	258.18	1.75			WSF87	4.1	1220			222.40	1.95	WSA87	4.4	1120		202.96	2.1		WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830		222.40	2.8				WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																	
1.7	3230	824	1.30	WSF97 WR57		1.9	2300	714	1.85			WSA97 WR57	2.2	2450	626	1.70	WSAF97 WR57	2.6	2110	538	2.0			2.8	1900	484				2.2					1.3	3030	1032			0.85		4P	13	345	67.20	0.85	WS57 WSF57 WSA57 WSAF57	6P	1.5		2780	930	0.90				1.7		2510	831	1.00	WS87 WR57			1.9	2190	719	1.15	WSF87 WR57	2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3			4.2	1240	327	1.00				WS77 WR37	4P				12	365				110.73	0.80					WS57 WSF57 WSA57 WSAF57	4P	4.8	1110		289					1.10	WSF77 WR37	5.5	960	250			1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220			222.40	1.95	WSA87			4.4	1120	202.96			2.1	WSAF87	4.8	1050	288.00		2.2	WS87		5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96		3.0	WSAF87		4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																									
1.9	2300	714	1.85	WSA97 WR57		2.2	2450	626	1.70			WSAF97 WR57	2.6	2110	538	2.0		2.8	1900	484	2.2			1.3	3030	1032				0.85		4P			13	345	67.20	0.85	WS57 WSF57 WSA57 WSAF57	6P	1.5		2780	930	0.90				1.7		2510	831	1.00	WS87 WR57			1.9		2190	719	1.15	WSF87 WR57			2.2	1920	624	1.30	WSA87 WR57	2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00	WS77 WR37		4P	12	365	110.73				0.80					WS57 WSF57 WSA57 WSAF57	4P				4.8	1110			289				1.10	WSF77 WR37	5.5	960	250				1.30	WSA77 WR37	6.3	850	219			1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120			202.96	2.1	WSAF87			4.8	1050	288.00			2.2	WS87	5.3	950	258.18		2.4	WSF87		6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																
2.2	2450	626	1.70	WSAF97 WR57		2.6	2110	538	2.0				2.8	1900	484	2.2		1.3	3030	1032	0.85			4P	13	345	67.20			0.85	WS57 WSF57 WSA57 WSAF57		6P	1.5	2780	930	0.90				1.7		2510	831	1.00	WS87 WR57			1.9		2190	719	1.15	WSF87 WR57			2.2		1920	624	1.30	WSA87 WR57			2.5	1730	558	1.45	WSAF87 WR57	3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00	WS77 WR37	4P	12	365	110.73	0.80			WS57 WSF57 WSA57 WSAF57	4P	4.8				1110							289			1.10	WSF77 WR37	5.5	960	250				1.30	WSA77 WR37	6.3	850	219				1.45	WSAF77 WR37	2.4	2040	286.40			2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050			288.00	2.2	WS87			5.3	950	258.18			2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																							
2.6	2110	538	2.0			2.8	1900	484	2.2				1.3	3030	1032	0.85		4P	13	345	67.20	0.85	WS57 WSF57 WSA57 WSAF57		6P	1.5	2780	930	0.90					1.7	2510	831	1.00	WS87 WR57			1.9		2190	719	1.15	WSF87 WR57			2.2		1920	624	1.30	WSA87 WR57			2.5		1730	558	1.45	WSAF87 WR57			3.2	1390	435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00	WS77 WR37	4P	12	365	110.73	0.80		WS57 WSF57 WSA57 WSAF57	4P	4.8	1110					289				1.10		WSF77 WR37					5.5	960	250	1.30	WSA77 WR37	6.3	850	219				1.45	WSAF77 WR37	2.4	2040	286.40		2.1		WS97	2.6	1890	262.22	2.2			WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18			2.4	WSF87	6.2			830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																															
2.8	1900	484	2.2			1.3	3030	1032	0.85				4P	13	345	67.20	0.85		WS57 WSF57 WSA57 WSAF57	6P	1.5	2780				930	0.90		1.7	2510				831	1.00	WS87 WR57	1.9	2190			719		1.15	WSF87 WR57	2.2	1920			624		1.30	WSA87 WR57	2.5	1730			558		1.45	WSAF87 WR57	3.2	1390			435	1.75		4.3	1060	323	2.3		4.2	1240	327	1.00	WS77 WR37	4P	12		365	110.73	0.80	WS57 WSF57 WSA57 WSAF57				4P	4.8					1110	289			1.10		WSF77 WR37	5.5	960			250	1.30	WSA77 WR37	6.3	850	219	1.45	WSAF77 WR37	2.4			2040	286.40	2.1	WS97	2.6		1890		262.22	2.2	WSF97	3.0	1690			231.67	2.5	WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2			830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																																				
1.3	3030	1032	0.85		4P	13	345	67.20	0.85	WS57 WSF57 WSA57 WSAF57	6P																																																																																																																																																																																																																																																																																																																																																																																																															
1.5	2780	930	0.90			1.7	2510	831	1.00			WS87 WR57		1.9	2190	719	1.15				WSF87 WR57	2.2				1920	624	1.30	WSA87 WR57	2.5				1730	558	1.45	WSAF87 WR57	3.2			1390		435	1.75		4.3			1060		323	2.3		4.2			1240		327	1.00	WS77 WR37	4P			12	365	110.73	0.80	WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289	1.10	WSF77 WR37	5.5	960		250		1.30	WSA77 WR37	6.3						850	219	1.45			WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22			2.2	WSF97	3.0	1690	231.67	2.5	WSA97							WSAF97	3.1	1540		288.00		1.60	WS87	3.5	1400	258.18			1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																																																						
1.7	2510	831	1.00	WS87 WR57		1.9	2190	719	1.15			WSF87 WR57		2.2	1920	624	1.30				WSA87 WR57	2.5				1730	558	1.45	WSAF87 WR57	3.2				1390	435	1.75		4.3			1060		323	2.3		4.2			1240		327	1.00	WS77 WR37	4P			12		365	110.73	0.80				WS57 WSF57 WSA57 WSAF57	4P	4.8	1110			289	1.10	WSF77 WR37	5.5	960	250	1.30		WSA77 WR37		6.3	850	219		1.45				WSAF77 WR37	2.4	2040			286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0			1690	231.67	2.5	WSA97					WSAF97			3.1	1540	288.00	1.60	WS87		3.5		1400	258.18	1.75	WSF87	4.1			1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																																																									
1.9	2190	719	1.15	WSF87 WR57		2.2	1920	624	1.30			WSA87 WR57		2.5	1730	558	1.45				WSAF87 WR57	3.2				1390	435	1.75		4.3				1060	323	2.3		4.2			1240		327	1.00	WS77 WR37	4P			12		365	110.73	0.80				WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289		1.10	WSF77 WR37			5.5	960			250	1.30	WSA77 WR37	6.3	850	219	1.45		WSAF77 WR37	2.4	2040	286.40	2.1		WS97				2.6	1890	262.22			2.2	WSF97	3.0	1690	231.67	2.5	WSA97							WSAF97	3.1	1540	288.00	1.60	WS87	3.5			1400	258.18	1.75	WSF87	4.1		1220		222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																																																																	
2.2	1920	624	1.30	WSA87 WR57		2.5	1730	558	1.45			WSAF87 WR57		3.2	1390	435	1.75					4.3				1060	323	2.3		4.2				1240	327	1.00	WS77 WR37	4P			12		365	110.73	0.80				WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289		1.10	WSF77 WR37			5.5	960	250		1.30	WSA77 WR37			6.3	850			219	1.45	WSAF77 WR37	2.4	2040	286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97		3.0				1690	231.67	2.5			WSA97					WSAF97	3.1	1540	288.00			1.60	WS87	3.5	1400	258.18	1.75	WSF87	4.1	1220			222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																																																																									
2.5	1730	558	1.45	WSAF87 WR57		3.2	1390	435	1.75					4.3	1060	323	2.3					4.2				1240	327	1.00	WS77 WR37	4P				12	365	110.73	0.80				WS57 WSF57 WSA57 WSAF57	4P	4.8	1110	289		1.10	WSF77 WR37			5.5	960	250		1.30	WSA77 WR37			6.3	850	219		1.45	WSAF77 WR37			2.4	2040			286.40	2.1	WS97	2.6	1890	262.22	2.2	WSF97	3.0	1690	231.67	2.5	WSA97											WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400	258.18			1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																																																																																
3.2	1390	435	1.75			4.3	1060	323	2.3					4.2	1240	327	1.00				WS77 WR37	4P				12	365	110.73	0.80			WS57 WSF57 WSA57 WSAF57		4P	4.8	1110	289		1.10	WSF77 WR37			5.5	960	250		1.30	WSA77 WR37			6.3	850	219		1.45	WSAF77 WR37			2.4	2040	286.40	2.1	WS97	2.6			1890	262.22			2.2	WSF97	3.0	1690	231.67	2.5	WSA97					WSAF97	3.1		1540				288.00	1.60	WS87			3.5	1400	258.18	1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																																																																																								
4.3	1060	323	2.3			4.2	1240	327	1.00			WS77 WR37		4P	12	365	110.73				0.80			WS57 WSF57 WSA57 WSAF57		4P	4.8	1110	289		1.10		WSF77 WR37		5.5	960	250		1.30	WSA77 WR37			6.3	850	219		1.45	WSAF77 WR37			2.4	2040	286.40	2.1	WS97	2.6			1890	262.22	2.2	WSF97	3.0	1690			231.67	2.5			WSA97					WSAF97	3.1	1540	288.00	1.60	WS87	3.5	1400		258.18				1.75	WSF87	4.1	1220	222.40	1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																																																																																																
4.2	1240	327	1.00	WS77 WR37		4P	12	365	110.73			0.80			WS57 WSF57 WSA57 WSAF57	4P																																																																																																																																																																																																																																																																																																																																																																																																										
4.8	1110	289	1.10	WSF77 WR37			5.5	960	250			1.30	WSA77 WR37				6.3	850	219	1.45	WSAF77 WR37		2.4		2040		286.40	2.1	WS97		2.6		1890		262.22	2.2	WSF97	3.0	1690	231.67			2.5	WSA97							WSAF97	3.1	1540	288.00	1.60	WS87			3.5	1400	258.18	1.75	WSF87	4.1			1220	222.40			1.95	WSA87	4.4	1120	202.96	2.1	WSAF87	4.8	1050	288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																																																																																																																							
5.5	960	250	1.30	WSA77 WR37	6.3		850	219	1.45	WSAF77 WR37	2.4	2040	286.40				2.1	WS97	2.6	1890	262.22		2.2		WSF97		3.0	1690	231.67	2.5	WSA97							WSAF97	3.1	1540			288.00	1.60	WS87	3.5	1400	258.18			1.75	WSF87	4.1	1220	222.40	1.95			WSA87	4.4	1120	202.96	2.1	WSAF87			4.8	1050			288.00	2.2	WS87	5.3	950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																																																																																																																																
6.3	850	219	1.45	WSAF77 WR37	2.4		2040	286.40	2.1	WS97	2.6	1890	262.22				2.2	WSF97	3.0	1690	231.67	2.5	WSA97							WSAF97	3.1		1540		288.00	1.60	WS87	3.5	1400	258.18			1.75	WSF87	4.1	1220	222.40	1.95			WSA87	4.4	1120	202.96	2.1	WSAF87			4.8	1050	288.00	2.2	WS87	5.3			950	258.18	2.4	WSF87	6.2	830	222.40	2.8	WSA87	6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																																																																																																																																								
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6.8	765	202.96	3.0	WSAF87	4.0	1160	225.26	1.10	WS77	4.2	1110	214.00	1.15	WSF77	4.8	990	189.09	1.30	WSA77	5.6	860	161.60	1.45	WSAF77	5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		5.4	890	256.47	1.45		6.1	790	225.26	1.60		6.4	755	214.00	1.70		7.3	675	189.09	1.90	WS77	8.5	585	161.60	2.2	WSF77	9.3	545	148.15	2.3	WSA77	11	480	130.00	2.5	WSAF77	11	460	123.20	2.6		13	405	107.83	2.9		7.3	625	190.11	0.85	WS67	7.6	595	180.60	0.85	WSF67	8.7	530	158.45	1.00	WSA67					WSAF67																																																																																																																																																																																																																																																																																				
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WS

