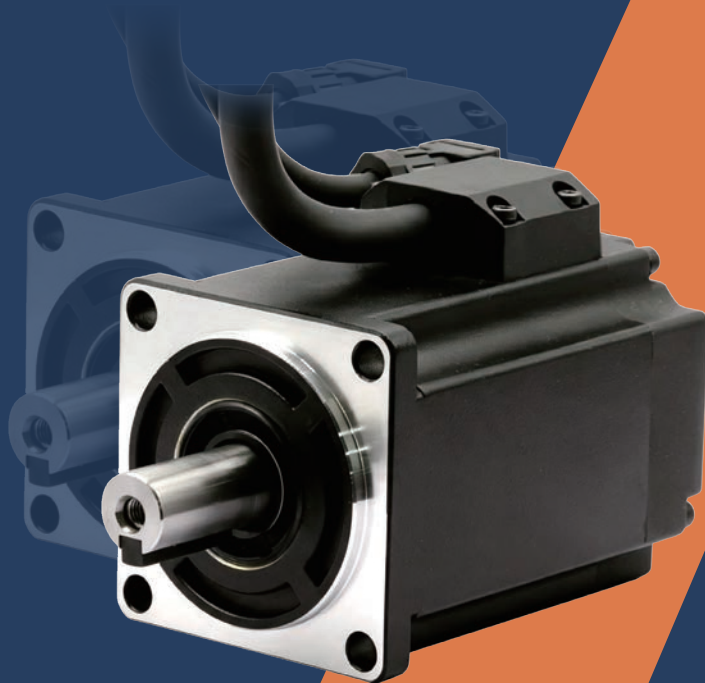
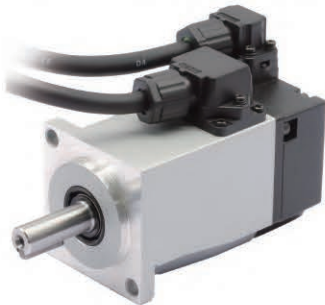


RAYSHINE
— GROUP —

Servo Motor



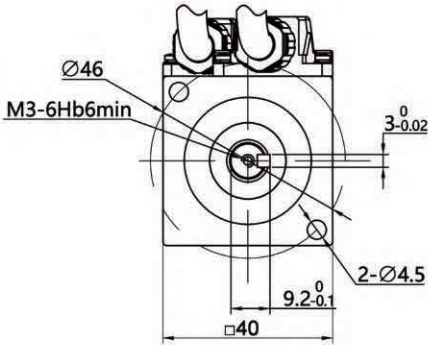
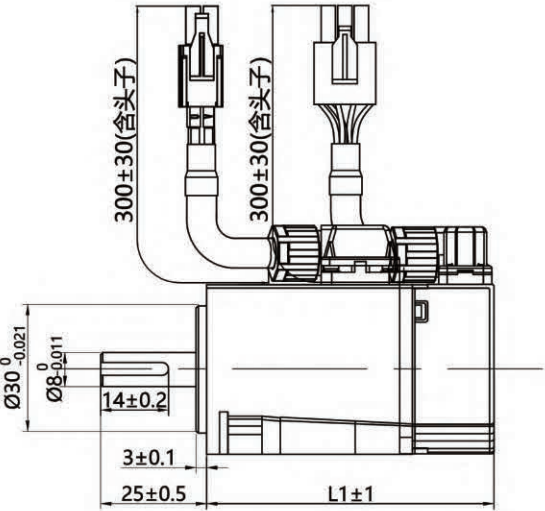
40SL Series (High Voltage)



