

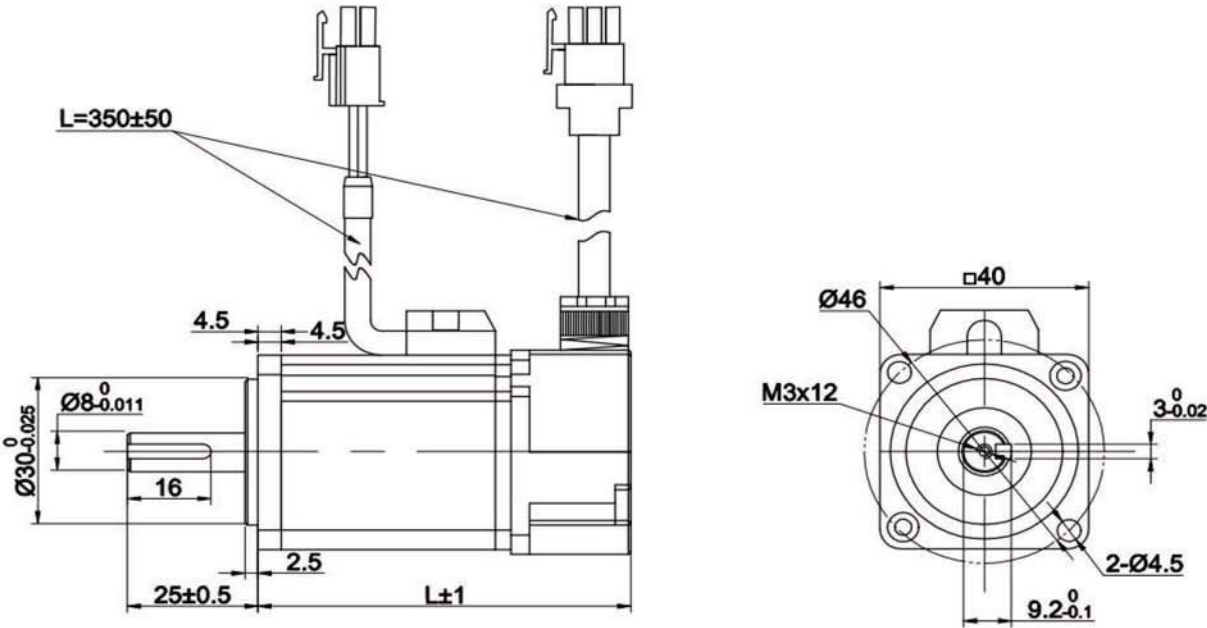
40SA Series



Performance Data

Model 型号	Units	40S00230B3系列	40S00330B3系列	40S00230B5系列	40S00330B5系列
Poles 极对数	/	5	5	5	5
Rated Voltage 额定电压	VAC/VDC	220VAC		48VDC	
Rated Power 额定功率	W	50	100	50	100
Rated Torque 额定力矩	N.m	0.16	0.32	0.16	0.32
Rated Speed 额定转速	rpm	3000	3000	3000	3000
Maximum Torque 最大力矩	N.m	0.48	0.96	0.48	0.96
Maximum Speed 最大转速	rpm	6000	6000	4500	4500
Rated Current 额定电流	A	0.6	0.8	1.4	2.8
Maximum Current 最大电流	A	1.8	2.4	4.2	8.4
Torque Coefficient 扭矩常数	N.m/A	0.29	0.42	0.12	0.12
Rotor Inertia 转子惯量	Kg*cm ²	0.05	0.08	0.05	0.08
Back E.M.F 反电势常数	V/Krpm	17.5	22.5	7.4	7.4
Insulation Class 热绝缘等级	Class	F		F	
Safety Class 防护等级	/	IP65(出轴端除外)		IP65 (出轴端除外)	
Encoder Type 编码器类型	/	增量式或绝对值编码器		增量式或绝对值编码器	
Environment 运行环境	/	-20℃ to 40℃ humidity < 90%		-20℃ to 40℃ humidity < 90%	
Weight 重量	Kg	0.39	0.52	0.39	0.52
Brake Rated Voltage 抱闸额定电压	VDC	24	24	24	24
Without Brake Length 不带抱闸长度	mm	69.5	87.5	69.5	87.5
With Brake Length 带抱闸长度	mm	99	117	99	117