输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole
1.1KW						1.1KW					
1.7	4720	824	0.90			20	360	71.75	0.80		
2.0	3370	714	1.25	WS97	WR57	21	340	67.20	0.85		
2.2	3590	626	1.15	WSF97	WR57	25	290	56.61	0.90		
2.6	3090	538	1.35	WSA97	WR57	30	285	47.32	0.85		
2.9	2790	484	1.50	WSAF97	WR57	32	265	44.22	0.90		
3.3	2430	420	1.75			37	235	38.23	1.05	WS57	
						43	200	32.48	1.25	WSF57	4P
2.2	2820	624	0.90			48	179	29.00	1.35	WSA57	
2.5	2550	558	1.00			57	154	24.77	1.60	WSAF57	
2.9	2240	485	1.10			60	145	23.20	1.70		
3.2	2040	435	1.20	WS87	WR57	72	123	19.45	1.75		
3.7	1790	378	1.35	WSF87	WR57	79	117	17.62	1.45		
4.3	1560	323	1.55	WSA87	WR57	85	110	16.47	1.55		
5.0	1370	281	1.75	WSAF87	WR57	98	95	14.24	1.75		
5.5	1460	255	1.35			116	82	12.10	2.1		
6.3	1280	222	1.55			130	73	10.80	2.3		
6.8	1200	205	1.65			152	63	9.23	2.7		
6.4	1240	219	1.00	WS77	WR37	48	177	29.00	0.90		
				WSF77	WR37	57	153	24.77	1.00		
				WSA77	WR37	60	143	23.20	1.05		
				WSAF77	WR37	72	122	19.54	1.20	WS47	
2.4	3030	286.40	1.40	WS97		79	117	17.62	0.95	WSF47	4P
2.6	2800	262.22	1.50	WSF97		85	109	16.47	1.00	WSA47	
2.9	2500	231.67	1.70	WSA97	8P	98	95	14.24	1.15	WSAF47	
3.5	2160	196.52	1.95	WSAF97		116	81	12.10	1.35		
3.2	2310	286.40	1.80	WS97		130	73	10.80	1.50		
3.5	2130	262.22	1.95	WSF97	6P	152	63	9.23	1.75		
4.0	1900	231.67	2.2	WSA97		162	59	8.64	1.85		
				WSAF97		192	50	7.28	2.1		
3.2	2220	288.00	1.10	WS87		175	54	8.00	0.85	WS37	4P
3.6	2010	258.18	1.20	WSF87	6P	206	46	6.80	0.95	WSF37	
4.1	1760	222.40	1.35	WSA87						WSA37	
4.5	1620	202.96	1.45	WSAF87						WSAF37	
4.9	1520	288.00	1.50			202	47	13.39	0.85		
5.4	1370	258.18	1.65	WS87		216	44	12.48	0.90	WS37	
6.3	1200	222.40	1.90	WSF87	4P	248	39	10.91	1.00	WSF37	
6.9	1100	202.96	2.0	WSA87		264	36	10.23	1.05	WSA37	2P
7.8	990	180.00	2.2	WSAF87		299	32	9.02	1.10	WSAF37	
9.2	840	151.30	2.5			338	28	8.00	1.25		
6.2	1150	225.26	1.10			397	24	6.80	1.20		
6.5	1100	214.00	1.15			1.5KW					
7.4	980	189.09	1.30			2.0	4590	714	0.90		
8.7	850	161.60	1.50	WS77		2.2	4890	626	0.85	WS97	WR57
9.4	785	148.15	1.60	WSF77	4P	2.6	4220	538	1.00	WSF97	WR57
11	695	130.00	1.75	WSA77		2.9	3810	484	1.10	WSA97	WR57
11	665	123.20	1.80	WSAF77		3.4	3310	420	1.25	WSAF97	WR57
13	585	107.83	2.0			3.8	2990	376	1.40		
14	535	97.14	2.1			4.3	2630	327	1.60		
16	470	85.22	2.3			2.9	3060	485	0.80		
12	605	121.33	0.85			3.2	2780	435	0.90	WS87	WR57
13	540	106.75	0.95			3.7	2450	378	1.00	WSF87	WR57
14	515	100.80	1.00			4.4	2130	323	1.15	WSA87	WR57
16	445	85.83	1.15	WS67		5.0	1870	281	1.30	WSAF87	WR57
18	405	78.00	1.30	WSF67	4P	5.5	2000	255	1.00		
21	400	65.63	1.20	WSA7		6.3	1750	222	1.15		
22	380	62.35	1.25	WSAF67		6.9	1630	205	1.20		
26	335	54.70	1.45			2.4	4030	286.40	1.05	WS97	
30	285	46.40	1.65			2.7	3720	262.22	1.15	WSF97	8P
33	260	41.89	1.85			3.0	3330	231.67	1.25	WSA97	
38	230	36.85	2.1			3.6	2870	196.52	1.45	WSAF97	
40	220	34.80	2.2								
47	187	29.63	2.6								

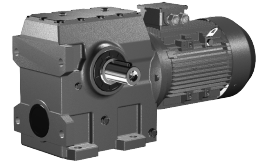
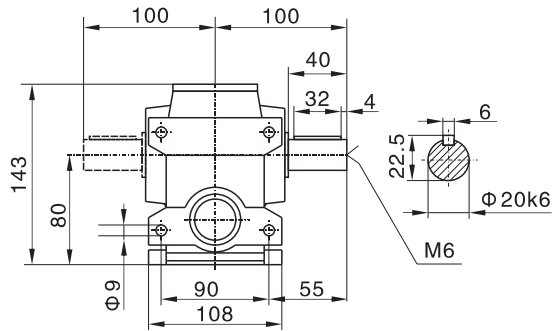
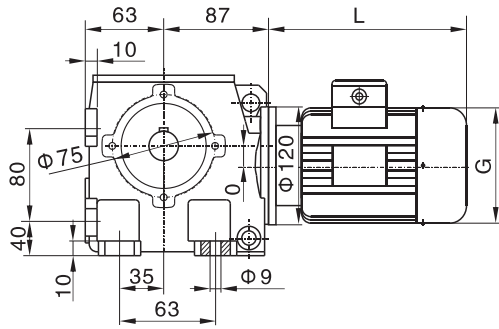
输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole			
1.5KW						1.5KW								
3.2	3150	286.40	1.35	WS97	6P	99	129	14.24	1.30	WS57	4P			
3.5	2910	262.22	1.45	WSF97		117	110	12.10	1.55	WSF57				
4.0	2600	231.67	1.60	WSA97		131	99	10.80	1.70	WSA57				
4.7	2230	196.52	1.90	WSAF97		153	85	9.23	2.0	WSAF57				
4.9	2130	286.40	1.90	WS97	4P	99	129	14.24	0.85	WS47	4P			
5.4	1970	262.22	2.0	WSF97		117	110	12.10	1.00					
6.1	1760	231.67	2.3	WSA97		131	99	10.80	1.10					
7.2	1510	196.52	2.7	WSAF97		153	85	9.23	1.30					
3.6	2740	258.18	0.90	WS87	6P	163	79	8.64	1.35	WSAF47				
4.1	2390	222.40	1.00	WSF87		194	67	7.28	1.55					
4.5	2200	202.96	1.10	WSA87		299	44	9.02	0.85					
5.1	1980	180.00	1.20	WSAF87		338	39	8.00	0.90					
4.9	2060	288.00	1.10	WS87 WSF87 WSA87 WSAF87	4P	397	33	6.80	0.90	WS37 WSF37 WSA37 WSAF37	2P			
5.5	1860	258.18	1.20			2.2KW								
6.3	1630	222.40	1.40			3.4	4900	420	0.85	WS97 WR57 WSF97 WR57 WSA97 WR57 WSAF97 WR57		4P		
6.9	1500	202.96	1.50			3.8	4410	376	0.95					
7.8	1340	180.00	1.65			4.3	3870	327	1.10					
9.3	1140	151.30	1.90			4.9	3420	287	1.25					
10	1060	139.05	2.0			5.6	3000	252	1.40					
11	950	123.48	2.2			3.3	4530	286.40	0.95	WS97 WSF97 WSA97 WSAF97		6P		
13	850	110.40	2.3			3.6	4180	262.22	1.00					
14	770	99.26	2.5			4.1	3730	231.67	1.15					
						4.8	3210	196.52	1.30					
7.5	1330	189.09	0.95			WS77 WSF77 WSA77 WSAF77	4P	4.9	3130	286.40		1.30	WS97 WSF97 WSA97 WSAF97	4P
8.7	1150	161.60	1.10					5.4	2890	262.22		1.40		
9.5	1060	148.15	1.15					6.1	2570	231.67		1.55		
11	940	130.00	1.30	7.2	2210			196.52	1.80					
11	900	123.20	1.35	7.8	2050			180.95	1.90					
13	795	107.83	1.45	8.7	1840			161.74	2.1					
15	725	97.14	1.60	9.7	1670			145.60	2.2					
17	640	85.22	1.70	11	1520			131.85	2.4					
19	650	75.09	1.70	12	1360			116.92	2.6					
20	620	71.33	1.80	13	1240			105.71	2.8					
21	510	66.67	2.0	16	1060			89.60	3.1					
22	550	63.03	2.0	5.5	2730			258.18	0.85	WS87 WSF87 WSA87 WSAF87	4P			
25	440	56.92	2.3	6.3	2380			222.40	0.95					
26	470	53.87	2.3	6.9	2190			202.96	1.05					
29	435	49.38	2.5	7.8	1970			180.00	1.10					
33	385	43.33	2.9	9.3	1680			151.30	1.30					
				10	1550	139.05	1.35							
				11	1390	123.48	1.50							
				13	1250	110.40	1.60							
				14	1130	99.26	1.75							
				16	990	86.15	1.90							
16	600	85.83	0.85	17	1030	81.76	1.50	WS77 WSF77 WSA77 WSAF77	4P					
18	550	78.00	0.95	18	890	77.14	2.0							
21	540	65.63	0.90	20	920	70.43	1.75							
23	515	62.35	0.95	22	840	64.27	1.90							
26	455	54.70	1.05	25	750	57.00	2.1							
30	390	46.40	1.25	11	1390	130.00	0.85							
34	355	41.89	1.36	11	1320	123.20	0.90							
38	310	36.85	1.55	13	1170	107.83	1.00							
41	295	34.80	1.60	15	1060	97.14	1.10							
48	255	29.63	1.90	17	940	85.22	1.15							
52	230	26.93	2.1	19	840	75.20	1.30							
58	220	24.44	1.55	21	745	66.67	1.40							
61	210	23.22	1.60	22	810	63.03	1.35							
69	186	20.37	1.85	25	645	56.92	1.55							
82	159	17.28	2.1	26	695	53.87	1.60							
90	144	15.60	2.4	29	635	49.38	1.75							
103	127	13.73	2.7	33	560	43.33	1.95							
43	270	32.48	0.90	34	535	41.07	2.1							
49	245	29.00	1.00											
57	210	24.77	1.15	WS57	4P									
61	196	23.20	1.25	WSF57										
72	167	19.54	1.30	WSA57										
80	159	17.62	1.05	WSAF57										
86	149	16.47	1.15											

输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole	
2.2KW						3.0KW						
39	470	35.94	2.3			16	1290	85.22	0.85			
44	425	32.38	2.6	WS77	4P	19	1150	75.20	0.95			
50	375	28.41	2.8	WSF77		21	1020	66.67	1.00			
56	330	25.07	3.1	WSA77		22	1110	63.03	1.00			
62	310	22.89	2.3	WSAF77		25	880	56.92	1.10			
67	285	20.99	2.5			26	950	53.87	1.15			
						28	880	49.39	1.25			
30	570	46.40	0.85		4P	32	770	43.33	1.40			
34	515	41.89	0.95			34	735	41.07	1.50	WS77	4P	
38	460	36.85	1.05			39	645	35.94	1.70	WSF77		
41	435	34.80	1.10			43	585	32.38	1.85	WSA77		
48	370	29.63	1.30			49	515	28.41	2.0	WSAF77		
52	340	26.93	1.40	WS67		56	455	25.07	2.2			
60	295	23.33	1.60	WSF67		61	430	22.89	1.65			
69	275	20.37	1.25	WSA67		67	395	20.99	1.80			
82	235	17.28	1.45	WSAF67		76	345	18.42	2.0			
90	210	15.60	1.60			80	330	17.45	2.2			
103	186	13.73	1.85			92	290	15.28	2.5			
109	176	12.96	1.95			102	260	13.73	2.7			
128	151	11.03	2.3			116	230	12.07	3.1			
141	137	10.03	2.5			131	205	10.65	3.5			
162	119	8.69	2.8									
99	190	14.24	0.90			4P	40	595	34.80	0.80		
117	162	12.10	1.05	WS57	47		510	29.63	0.95			
131	145	10.80	1.15	WSF57	52		465	26.93	1.05			
153	124	9.23	1.35	WSA57	60		405	23.33	1.20			
163	117	8.64	1.40	WSAF57	69		375	20.37	0.90			
194	99	7.28	1.50		81		320	17.28	1.05	WS67		
					90		290	15.60	1.15	WSF67		
					102		255	13.73	1.35	WSA67		
					108		240	12.96	1.40	WSAF67		
					127		205	11.03	1.65			
3.0KW						4.0KW						
4.9	4710	287	0.90	WS97	WR57	130	199	10.80	0.85	WS57	4P	
5.6	4140	252	1.00	WSF97	WR57	152	171	9.23	1.00	WSF57		
6.4	3620	219	1.15	WSA97	WR57	162	160	8.64	1.05	WSA57		
6.8	3400	205	1.25	WSAF97	WR57	192	136	7.28	1.10	WSAF57		
4.9	4290	286.40	0.95		4P	4.0KW						
5.3	3960	262.22	1.00			6.5	4780	219	0.90	WS97	WR57	4P
6.0	3530	231.67	1.15			6.9	4490	205	0.95	WSF97	WR57	
7.1	3040	196.52	1.30							WSA97	WR57	
7.7	2810	180.95	1.40	WS97						WSAF97	WR57	
8.7	2530	161.74	1.50	WSF97			6.1	4650	231.67	0.85		4P
9.6	2300	145.60	1.65	WSA97		7.2	3990	196.52	1.00			
11	2090	131.85	1.75	WSAF97		7.8	3700	180.95	1.05			
12	1870	116.92	1.90			8.8	3330	161.74	1.15			
13	1700	105.71	2.0			9.8	3020	145.60	1.25			
16	1450	89.60	2.2		11	2750	131.85	1.35	WS97	4P		
17	1470	80.85	2.2		12	2460	116.92	1.45	WSF97			
					13	2230	105.71	1.55	WSA97			
					16	1910	89.60	1.70	WSAF97			
					18	1940	80.85	1.65				
					20	1720	71.43	1.90				
					23	1470	60.59	2.2				
					25	1350	55.79	2.4				
7.8	2700	180.00	0.80		4P	12	2510	123.48	0.80			4P
9.2	2300	151.30	0.95			13	2260	110.40	0.90			
10	2130	139.05	1.00			14	2040	99.26	0.95	WS87		
11	1900	123.48	1.10			16	1790	86.15	1.05	WSF87		
13	1720	110.40	1.15			18	1610	77.14	1.15	WSA87		
14	1550	99.26	1.25			20	1660	70.43	0.95	WSAF87		
16	1360	86.15	1.40	WS87		22	1520	64.27	1.05			
17	1460	81.76	1.10	WSF87		25	1350	57.00	1.20			
18	1230	77.14	1.50	WSA87		30	1150	47.91	1.40			
20	1260	70.43	1.25	WSAF87								
22	1160	64.27	1.40									
25	1030	57.00	1.55									
29	870	47.91	1.85									
32	800	44.03	2.0									
36	715	39.10	2.2									
40	640	34.96	2.5									