Performance Data

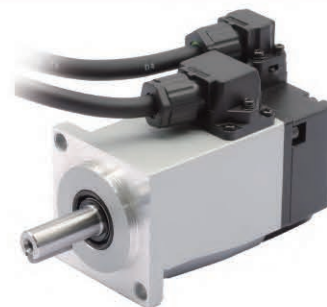
Part Number	Units	40S00230L3XMQD-00	40S00330L3XMQD-00	40S00530L3XMQD-00
Base Size	mm	40	40	40
Phase	/	3	3	3
Pole	/	10	10	10
Rated Voltage	V	220	220	220
Rated Power	W	50	100	150
Holding Torque	N.m	0.16	0.32	0.48
Rated Speed	rpm	3000	3000	3000
Current	A	0.93	0.92	1.5
Maximum Speed	rpm	6000	6000	6000
Peak Torque	N.m	0.48	0.95	1.43
Peak Current	A	2.88	2.85	4.6
BEMF	V/Krpm	12.4	23.13	20
Torque Constant	N.m/A	0.2	0.38	0.33
Rotor Inertia	x10 ⁻⁴ kg.m ²	0.036	0.062	0.09
Encoder Type	/	B: 2500-line Optical F: 2500-line Magnetic J: 17-bit Magnetic E: 23-bit Optical		
Length	mm	56.7	68.5	81.7
Front axle length	mm	25	25	25
Front axle diameter	mm	8	8	8
Insulation Class	/	F (155°C)	F (155°C)	F (155°C)
Protection level	/	IP65	IP65	IP65
Weight	kg	0.33	0.43	0.58

Dimensions in mm



功率	50W	100W	150W
L1	56.7mm	68.5mm	81.7mm

40SL Series (High Voltage With Brake)