Dimensions in mm



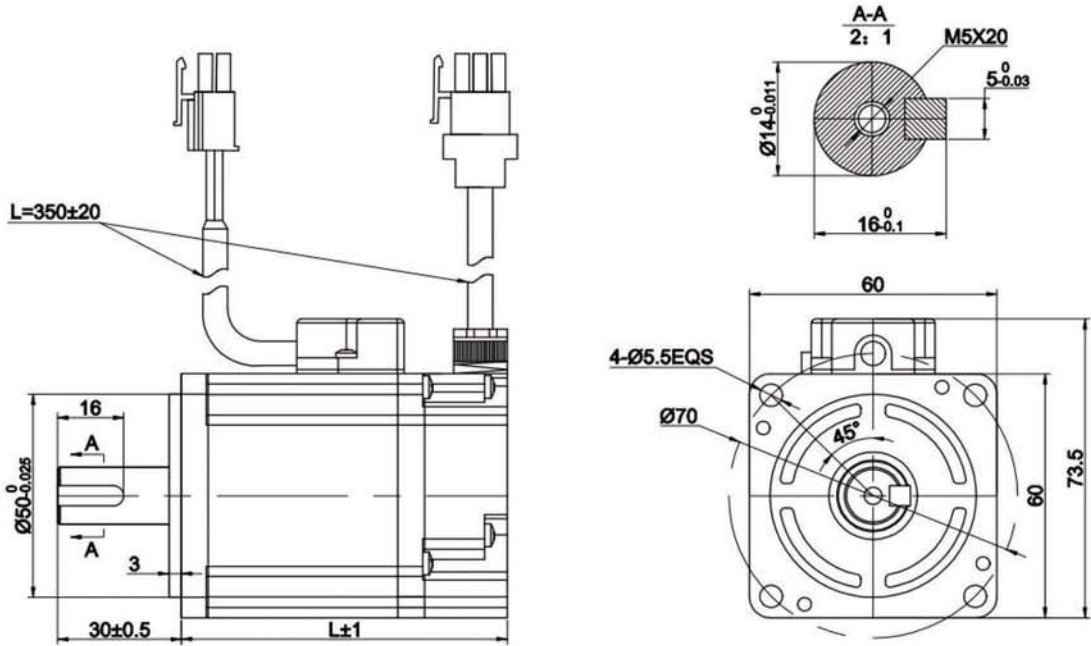
60SB Series



Performance Data

Model	Units	60S00730B3 系列	60S01330B3 系列	60S00730B5 系列	60S01330B5 系列
Poles 极对数	/	5	5	5	5
Rated Voltage 额定电压	VAC/VDC	220VAC		48VDC	
Rated Power 额定功率	W	200	400	200	400
Rated Torque 额定力矩	N.m	0.637	1.27	0.637	1.27
Rated Speed 额定转速	rpm	3000	3000	3000	3000
Maximum Torque 最大力矩	N.m	1.911	3.81	1.911	3.81
Maximum Speed 最大转速	rpm	6000	6000	4500	4500
Rated Current 额定电流	A	1.4	2.7	5.5	11
Maximum Current 最大电流	A	4.2	8.1	16.5	33
Torque Coefficient 力矩常数	N.m/A	0.50	0.51	0.12	0.12
Rotor Inertia 转子惯量	Kg*cm ²	0.15	0.21	0.15	0.21
Back EMF 反电势常数	V/Krpm	30	31	7.4	7.4
Insulation Class 热绝缘等级	Class	F		F	
Safety Class 防护等级	/	IP65(出轴端除外)		IP65 (出轴端除外)	
Encoder Type 编码器类型	/	增量式或绝对值编码器		增量式或绝对值编码器	
Environment 运行环境	/	-20℃ to 40℃ humidity < 90%		-20℃ to 40℃ humidity < 90%	
Weight 重量	Kg	0.8	1.2	0.8	1.2
Brake Rated Voltage 抱闸额定电压	VDC	24	24	24	24
Without Brake Length 不带抱闸长度	mm	79.5	101.5	79.5	101.5
With Brake Length 带抱闸长度	mm	114.5	136.5	114.5	136.5