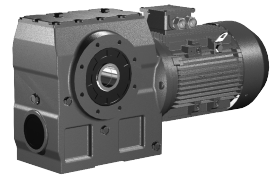
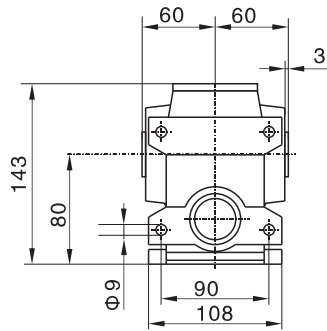
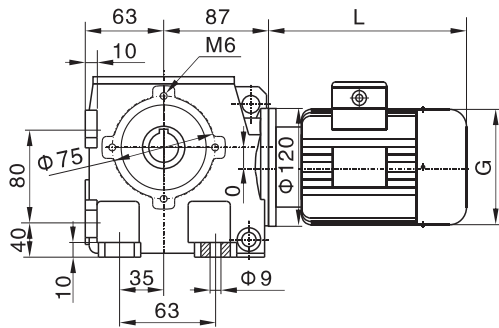
输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole
4.0KW						5.5KW					
32	1060	44.03	1.50		4P	35	1320	41.07	0.85		4P
36	940	39.10	1.70	WS87		40	1160	35.94	0.95		
41	840	34.96	1.90	WSF87		44	1050	32.38	1.05		
45	760	31.43	2.1	WSA87		50	920	28.41	1.15		
52	665	27.28	2.4	WSAF87		57	820	25.07	1.25		
56	635	25.50	1.95			64	725	22.22	1.35	WS77	
						78	625	18.41	1.15	WSF77	
						82	590	17.45	1.20	WSA77	
25	1160	56.92	0.85		4P	94	520	15.28	1.35	WSAF77	
26	1250	53.87	0.90			104	470	13.76	1.50		
29	1150	49.38	0.95			118	410	12.07	1.75		
33	1020	43.33	1.10			134	365	10.65	2.0		
35	960	41.07	1.15			151	325	9.44	2.2		
40	850	35.94	1.30			177	275	8.06	2.5		
44	765	32.38	1.40			130	370	11.03	0.90	WS67	
50	675	28.41	1.55	WS77		143	340	10.03	1.00	WSF67	
57	600	25.07	1.70	WSF77		165	295	8.69	1.15	WSA67	
62	565	22.89	1.25	WSA77		189	255	7.56	1.15	WSAF67	
68	520	20.99	1.35	WSAF77		7.5KW					
77	455	18.42	1.55			14	4160	105.71	0.85		
81	435	17.45	1.65			16	3560	89.60	0.90		
93	380	15.28	1.85			18	3130	78.26	1.00		
103	345	13.76	2.1			20	3200	71.43	1.05		
118	300	12.07	2.4			22	2630	65.45	1.10	WS97	
133	265	10.65	2.7		24	2730	60.59	1.20	WSF97		
150	235	9.44	3.1		26	2520	55.79	1.30	WSA97		
176	205	8.06	3.3		29	2260	49.87	1.45	WSAF97		
82	420	17.28	0.80		32	2040	44.89	1.60			
91	380	15.60	0.90	WS67	35	1850	40.65	1.80			
103	335	13.73	1.00	WSF67	40	1650	36.05	2.0			
110	320	12.96	1.05	WSA67	44	1490	32.60	2.2			
129	270	11.03	1.25	WSAF67	54	1240	26.39	2.1			
142	245	10.03	1.35		61	1110	23.59	2.3			
163	215	8.69	1.55		67	1000	21.23	2.6			
188	188	7.56	1.55		74	910	19.23	2.9			
5.5KW											
8.8	4550	161.74	0.85								
9.8	4130	145.60	0.90		32	1970	44.03	0.80			
11	3760	131.85	0.95		37	1750	39.10	0.90			
12	3360	116.92	1.05		41	1570	34.96	1.00			
14	3050	105.71	1.15		45	1420	31.43	1.15			
16	2610	89.60	1.25	WS97	52	1230	27.28	1.30			
18	2290	78.26	1.35	WSF97	56	1180	25.50	1.05	WS87		
20	2350	71.43	1.40	WSA97	67	1000	21.43	1.25	WSF87		
22	1930	65.45	1.50	WSAF97	73	920	19.70	1.35	WSA87		
24	2000	60.59	1.65		82	82	17.49	1.50	WSAF87		
26	1850	55.79	1.80		91	730	15.64	1.70			
29	1660	49.87	2.0		102	660	14.06	1.90			
32	1500	44.89	2.2		117	676	12.21	2.2			
35	1360	40.65	2.4		131	616	10.93	2.4			
					158	430	9.07	2.7			
					181	375	7.88	2.7			
19	2200	77.14	0.85		50	1260	28.41	0.85			
22	1850	64.00	0.90		57	1110	25.07	0.90			
25	1850	57.00	0.85		64	990	22.22	1.00			
30	1560	47.91	1.00	WS87	78	850	18.42	0.85	WS77		
32	1440	44.03	1.10	WSF87	82	810	17.45	0.90	WSF77		
37	1280	39.10	1.25	WSA87	94	705	15.28	1.00	WSA77		
41	1150	34.96	1.40	WSAF87	104	640	13.76	1.10	WSAF77		
45	1040	31.43	1.55		118	650	12.07	1.30			
52	910	27.28	1.75		134	495	10.65	1.45			
56	870	25.50	1.45		151	440	9.44	1.65			
67	730	21.43	1.70		177	380	8.06	1.80			
73	675	19.70	1.85								
82	600	17.49	2.1								
91	535	15.64	2.3								
102	485	14.06	2.6								
117	420	12.21	3.0								
131	375	10.93	3.3								

输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole	输出转速 Output speed (r/min)	输出转矩 Output torque (N.M)	传动比 Ratio (i)	使用系数 Service factor (f _B)	机型号 Type	电机级数 Motor pole	
11.0KW						22KW						
26	3670	55.79	0.90			53	3630	27.63	0.85			
29	3290	49.87	1.00			61	3180	24.13	0.90			
32	2970	44.89	1.10			69	2870	21.23	0.90			
35	2700	40.65	1.20			76	2600	19.23	1.00	WS97	4P	
40	2400	36.05	1.40			86	2310	17.05	1.10	WSF97		
44	2170	32.60	1.45	WS97	4P	95	2090	15.42	1.20	WSA97		
55	1810	26.39	1.45	WSF97		112	1780	13.07	1.30	WSAF97		
61	1620	23.59	1.60	WSA97		128	1560	11.41	1.40			
68	1460	21.23	1.80	WSAF97		153	1300	9.55	1.55			
75	1320	19.23	1.95				177	1130	8.26	1.55		
84	1180	17.05	2.2									
93	1070	15.42	2.3									
110	900	13.07	2.6									
126	790	11.41	2.8									
15.0KW						18.5KW						
53	1800	27.28	0.90			41	3970	36.05	0.85			
59	1610	24.43	1.00			45	3590	32.60	0.90			
71	1340	20.27	1.20			53	3060	27.63	1.00			
73	1340	19.70	0.95	WS87	4P	61	2680	24.13	1.05			
82	1190	17.49	1.05	WSF87		69	2420	21.23	1.10	WS97		
92	1070	15.64	1.15	WSA87		76	2190	19.23	1.20	WSF97		
102	960	14.06	1.30	WSAF87		86	1950	17.05	1.30	WSA97		
118	840	12.21	1.50				95	1760	15.42	1.40	WSAF97	
132	750	10.93	1.65				112	1500	13.07	1.55		
159	625	9.07	1.85				128	1310	11.41	1.70		
183	545	7.88	1.85				153	1100	9.55	1.85		
							177	950	8.26	1.85		
93	1430	15.64	0.85									
104	1290	14.06	0.95	WS87	4P							
120	1120	12.21	1.10	WSF87								
134	1010	10.93	1.25	WSA87								
161	840	9.07	1.35	WSAF87								
185	730	7.88	1.40									

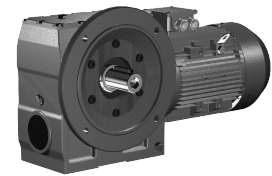
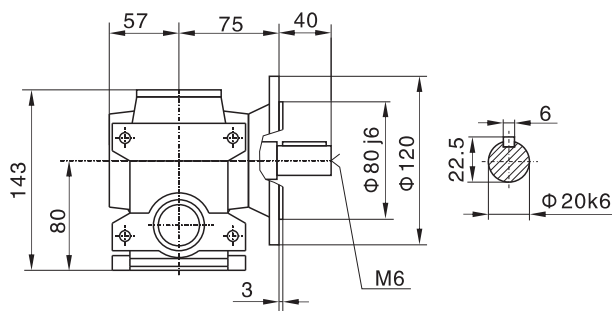
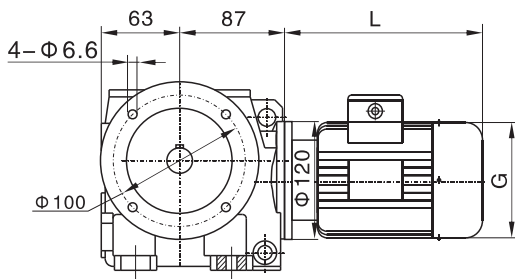
WS37



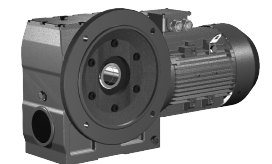
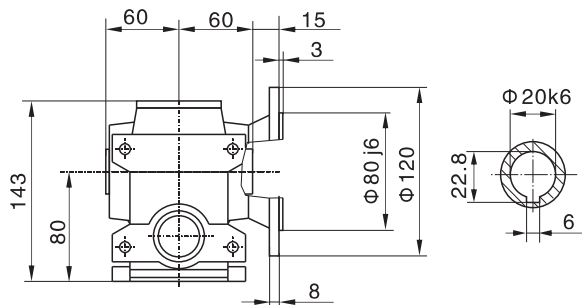
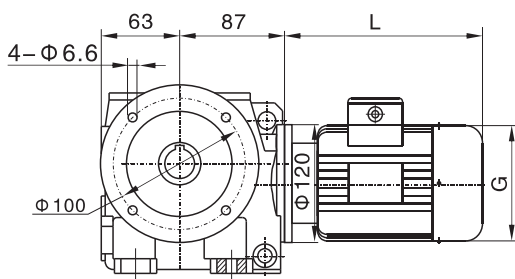
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WSF37(Φ120)

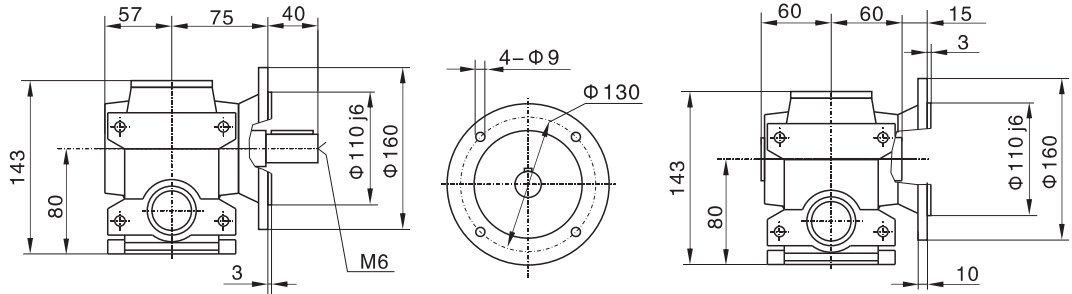
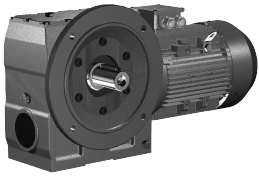


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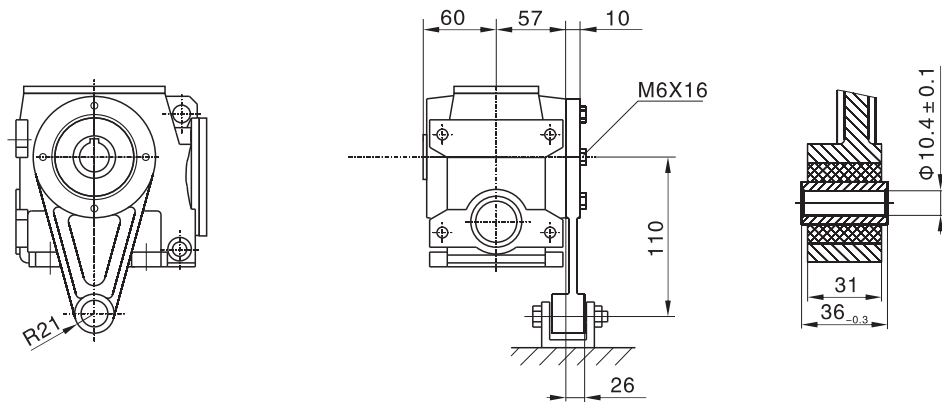
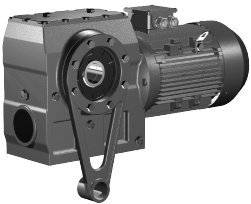