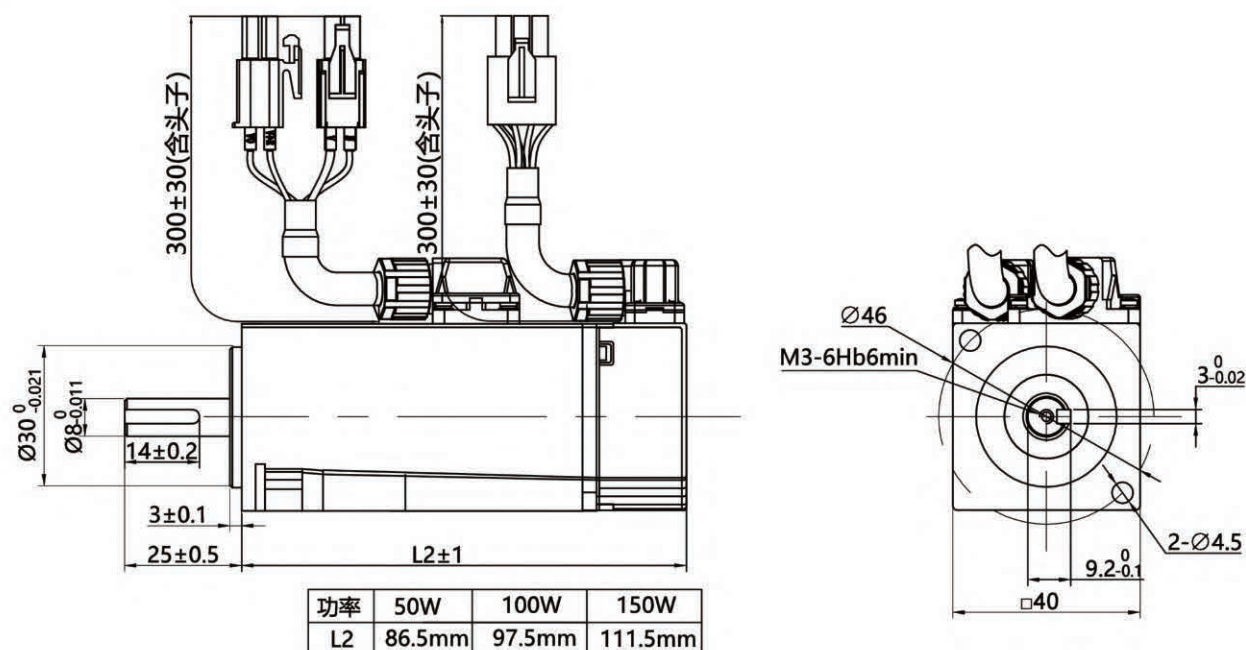
Performance Data

Part Number	Units	40S00230L3XLQD-00	40S00330L3XLQD-00	40S00530L3XLQD-00
Base Size	mm	40	40	40
Phase	/	3	3	3
Pole	/	10	10	10
Rated Voltage	V	220	220	220
Rated Power	W	50	100	150
Holding Torque	N.m	0.16	0.32	0.48
Rated Speed	rpm	3000	3000	3000
Current	A	0.93	0.92	1.5
Maximum Speed	rpm	6000	6000	6000
Peak Torque	N.m	0.48	0.95	1.43
Peak Current	A	2.88	2.85	4.6
BEMF	V/Krpm	12.4	23.13	20
Torque Constant	N.m/A	0.2	0.38	0.33
Rotor Inetia	x10 ⁻⁴ kg.m ²	0.046	0.072	0.1

B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	86.5	97.5	111.5
Front axle length	mm	25	25	25
Front axle diameter	mm	8	8	8
Insulation Class	/	F (155°C)	F (155°C)	F (155°C)
Protection level	/	IP65	IP65	IP65
Weight	kg	0.49	0.59	0.74

Dimensions in mm





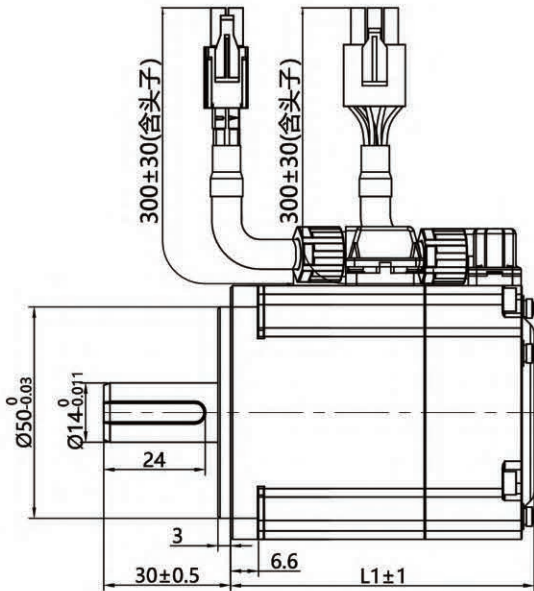
Performance Data

Part Number	Units	60S00730L3XMQD-00	60S01330L3XMQD-00
Base Size	mm	60	60
Phase	/	3	3
Pole	/	10	10
Rated Voltage	V	220	220
Rated Power	W	200	400
Holding Torque	N.m	0.64	1.27
Rated Speed	rpm	3000	3000
Current	A	1.5	2.1
Maximum Speed	rpm	6500	5000
Peak Torque	N.m	2.23	3.81
Peak Current	A	5.5	6.5
BEMF	V/Krpm	27	39
Torque Constant	N.m/A	0.427	0.645
Rotor Inertia	x10 ⁻⁴ kg.m ²	0.28	0.56
Encoder Type	/		

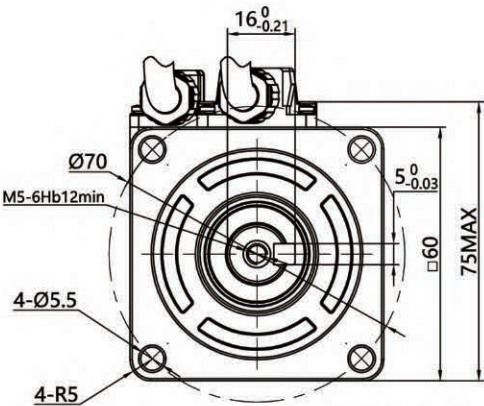
B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	71.8	88.8
Front axle length	mm	30	30
Front axle diameter	mm	14	14
Insulation Class	/	F (155°C)	F (155°C)
Protection level	/	IP65	IP65
Weight	kg	0.95	1.3