Dimensions in mm



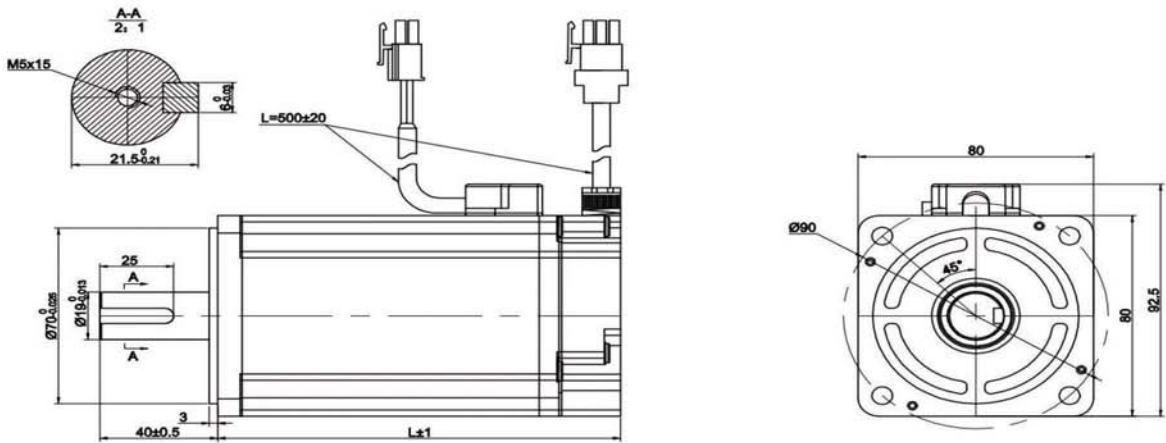
80SB Series



Performance Data

Model	Units	80S02430B3 系列	80S03230B3 系列	80S02430B5 系列	80S03230B5 系列
Poles 极对数	/	5	5	5	5
Rated Voltage 额定电压	VAC	220		48VDC	
Rated Power 额定功率	W	750	1000	750	1000
Rated Torque 额定力矩	N.m	2.39	3.18	2.39	3.18
Rated Speed 额定转速	rpm	3000	3000	3000	3000
Maximum Torque 最大力矩	N.m	7.2	10.4	7.2	10.4
Maximum Speed 最大转速	rpm	6000	6000	4000	4000
Rated Current 额定电流	A	4.5	7	18.5	24.5
Maximum Current 最大电流	A	13.5	21	55.5	73.5
Torque Coefficient 扭矩常数	N.m/A	0.58	0.50	0.14	0.14
Rotor Inertia 转子惯量	Kg*cm ²	0.57	0.75	0.57	0.75
Back E.M.F 反电势常数	V/Krpm	35	30	8.5	8.5
Insulation Class 热绝缘等级	Class	F		F	
Safety Class 防护等级	/	IP65(出轴端除外)		IP65 (出轴端除外)	
Encoder Type 编码器类型	/	增量式或绝对值编码器		增量式或绝对值编码器	
Environment 运行环境	/	-20℃ to 40℃ humidity < 90%		-20℃ to 40℃ humidity < 90%	
Weight 重量	Kg	2.5	3.2	2.5	3.2
Brake Rated Voltage 抱闸额定电压	VDC	24	24	24	24
Without Brake Length 不带抱闸长度	mm	108.3	124.3	108.3	124.3
With Brake Length 带抱闸长度	mm	152.1	168.1	152.1	168.1