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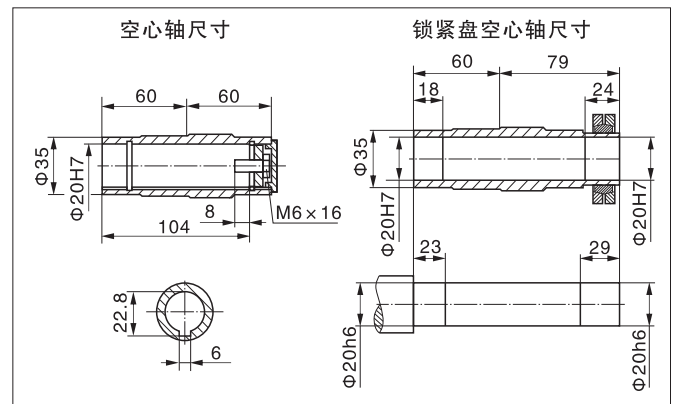
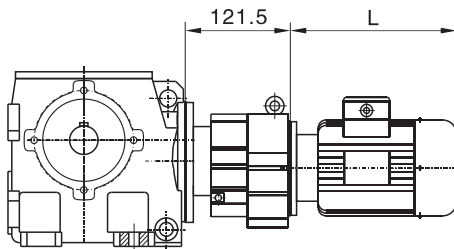
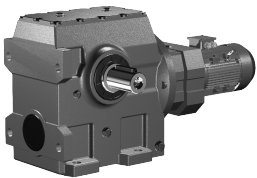
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WSF37(Φ160)



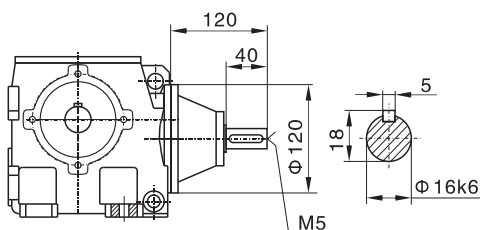
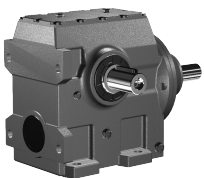
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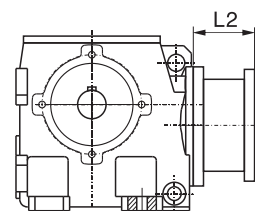
WS..37WR17



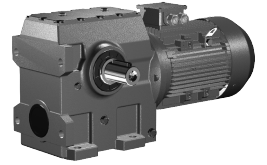
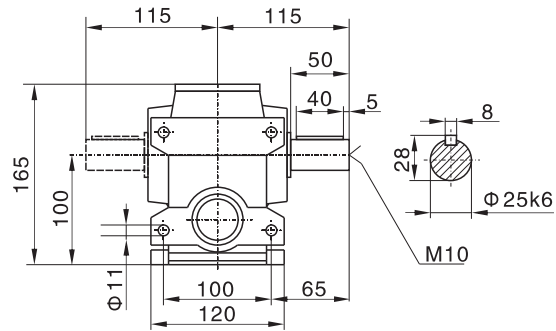
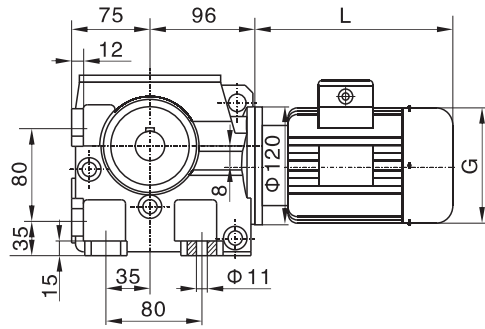
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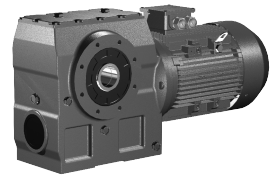
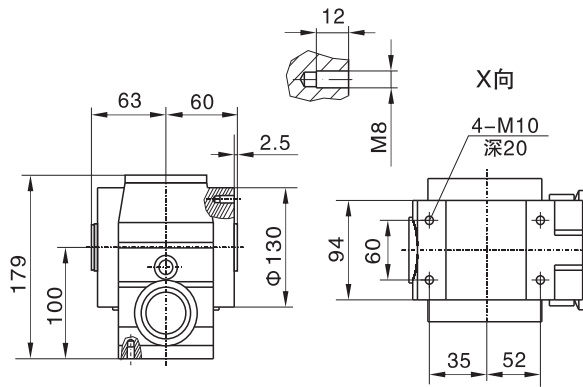
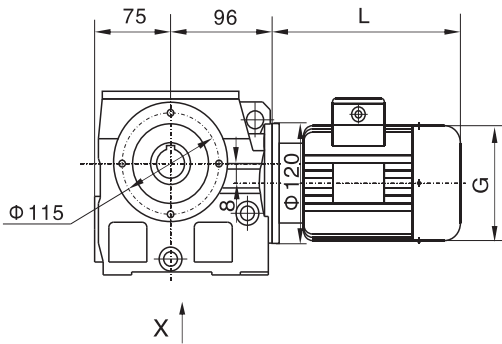
电机需方配或配特殊电机
时需加联接法兰(见第162页)



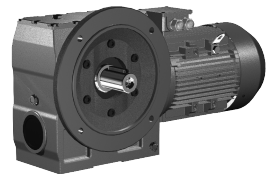
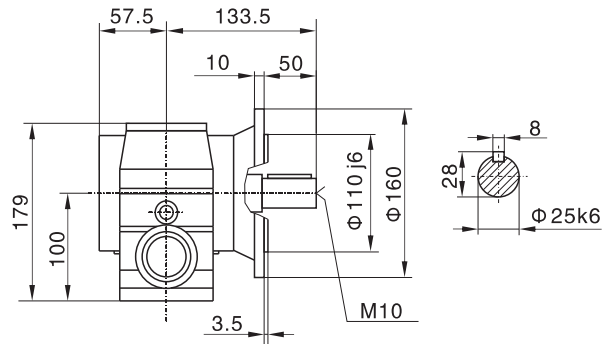
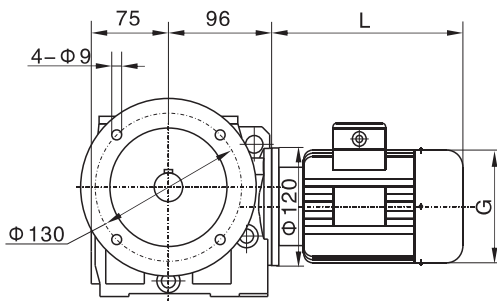
WS47



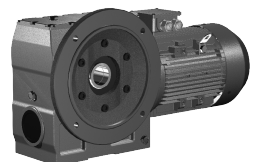
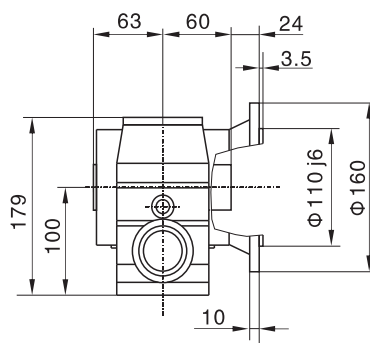
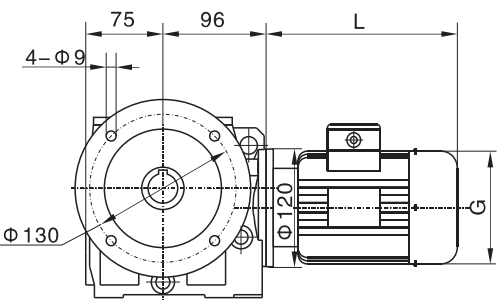
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WSF47

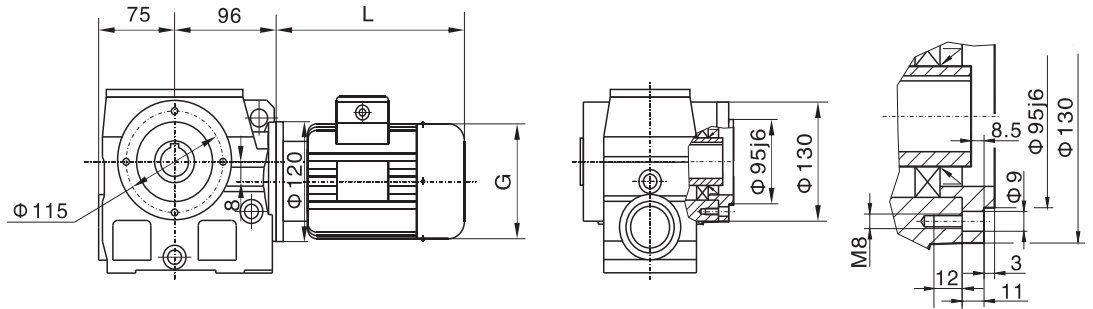
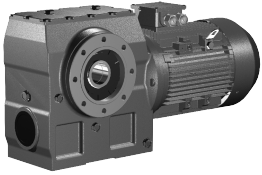


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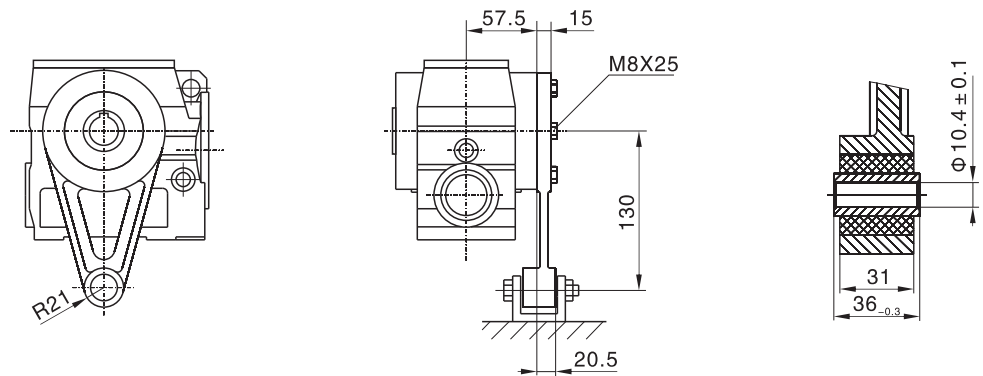
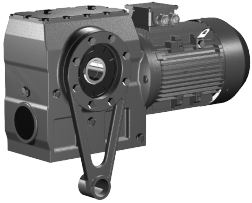


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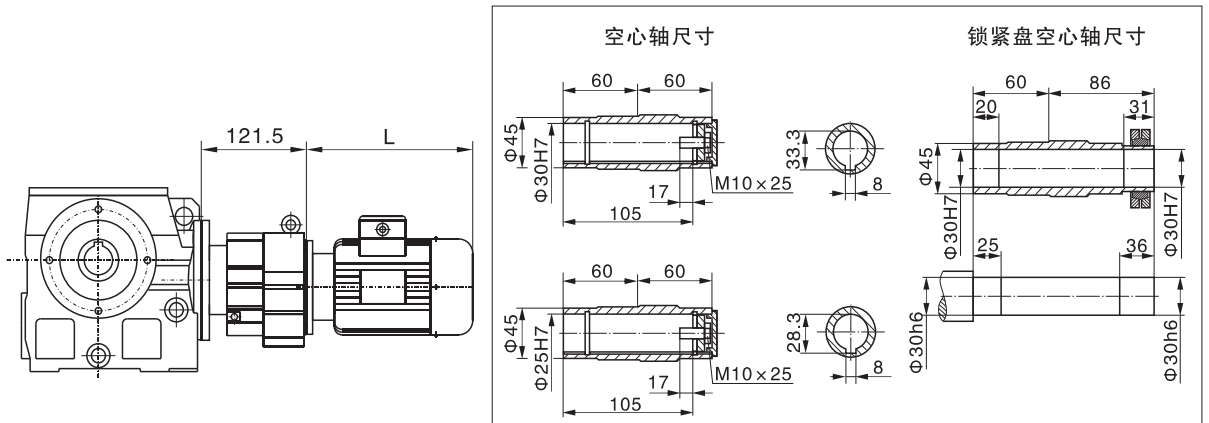
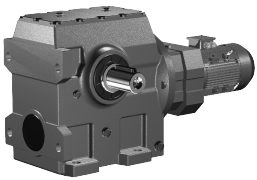
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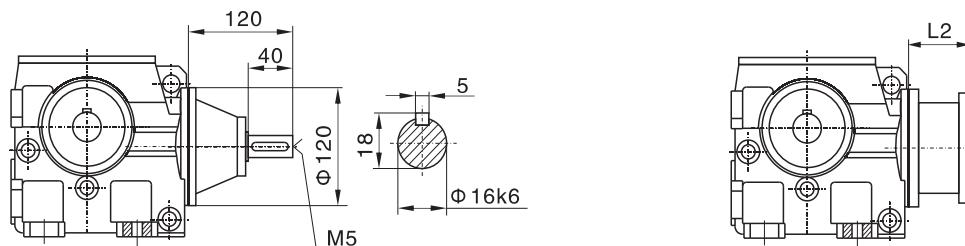
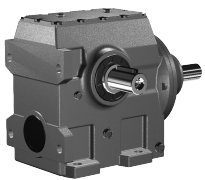
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WS..47WR17

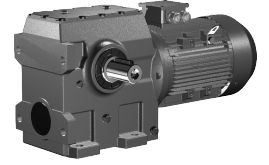
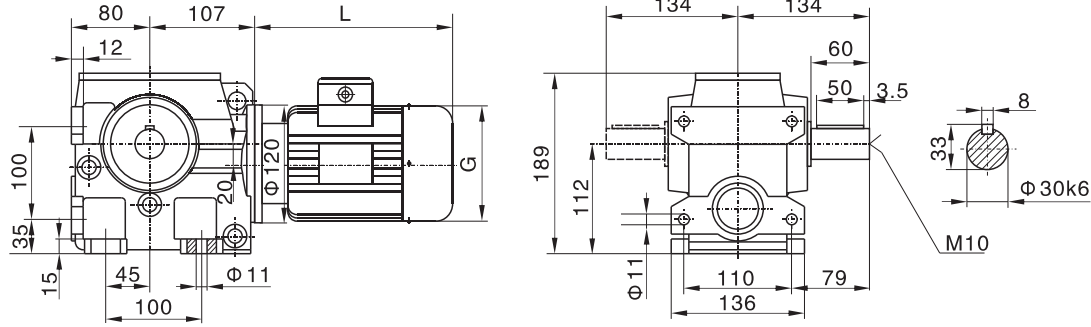