Dimensions in mm



功率	200W	400W
L1	71.8mm	88.8mm



60SL Series (High Voltage With Brake)



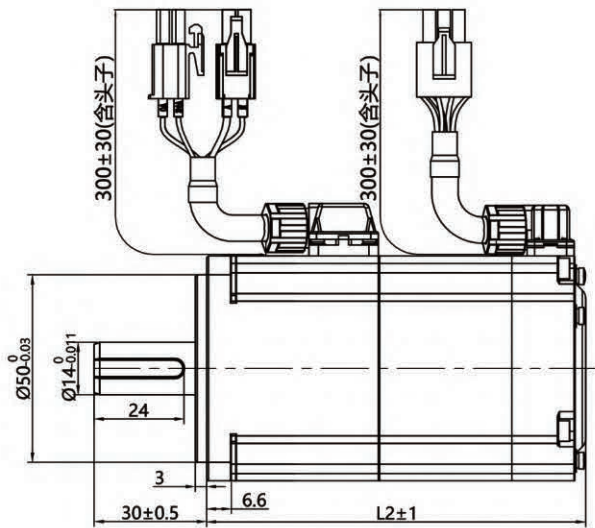
Performance Data

Part Number	Units	60S00730L3XLQD-00	60S01330L3XLQD-00
Base Size	mm	60	60
Phase	/	3	3
Pole	/	10	10
Rated Voltage	V	220	220
Rated Power	W	200	400
Holding Torque	N.m	0.64	1.27
Rated Speed	rpm	3000	3000
Current	A	1.5	2.1
Maximum Speed	rpm	6500	5000
Peak Torque	N.m	2.23	3.81
Peak Current	A	5.5	6.5
BEMF	V/Krpm	27	39
Torque Constant	N.m/A	0.427	0.645
Rotor Inertia	x10 ⁻⁴ kg.m ²	0.3	0.58
Encoder Type	/		

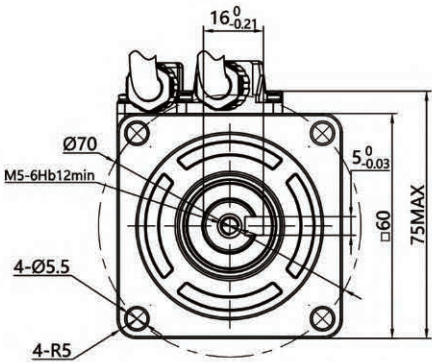
B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	101.1	118.1
Front axle length	mm	30	30
Front axle diameter	mm	14	14
Insulation Class	/	F (155°C)	F (155°C)
Protection level	/	IP65	IP65
Weight	kg	1.35	1.55