Dimensions in mm



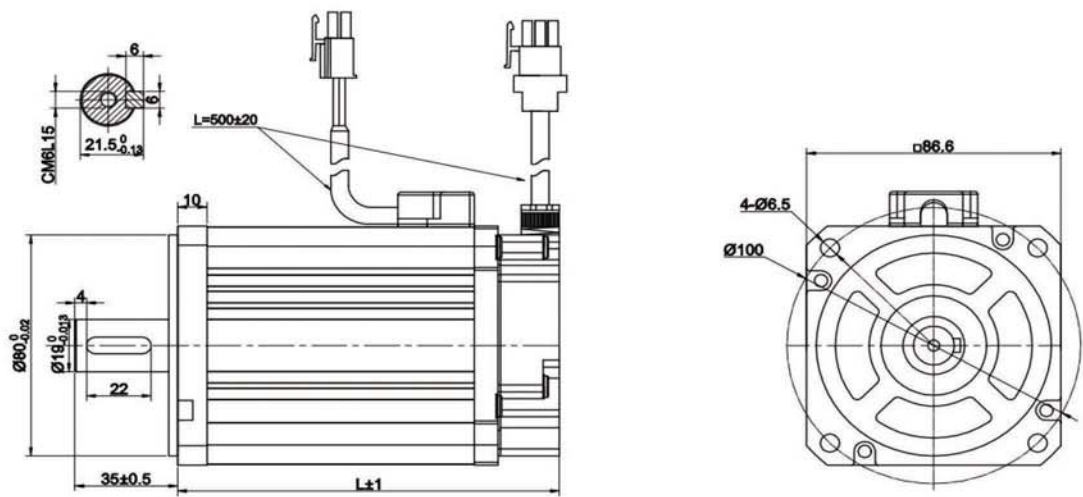
90SM Series



Performance Data

Model	Units	90S02430A3系列		90S02430A3系列
Poles 极对数	/	4		
Rated Voltage 额定电压	VAC	220		
Rated Power 额定功率	W	750		1000
Rated Torque 额定力矩	N.m	2.39		3.82
Rated Speed 额定转速	rpm	3000		2500
Maximum Torque 最大力矩	N.m	7.2		9.55
Maximum Speed 最大转速	rpm	6000		3500
Rated Current 额定电流	A	4.5		4.2
Maximum Current 最大电流	A	13.5		10.5
Torque Coefficient 扭矩常数	N.m/A	0.579		0.9924
Rotor Inertia 转子惯量	Kg*m²	0.00025		0.00032
Back E.M.F 反电势常数	V/Krpm	35		60
Insulation Class 热绝缘等级	Class	F		
Safety Class 防护等级	/	IP54		
Encoder Type 编码器类型	/	增量式或绝对值编码器		
Environment 运行环境	/	-20℃ to 40℃ humidity < 90%		
Weight 重量	Kg	3.1		4.2
Length 长度	mm	130		160

Dimensions in mm



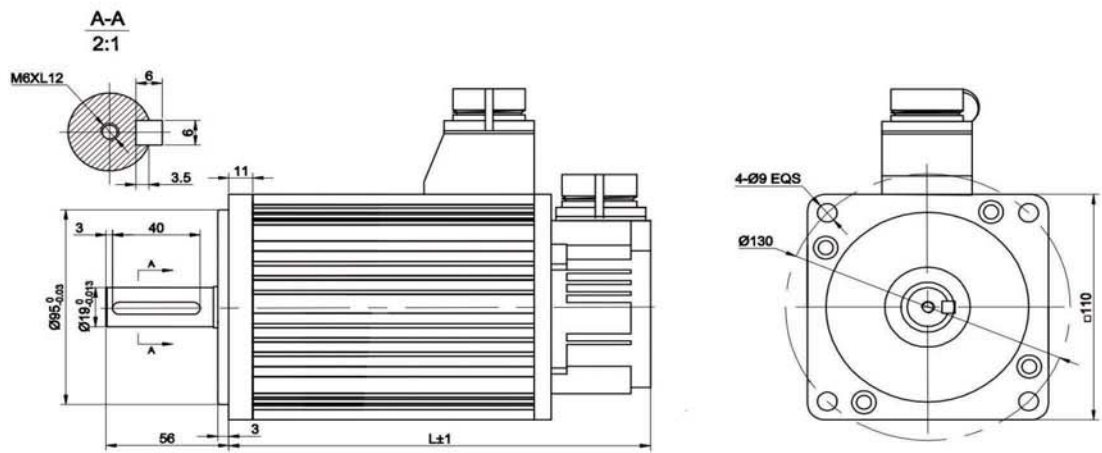
110SA Series



Performance Data

Model	Units	110S02030A3系列	110S04030A3系列	110S06030A3系列
Ploes 极对数	/		4	
Rated Voltage 额定电压	VAC		220	
Rated Power 额定功率	W	600	1200	1800
Rated Torque 额定力矩	N.m	2	4	6
Rated Speed 额定转速	rpm	3000	3000	3000
Maximum Toque 最大力矩	N.m	6	12	18
Maximum Speed 最大转速	rpm	4000	4000	3600
Rated Current 额定电流	A	2.5	5	6
Maximum Current 最大电流	A	7.5	15	18
Torque Coefficient 扭矩常数	N.m/A	0.92624	0.89316	0.09924
Rotor Intertia 转子惯量	Kg*m²	0.00031	0.00054	0.00076
Back E.M.F 反电势常数	V/Krpm	56	54	60
Insulation Class 热绝缘等级	Class		F	
Safety Class 防护等级	/		IP54	
Encoder Type 编码器类型	/		增量式或绝对值编码器	
Environment 运行环境	/		-20℃ to 40℃ humidity < 90%	
Weight 重量	Kg	4.5	6	7.9
Length 长度	mm	159	189	219