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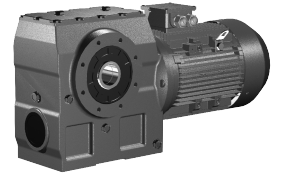
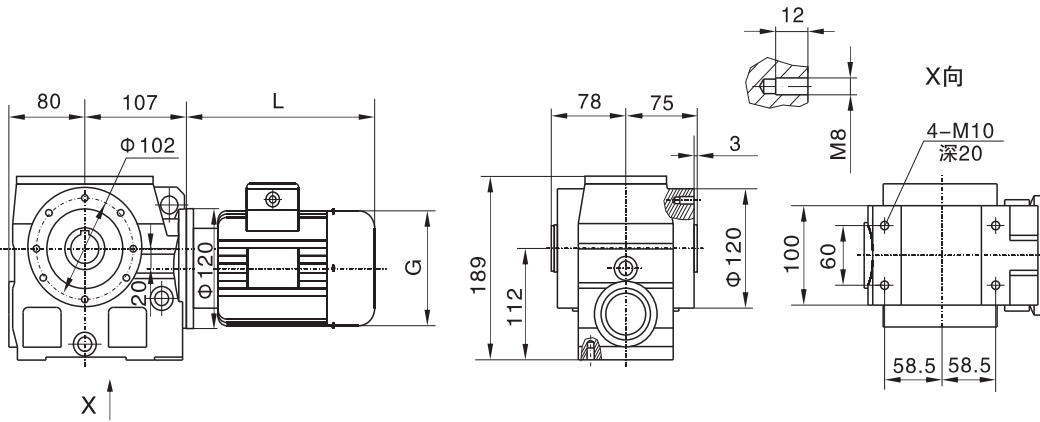


电机需方配或配特殊电机
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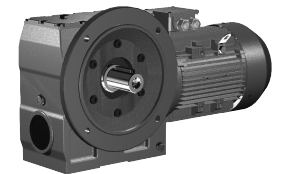
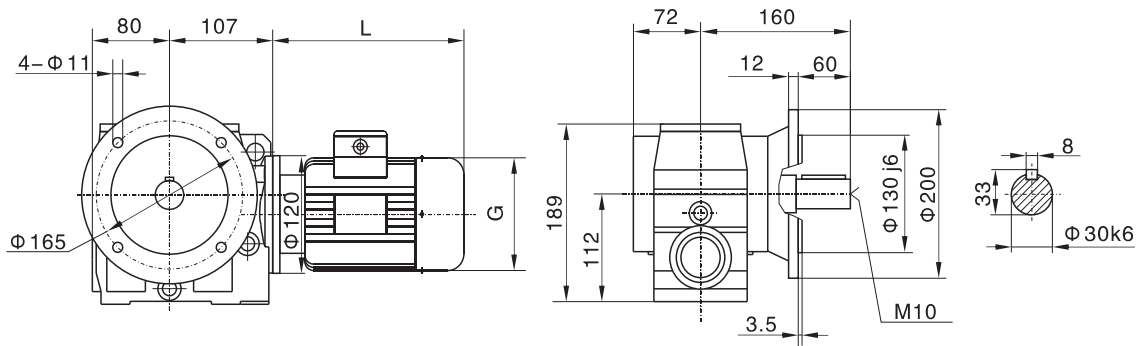
WS57



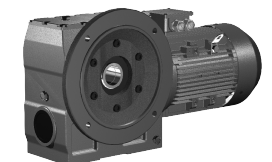
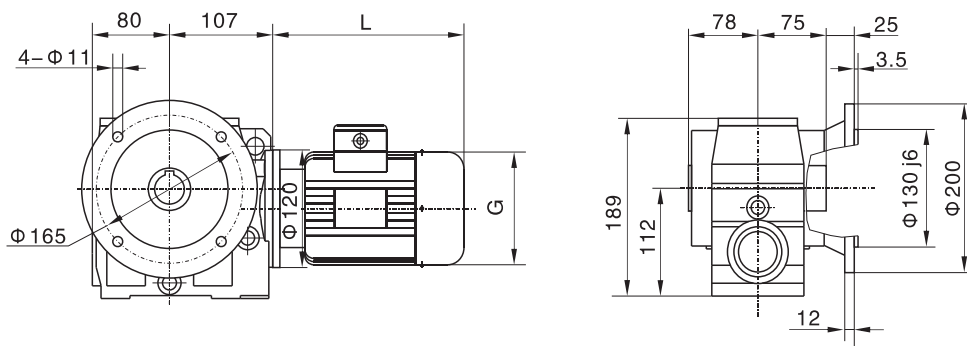
WSA57



WSF57

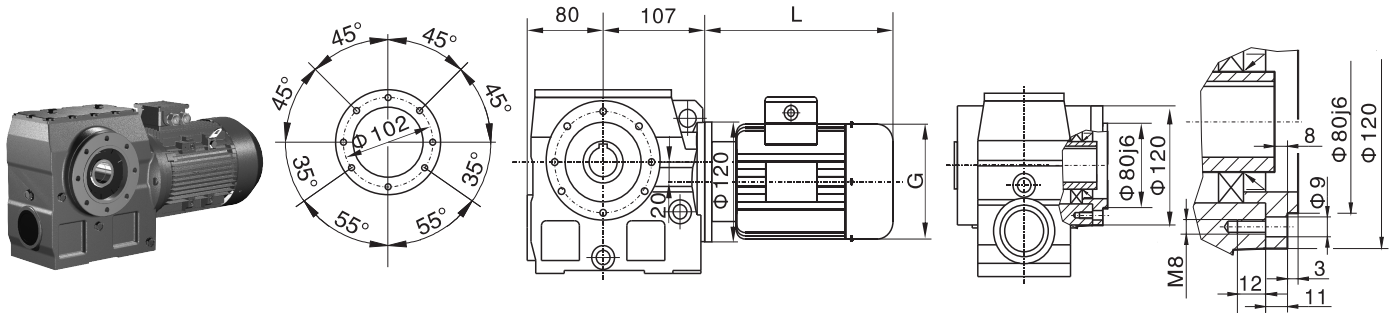


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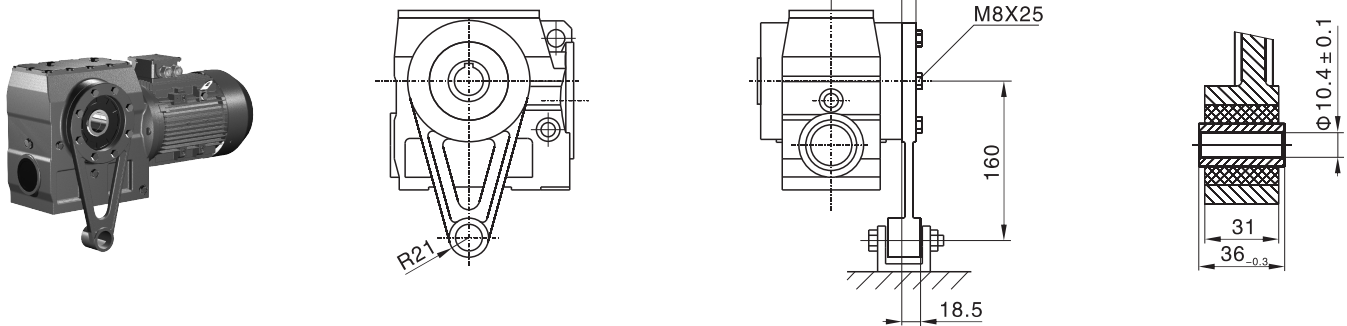


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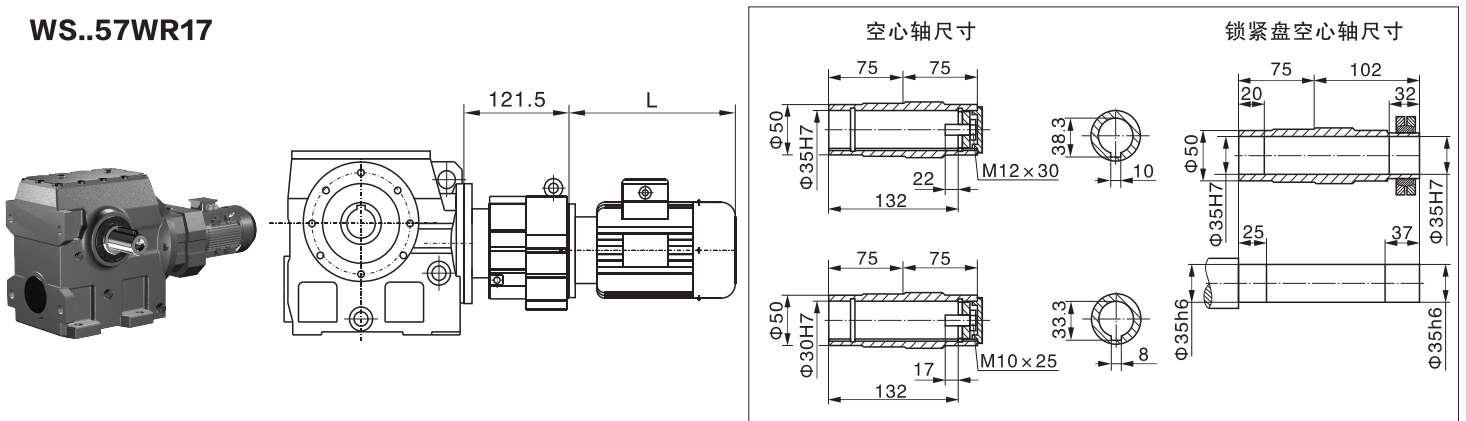
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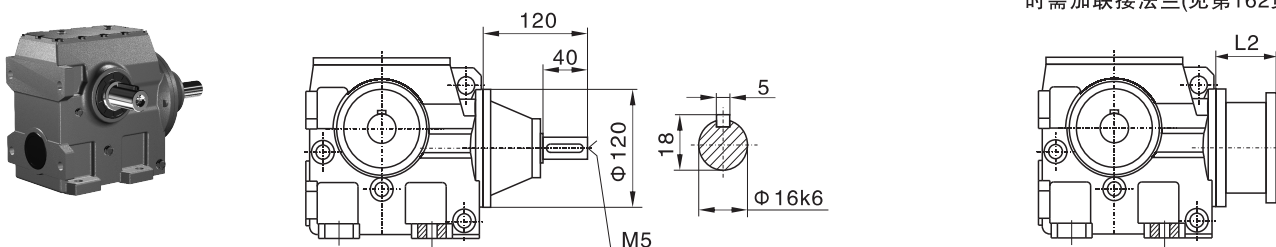
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WS..57WR17

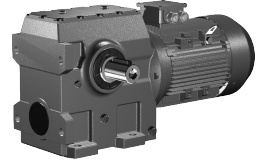
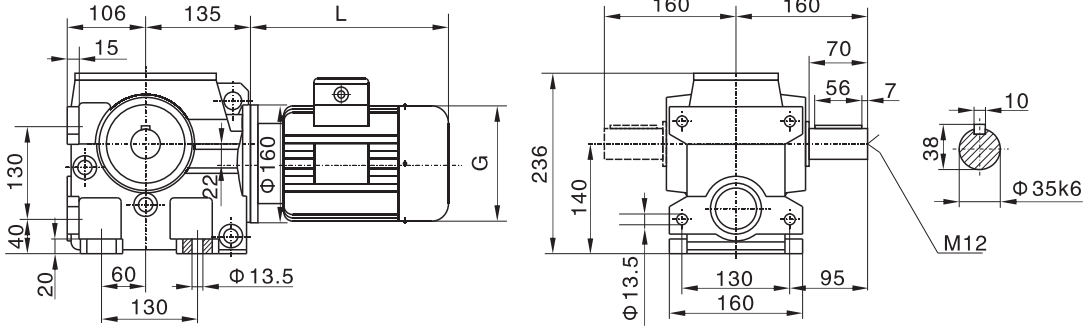


WS..S57

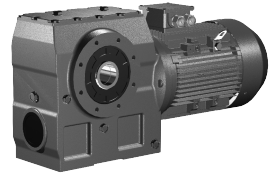
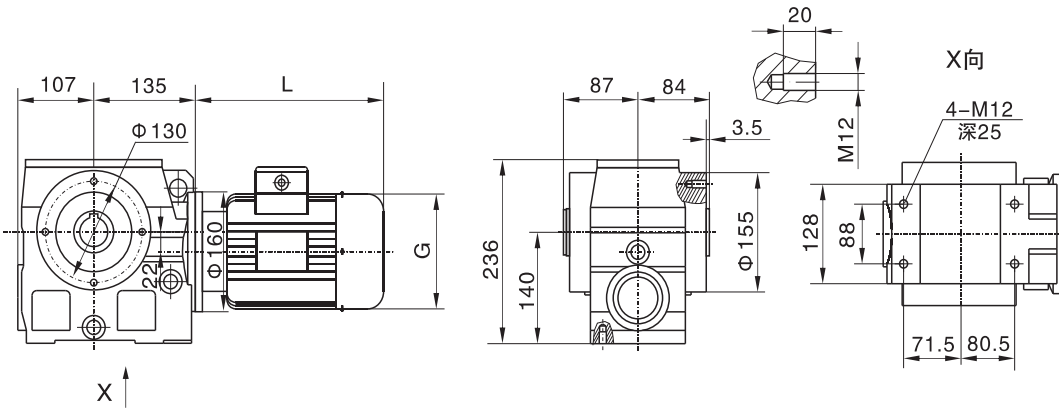