Dimensions in mm



功率	200W	400W
L2	101.1mm	118.1mm





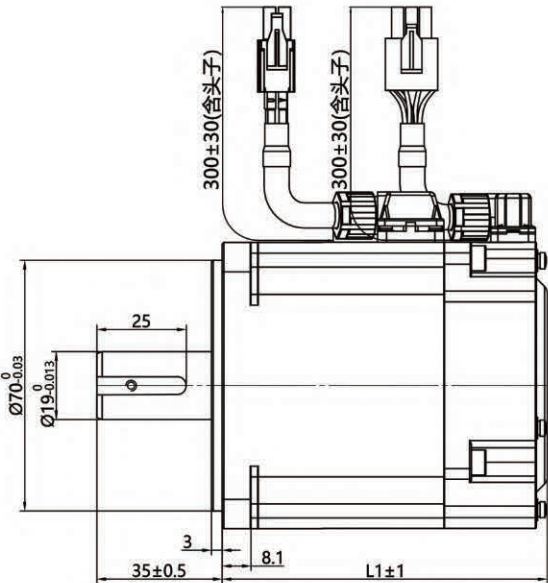
Performance Data

Part Number	Units	80S02430L3XMQD-00	80S03230L3XMQD-00
Base Size	mm	80	80
Phase	/	3	3
Pole	/	10	10
Rated Voltage	V	220	220
Rated Power	W	750	1000
Holding Torque	N.m	2.39	3.19
Rated Speed	rpm	3000	3000
Current	A	4.1	5.7
Maximum Speed	rpm	5000	5000
Peak Torque	N.m	7.17	9.56
Peak Current	A	13.4	17.7
BEMF	V/Krpm	39	38.3
Torque Constant	N.m/A	0.645	0.56
Rotor Inertia	x10 ⁻⁴ kg.m ²	1.5	2
Encoder Type	/		

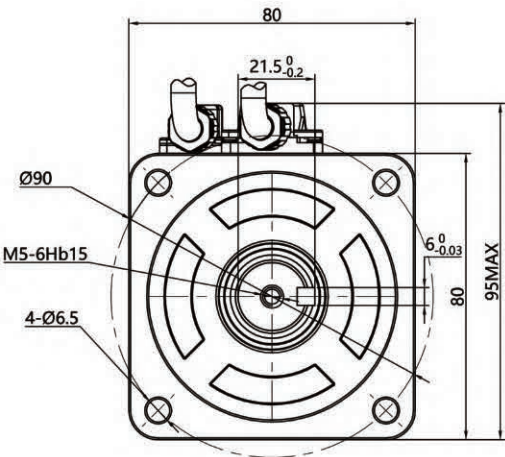
B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	90.9	103.9
Front axle length	mm	35	35
Front axle diameter	mm	19	19
Insulation Class	/	F (155°C)	F (155°C)
Protection level	/	IP65	IP65
Weight	kg	2.12	2.8

Dimensions in mm



功率	750W	1000W
L1	90.9mm	103.9mm



80SL Series (High Voltage With Brake)



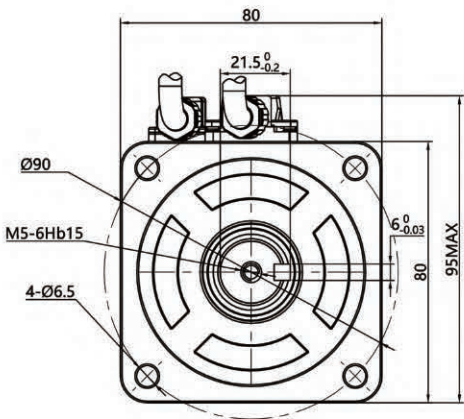
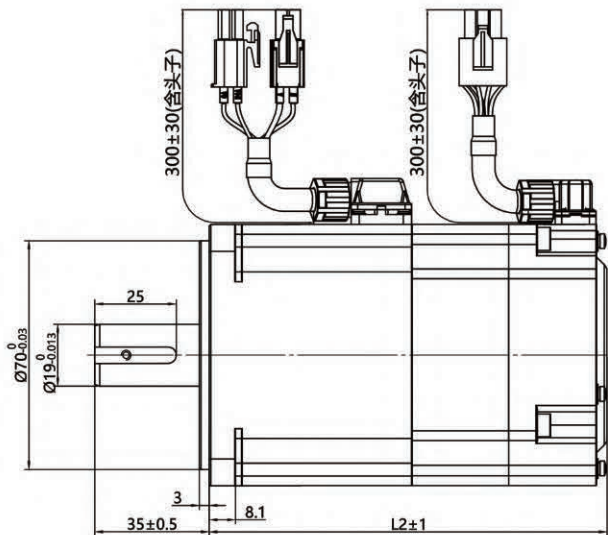
Performance Data