Dimensions in mm



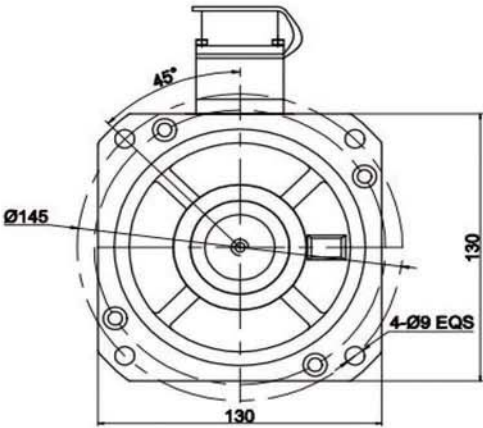
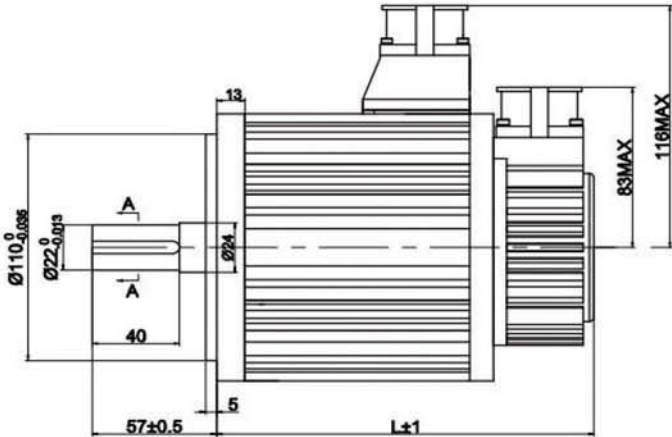
130SA Series



Performance Data

Model	Units	130S04025A3 系列	130S05020A3 系列	130S07725A3 系列	130S10025A3 系列	130S15025A3 系列
Ploes 极对数	/	4				
Rated Voltage 额定电压	VAC	220				
Rated Power 额定功率	W	1000	1000	2000	2600	3800
Rated Torque 额定力矩	N.m	4	5	7.7	10	15
Rated Speed 额定转速	rpm	2500	2000	2500	2500	2500
Maximum Toque 最大力矩	N.m	12	15	22	25	30
Maximum Speed 最大转速	rpm	3000	2800	3200	3100	3300
Rated Current 额定电流	A	3.7	4.2	7.5	9.5	14.9
Maximum Current 最大电流	A	12	12.6	22.5	23.8	29.8
Torque Coefficient 扭矩常数	N.m/A	1.19088	1.30666	1.12472	1.1578	1.10818
Rotor Intertia 转子惯量	Kg*m²	0.00085	0.00106	0.00153	0.00194	0.00277
Back E.M.F 反电势常数	V/Krpm	72	79	68	70	67
Insulation Class 热绝缘等级	Class	F				
Safety Class 防护等级	/	IP54				
Encoder Type 编码器类型	/	增量式或绝对值编码器				
Environment 运行环境	/	-20℃ to 40℃ humidity < 90%				
Weight 重量	Kg	6.2	6.6	8.3	10.2	12.6
Length 长度	mm	166	171	192	213	241