电机需方配或配特殊电机
时需加联接法兰(见第162页)

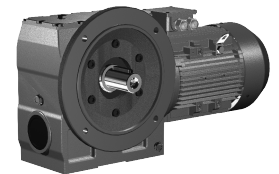
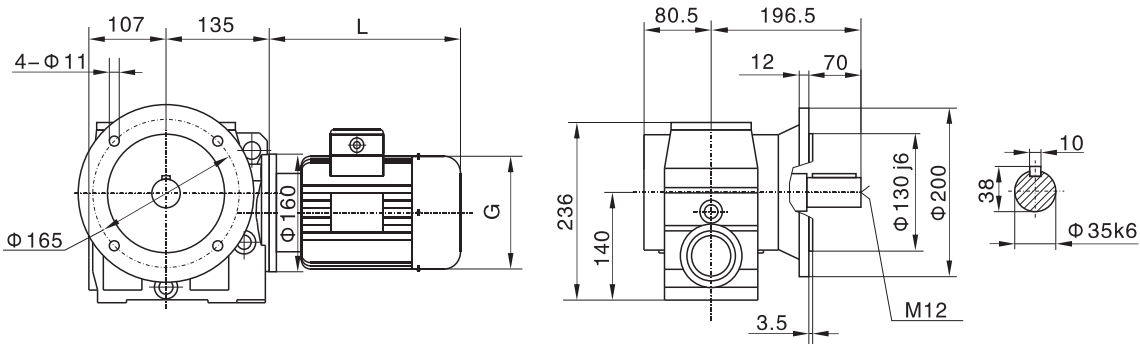
WS67



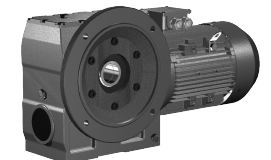
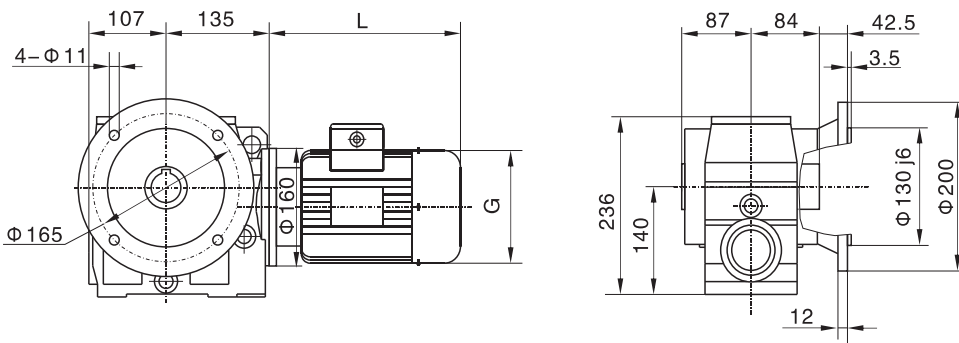
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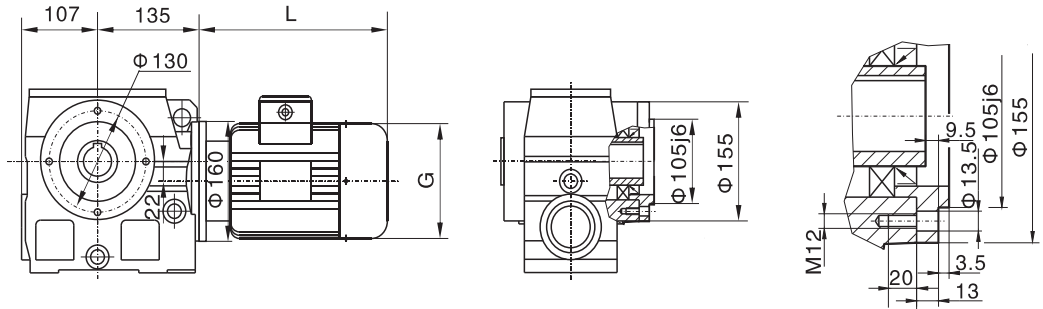
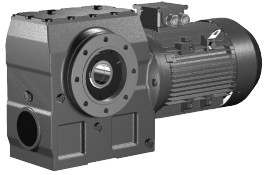
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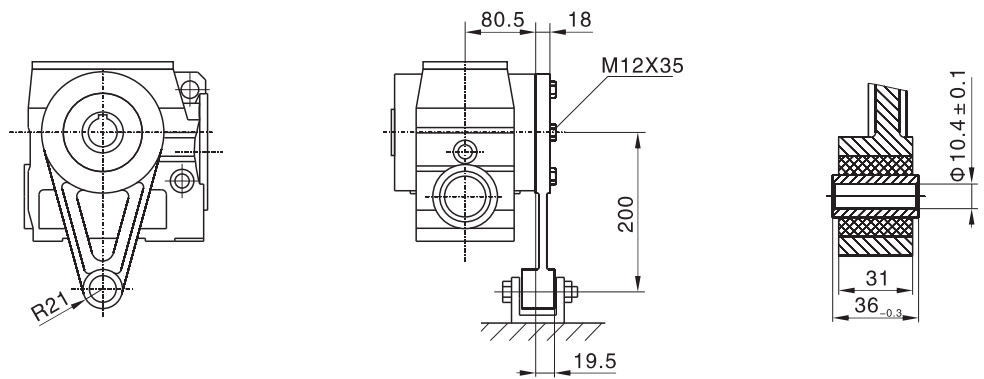
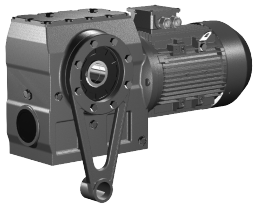
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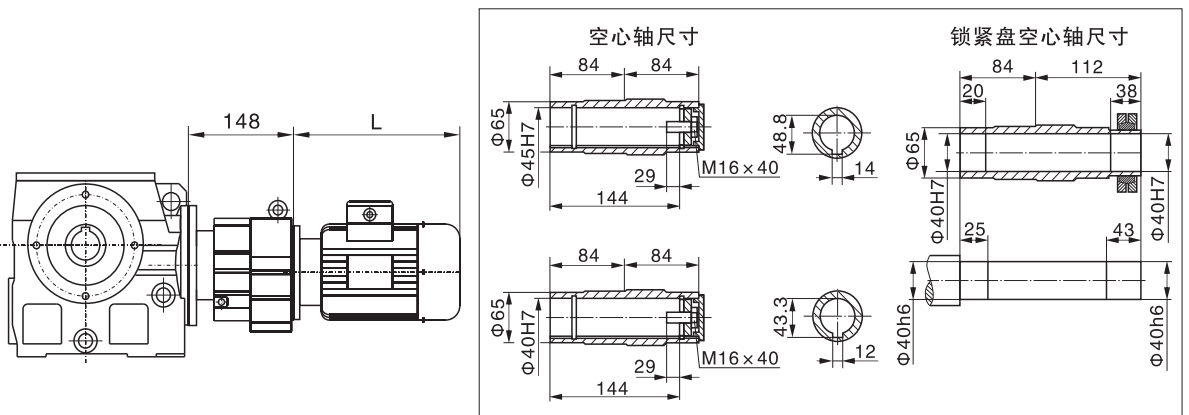
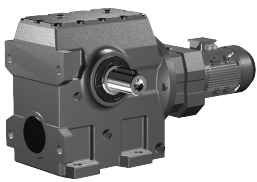
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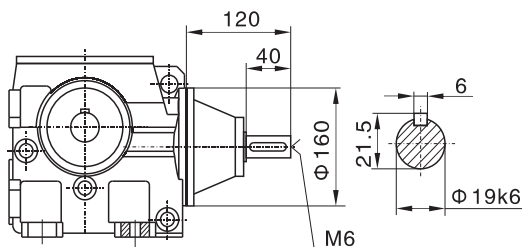
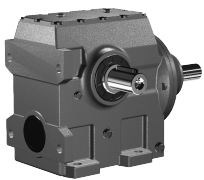
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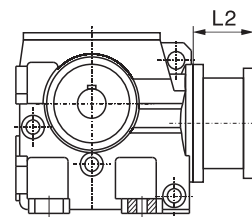
WS..67WR37



WS..S67



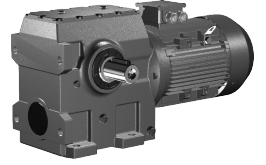
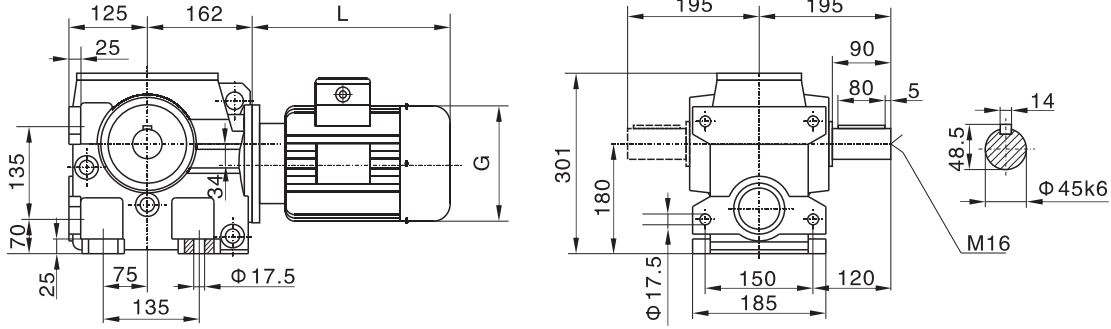
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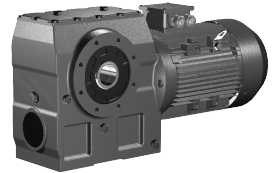
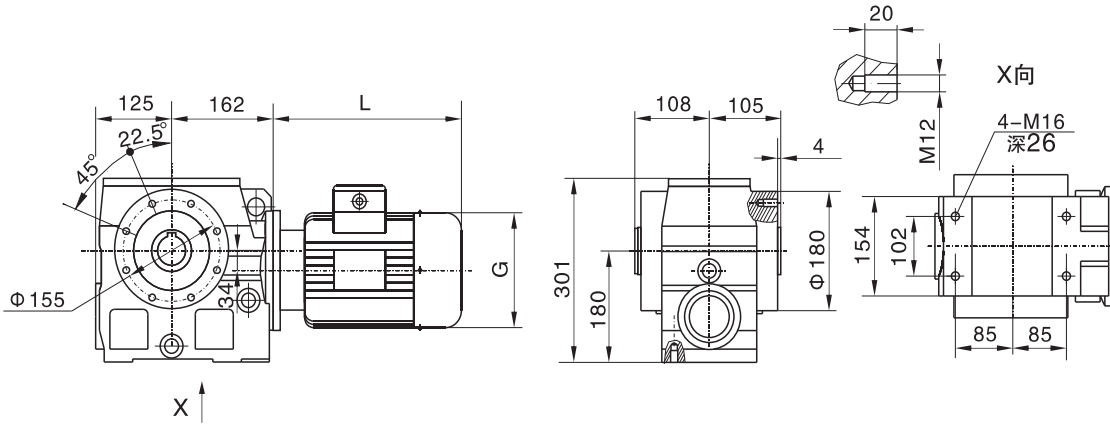
WUMA REDUCER /

午马减速机

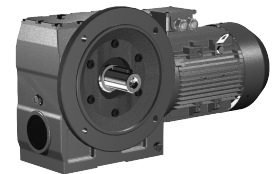
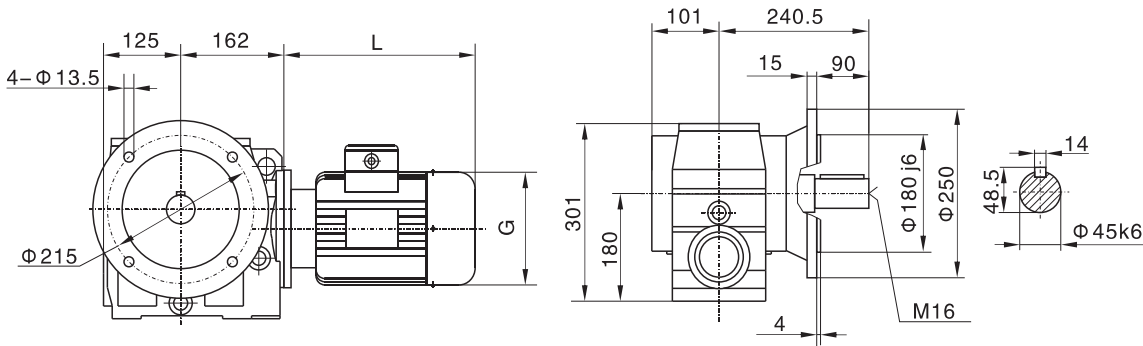
WS77



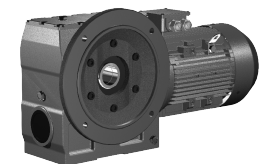
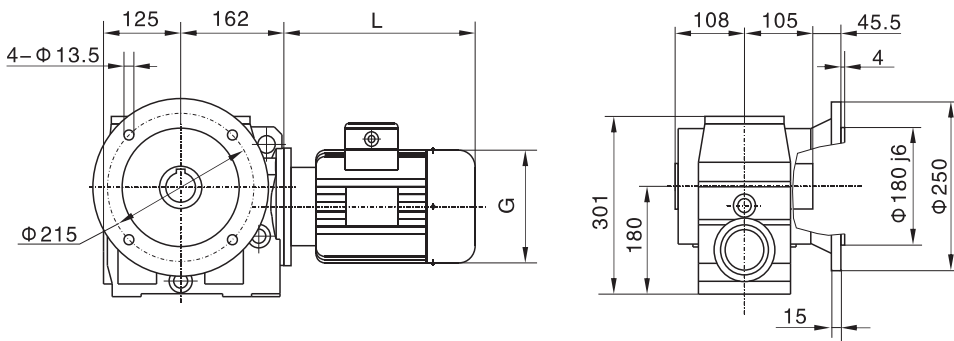
WSA77