Part Number	Units	80S02430L3XLQD-00	80S03230L3XLQD-00
Base Size	mm	80	80
Phase	/	3	3
Pole	/	10	10
Rated Voltage	V	220	220
Rated Power	W	750	1000
Holding Torque	N.m	2.39	3.19
Rated Speed	rpm	3000	3000
Current	A	4.1	5.7
Maximum Speed	rpm	5000	5000
Peak Torque	N.m	7.17	9.56
Peak Current	A	13.4	17.7
BEMF	V/Krpm	39	38.3
Torque Constant	N.m/A	0.645	0.56
Rotor Inertia	x10 ⁻⁴ kg.m ²	1.65	2.15
Encoder Type	/		

B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	121.9	134.9
Front axle length	mm	35	35
Front axle diameter	mm	19	19
Insulation Class	/	F (155°C)	F (155°C)
Protection level	/	IP65	IP65
Weight	kg	2.7	3.4

Dimensions in mm



功率	750W	1000W
L2	121.9mm	134.9mm



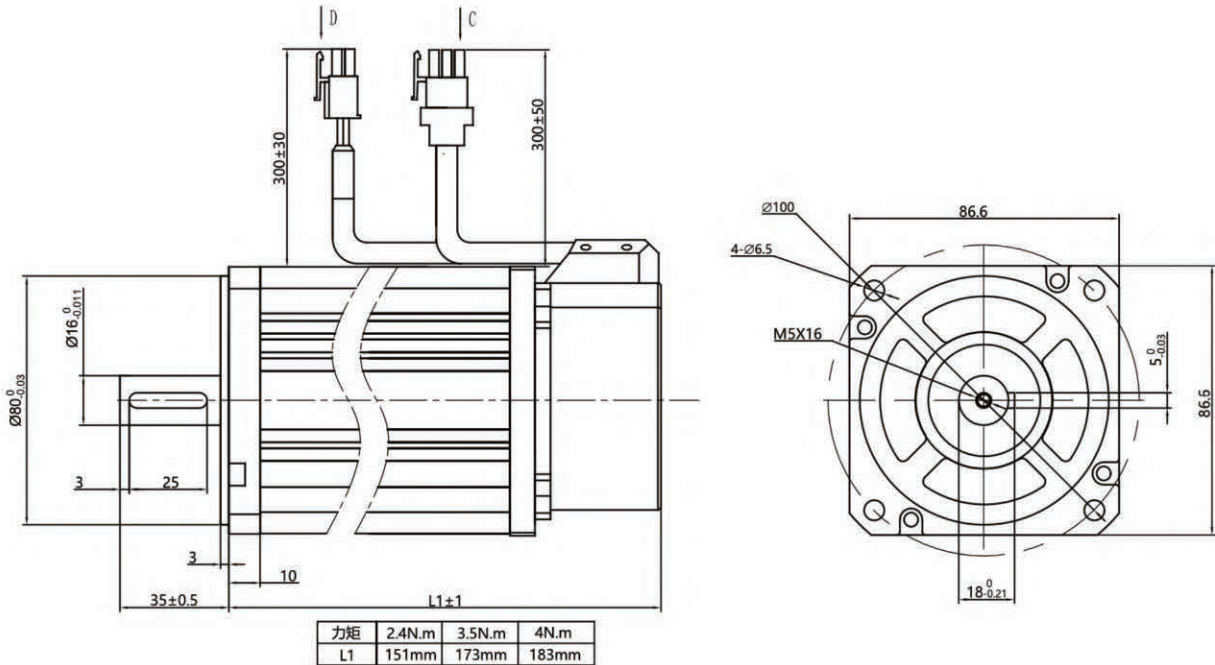
Performance Data

Part Number	Units	90S02430M3XMQD-00	90S03520M3XMQD-00	90S04025M3XMQD-00
Base Size	mm	90	90	90
Phase	/	3	3	3
Pole	/	8	8	8
Rated Voltage	V	220	220	220
Rated Power	W	750	730	1000
Holding Torque	N.m	2.4	3.5	4
Rated Speed	rpm	3000	2000	2500
Current	A	3	3	4
Maximum Speed	rpm	4100	3100	3500
Peak Torque	N.m	7.2	10.5	12
Peak Current	A	9.3	9.3	12.9
BEMF	V/Krpm	51	67	60
Torque Constant	N.m/A	0.8	1.2	1
Rotor Inertia	x10 ⁻⁴ kg.m ²	2.45	3.4	3.7
Encoder Type	/			