Dimensions in mm



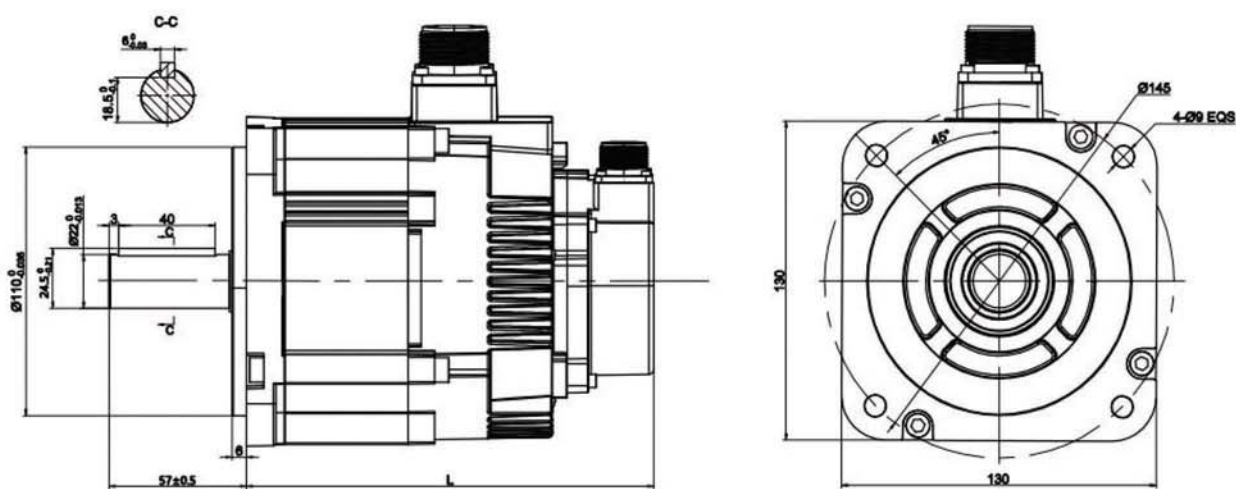
130SF Series



Performance Data

Model	Units	130S05015F 3系列	130S08015F 3系列	130S11015F 3系列	130S14015F 3系列	130S05015F 5系列	130S08015F 5系列	130S11015F 5系列	130S14015F 5系列
Ploes 极对数	/	5	5	5	5	5	5	5	5
Rated Voltage 额定电压	VAC	220						48VDC	
Rated Power 额定功率	W	850	1300	1800	2300	850	1300	1800	2300
Rated Torque 额定力矩	N.m	5.39	8.34	11.5	14.6	5.39	8.34	11.5	14.6
Rated Speed 额定转速	rpm	1500	1500	1500	1500	1500	1500	1500	1500
Maximum Toque 最大力矩	N.m	12.5	20.85	28.75	36.5	12.5	20.85	28.75	36.5
Maximum Speed 最大转速	rpm	4000	3800	3800	2600	1900	1900	1900	1900
Rated Current 额定电流	A	7.1	10.6	14.7	12.7	22.5	35.2	48	61.7
Maximum Current 最大电流	A	17.75	26.5	36.75	31.75	56.25	88	120	154
Torque Coefficient 扭矩常数	N.m/A	0.827	0.86	0.86	1.257	0.264	0.264	0.264	0.264
Rotor Inertia 转子惯量	Kg*cm ²	8.76	10.95	13.14	15.76	8.76	10.95	13.14	15.76
Back E.M.F 反电势常数	V/Krpm	50	52	52	76	16	16	16	16
Insulation Class 热绝缘等级	Class	F	F	F	F	F	F	F	F
Safety Class 防护等级	/	IP65(出轴端除外)						IP65 (出轴端除外)	
Encoder Type 编码器类型	/	增量式或绝对值编码器						增量式或绝对值编码器	
Environment 运行环境	/	-20℃ to 40℃ humidity < 90%						-20℃ to 40℃ humidity < 90%	
Weight 重量	Kg	5.5	6.3	7.1	7.9	6.5	7.3	8.1	8.9
Brake Rated Voltage 抱闸额定电压	VDC	24						24	
Without Brake Length 不带抱闸长度	mm	140	160	180	200	140	160	180	200
With Brake Length 带抱闸长度	mm	169	189	209	229	169	189	209	229

Dimensions in mm



142SA Series



Performance Data

Model	Units	142S2010A3系列	142S2020A3系列
Ploes 极对数	/	4	
Rated Voltage 额定电压	VAC	220	
Rated Power 额定功率	W	2100	4200
Rated Torque 额定力矩	N.m	20	20
Rated Speed 额定转速	rpm	1000	2000
Maximum Toque 最大力矩	N.m	40	35
Maximum Speed 最大转速	rpm	1300	1300
Rated Current 额定电流	A	7.9	18.5
Maximum Current 最大电流	A	15.8	32.4
Torque Coefficient 扭矩常数	N.m/A	2.78	1.19
Rotor Inertia 转子惯量	Kg*m²	0.0035	0.0035
Back E.M.F 反电势常数	V/Krpm	168	72
Insulation Class 热绝缘等级	Class	F	F
Safety Class 防护等级	/	IP54	IP54
Encoder Type 编码器类型	/	光电增量编码器或旋转变压器	
Environment 运行环境	/	-20℃ to 40℃ humidity < 90%	
Weight 重量	Kg	18	18
Length 长度	mm	273mm	273mm

Dimensions in mm