WSF77

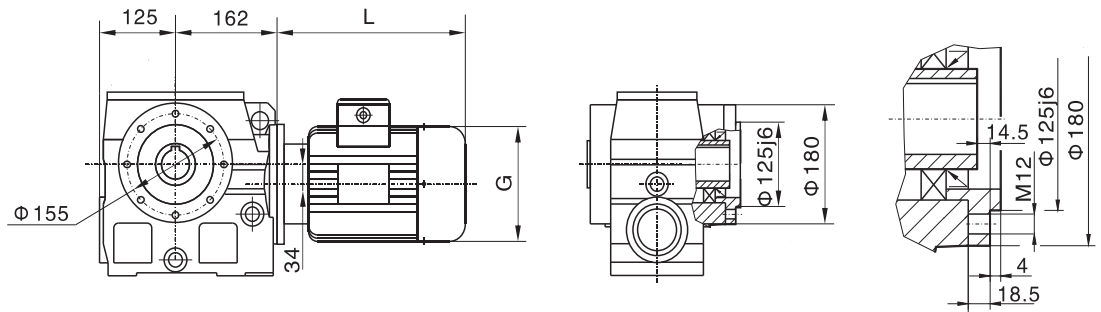
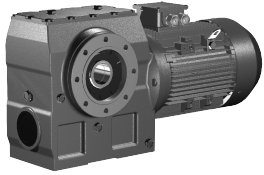


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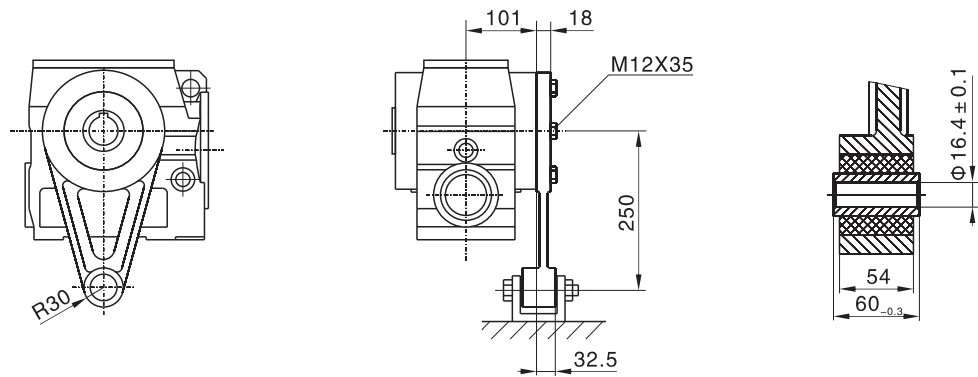
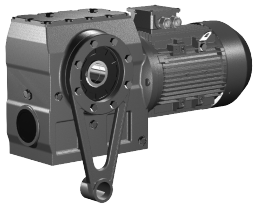


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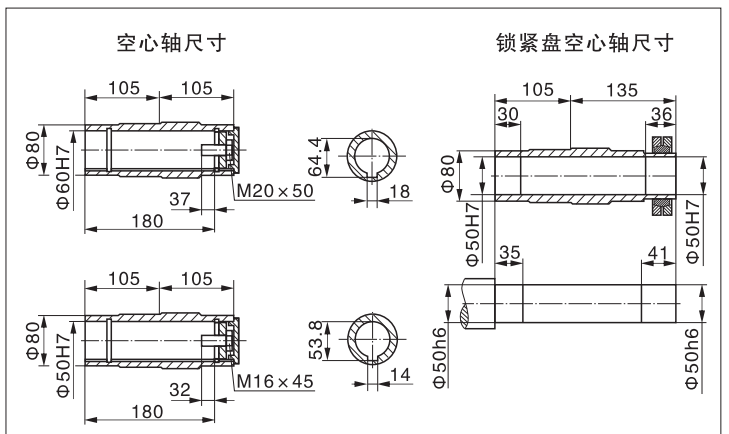
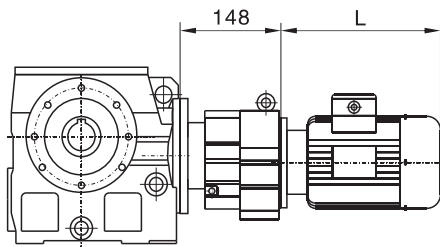
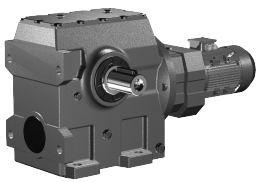
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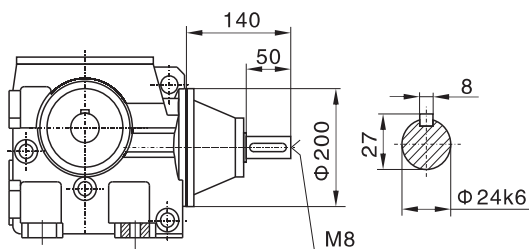
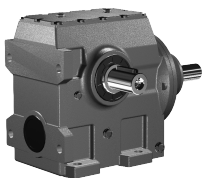
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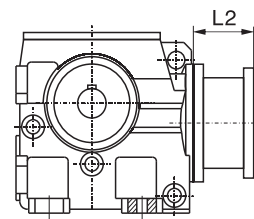
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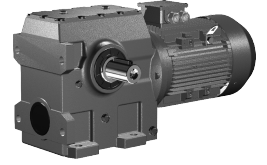
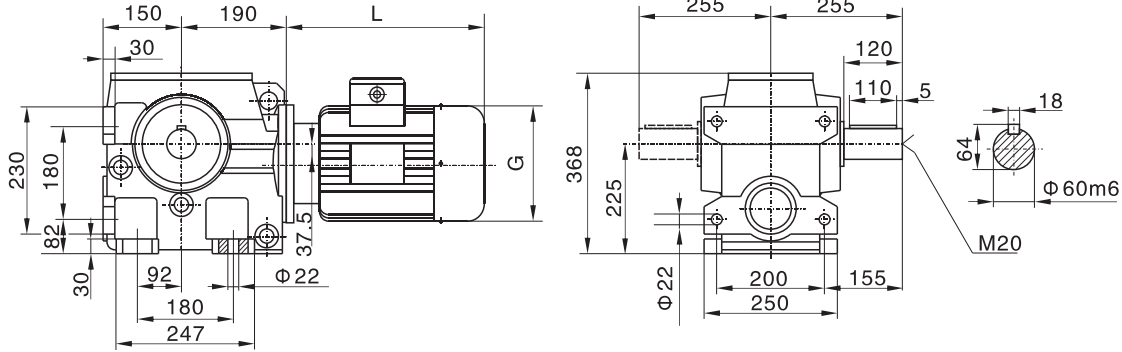
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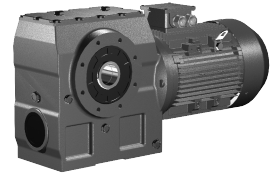
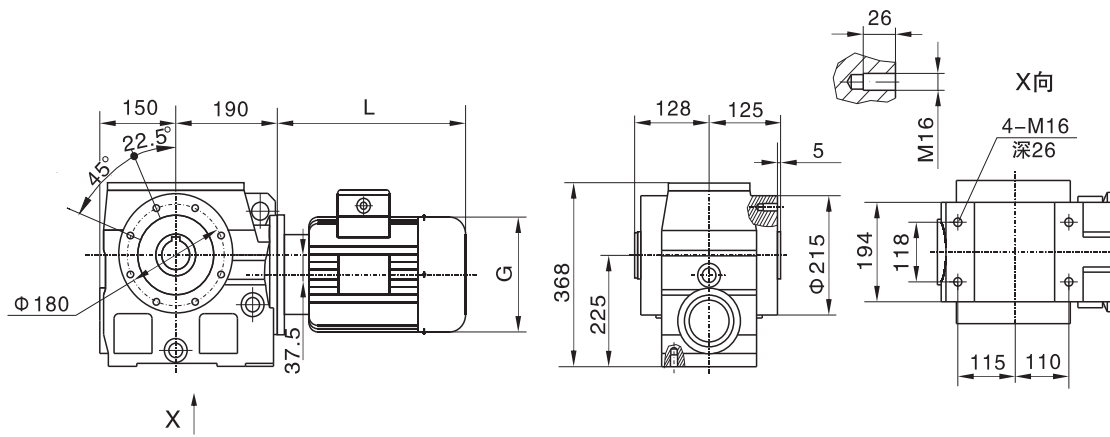
电机需方配或配特殊电机
时需加联接法兰(见第162页)



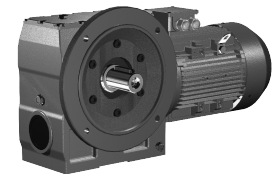
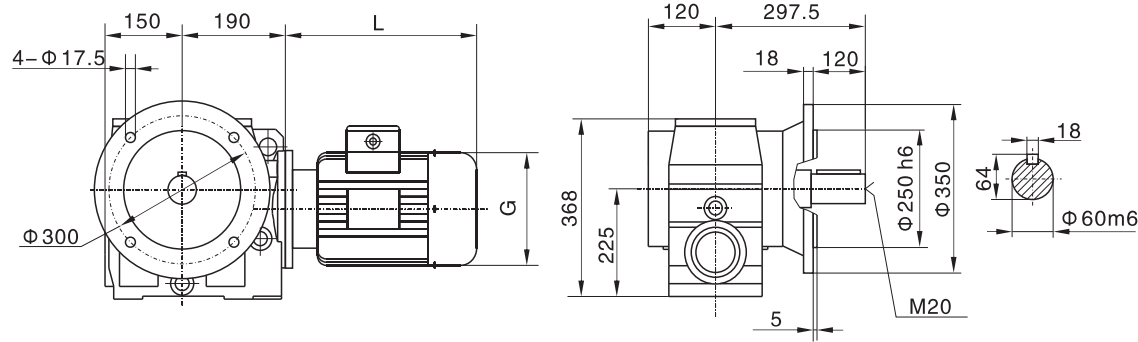
WS87



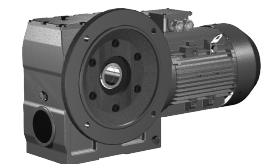
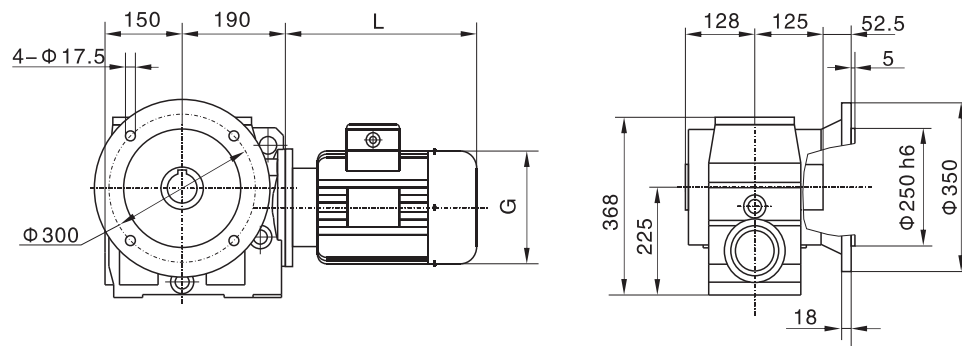
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WSF87

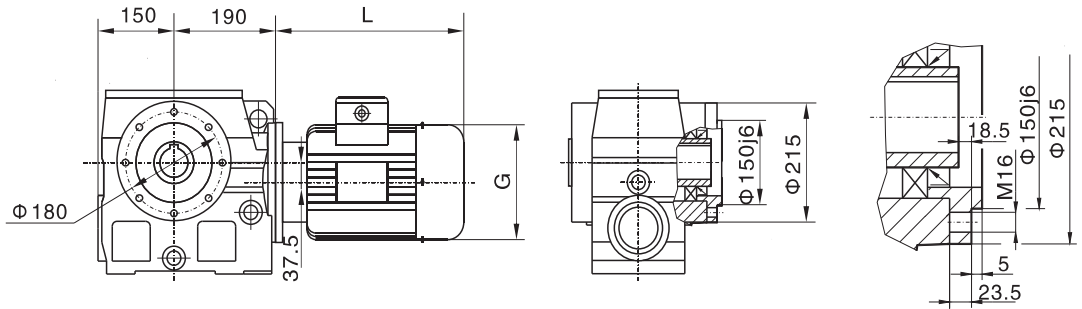
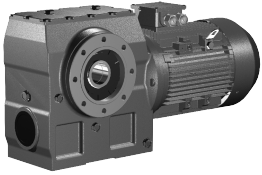


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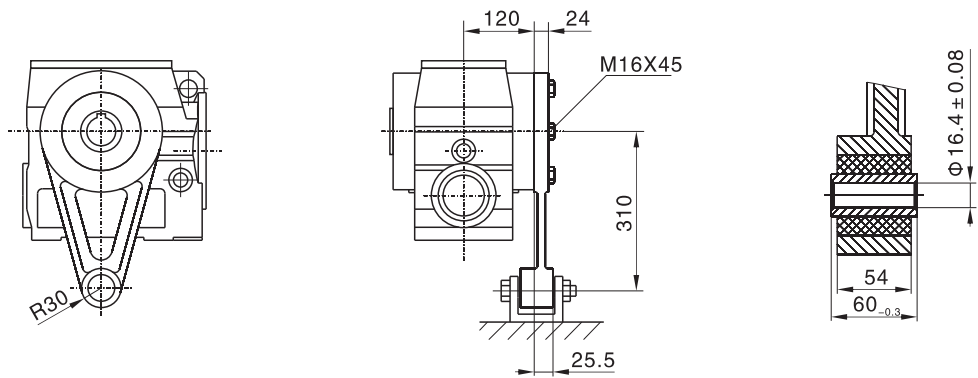
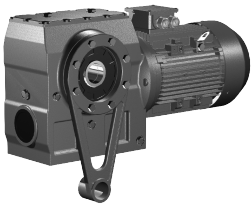