B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	151	173	183
Front axle length	mm	35	35	35
Front axle diameter	mm	16	16	16
Insulation Class	/	F (155°C)	F (155°C)	F (155°C)
Protection level	/	IP54	IP54	IP54
Weight	kg	3.3	4.1	4.6

Dimensions in mm



90SM Series (High Voltage With Brake)



Performance Data

Part Number	Units	90S02430M3XLQD-00	90S03520M3XLQD-00	90S04025M3XLQD-00
Base Size	mm	90	90	90
Phase	/	3	3	3
Pole	/	8	8	8
Rated Voltage	V	220	220	220
Rated Power	W	750	730	1000
Holding Torque	N.m	2.4	3.5	4
Rated Speed	rpm	3000	2000	2500
Current	A	3	3	4
Maximum Speed	rpm	4100	3100	3500
Peak Torque	N.m	7.2	10.5	12
Peak Current	A	9.3	9.3	12.9
BEMF	V/Krpm	51	67	60
Torque Constant	N.m/A	0.8	1.2	1
Rotor Inertia	$\times 10^{-4} \text{kg.m}^2$	2.55	3.5	3.8

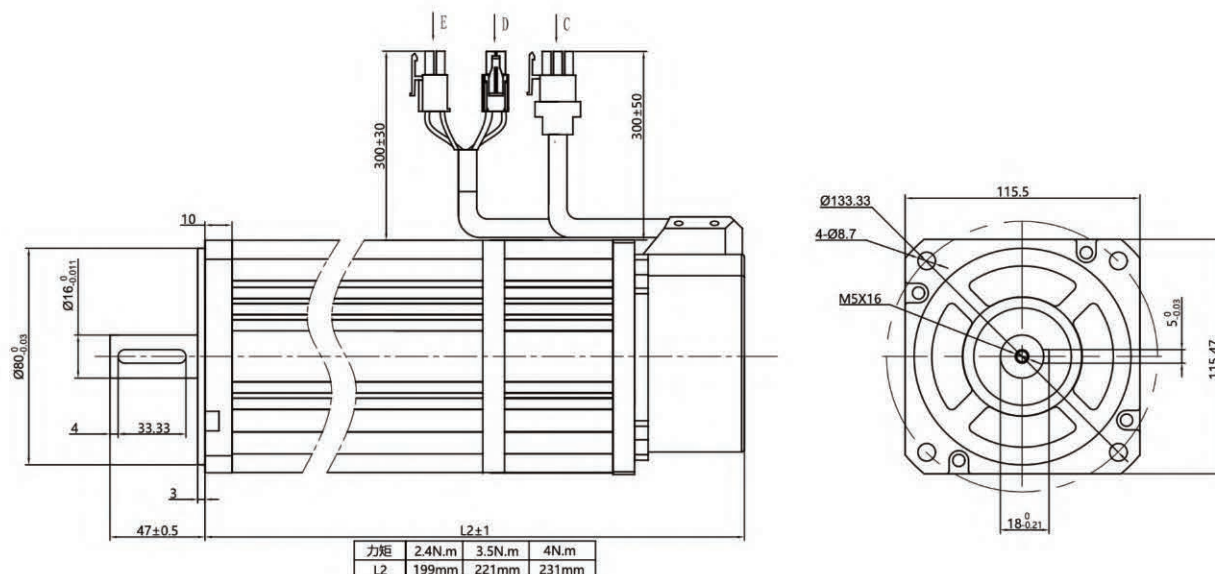
Encoder Type

/

B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	199	221	231
Front axle length	mm	35	35	35
Front axle diameter	mm	16	16	16
Insulation Class	/	F (155°C)	F (155°C)	F (155°C)
Protection level	/	IP54	IP54	IP54
Weight	kg	3.6	4.4	4.9