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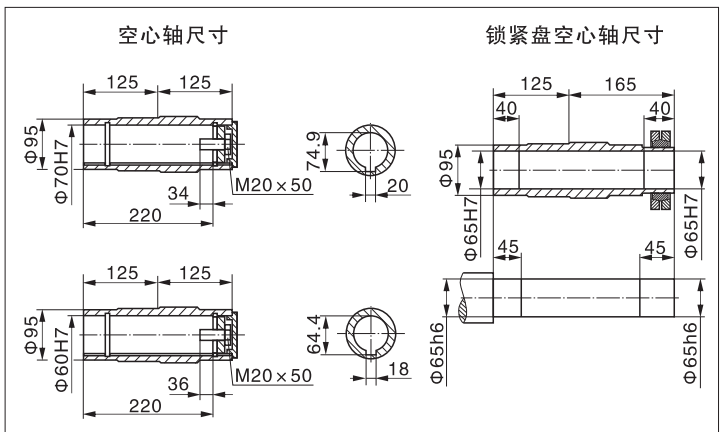
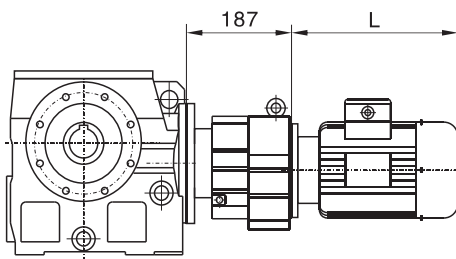
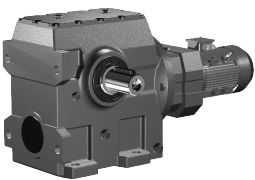
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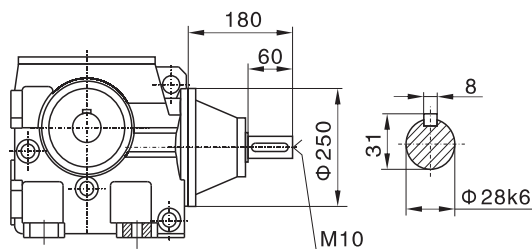
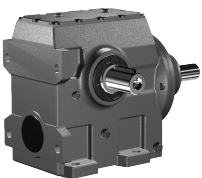
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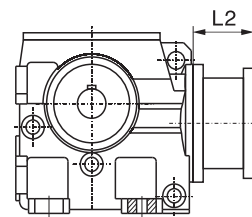
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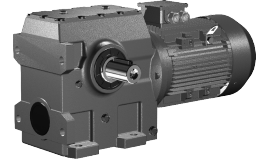
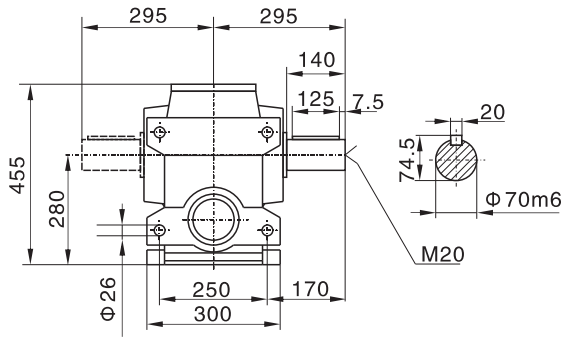
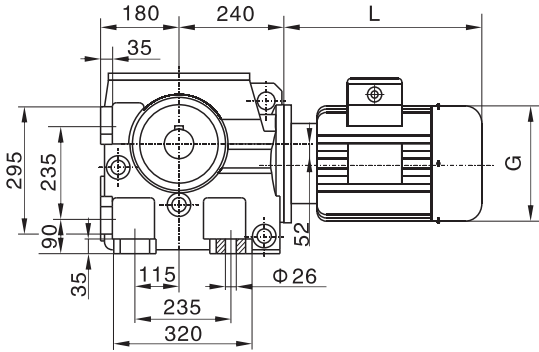
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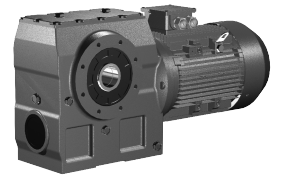
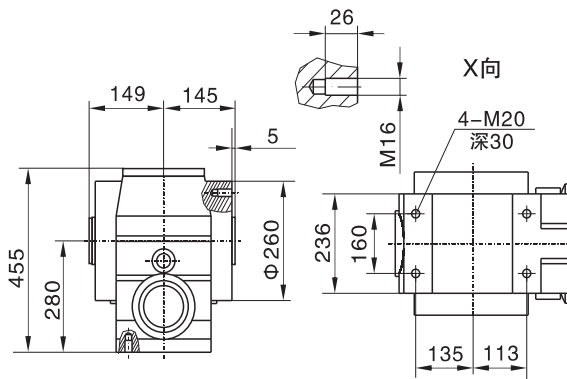
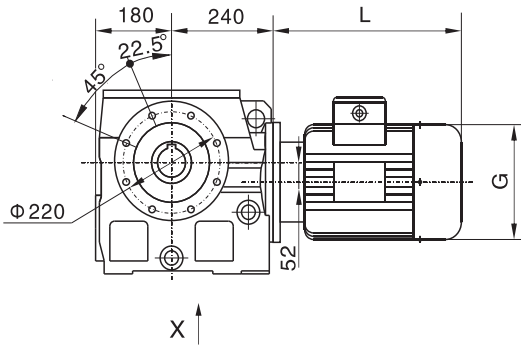
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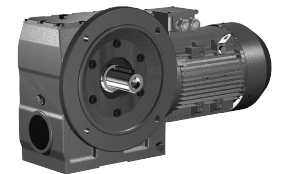
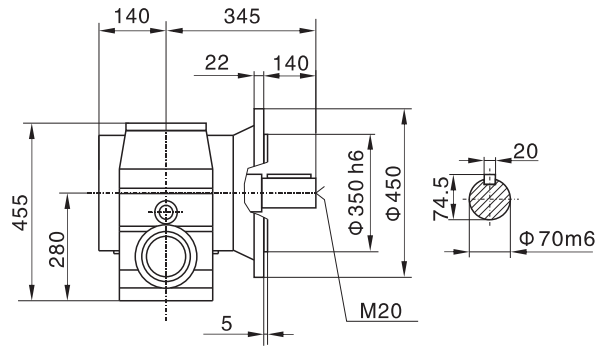
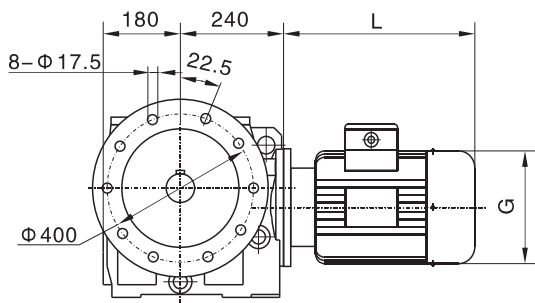
WS97



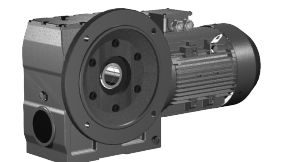
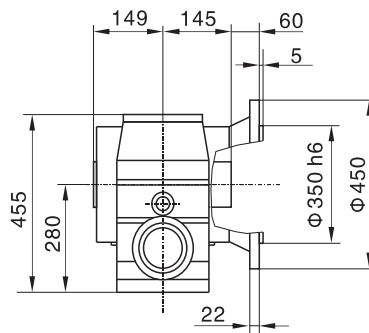
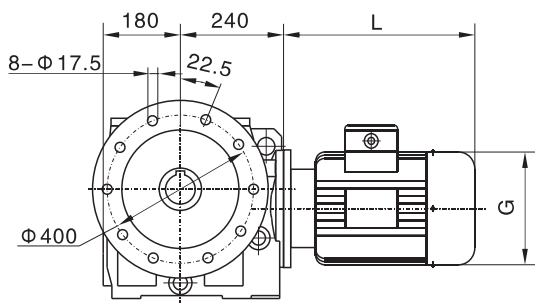
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WSF97

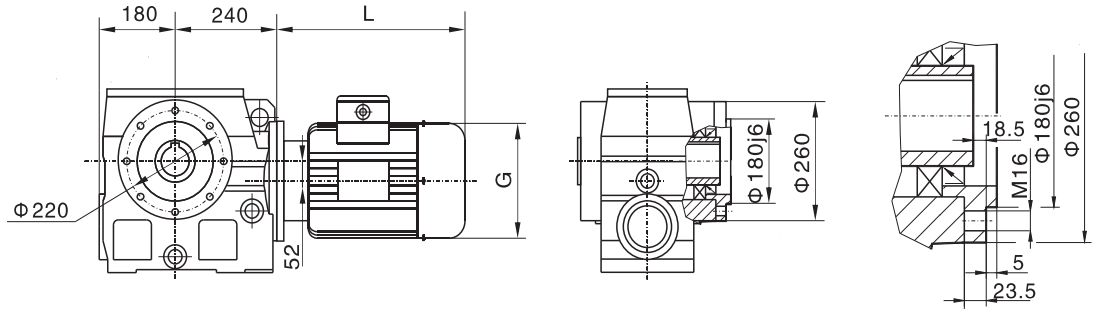
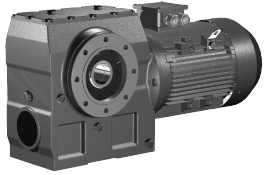


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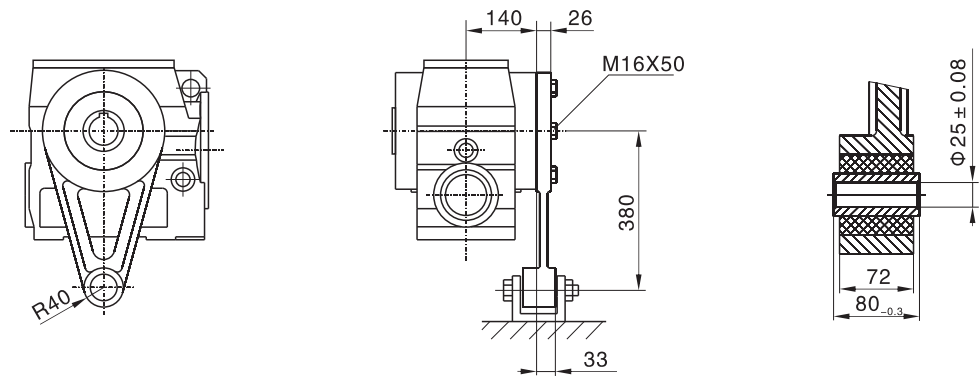
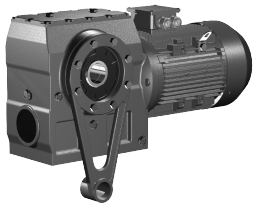


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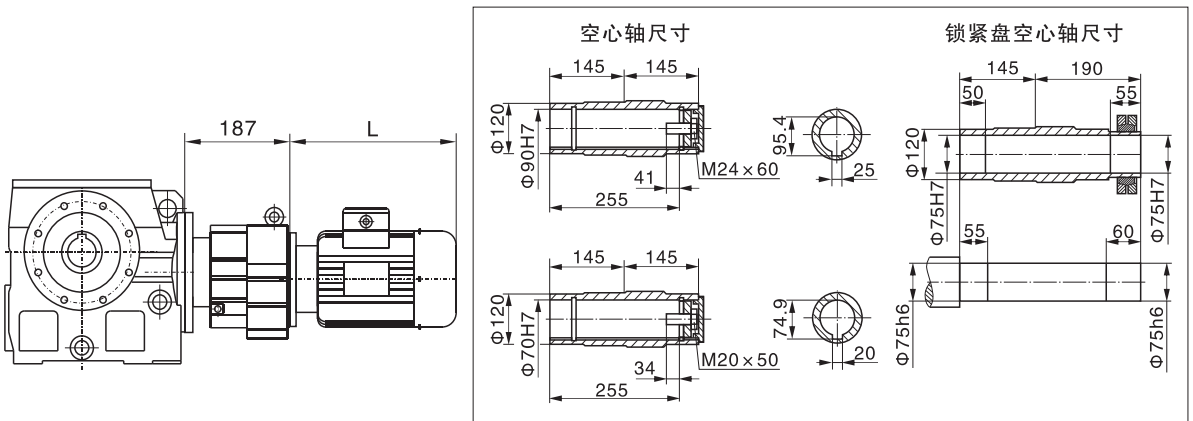
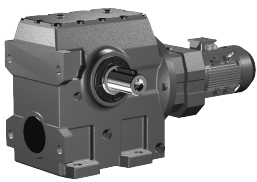
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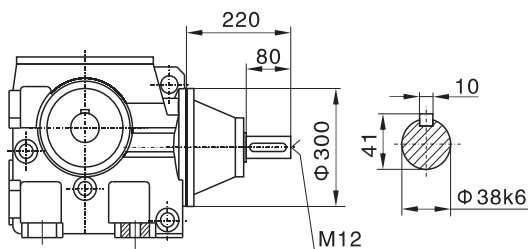
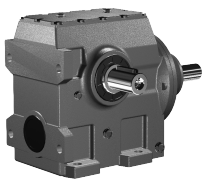
WSAT97



WS..97WR57



WS..S97



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