Dimensions in mm



110SD Series (High Voltage)



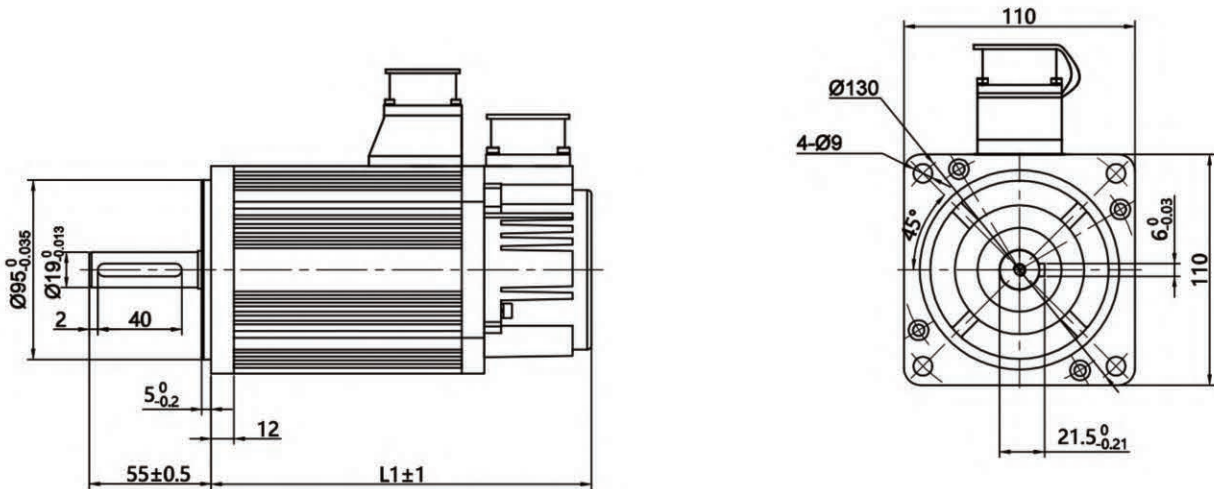
Performance Data

Part Number	Units	110S04030D3XMRD-00	110S4020D3XMRD-00	110S05030D3XMRD-00	110S05020D3XMRD-00	110S06030D3XMRD-00	110S06020D3XMRD-00
Base Size	mm	110	110	110	110	110	110
Phase	/	3	3	3	3	3	3
Pole	/	8	8	8	8	8	8
Rated Voltage	V	220	220	220	220	220	220
Rated Power	W	1250	837	1570	1050	1885	1250
Holding Torque	N.m	4	4	5	5	6	6
Rated Speed	rpm	3000	2000	3000	2000	3000	2000
Current	A	6	4.8	7.5	5.7	8.9	6.8
Maximum Speed	rpm	4800	3600	4700	3600	4600	3500
Peak Torque	N.m	12	12	15	15	18	18
Peak Current	A	18	14.4	22.5	17.1	26.7	20.4
BEMF	V/Krpm	44	58	44	58	45	59
Torque Constant	N.m/A	0.73	0.96	0.73	0.96	0.74	0.97
Rotor Inertia	x10 ⁻⁴ kg.m ²	7.4	7.4	9.3	9.3	11.6	11.6
Encoder Type	/						

B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	184	184	199	199	214	214
Front axle length	mm	55	55	55	55	55	55
Front axle diameter	mm	19	19	19	19	19	19
Insulation Class	/	F (155°C)	F (155°C)	F (155°C)	F (155°C)	F (155°C)	F (155°C)
Protection level	/	IP65	IP65	IP65	IP65	IP65	IP65
Weight	kg	5.6	5.6	6.9	6.9	8.3	8.3

Dimensions in mm



力矩	2N.m	4N.m	5N.m	6N.m	10N.m
L1	154mm	184mm	199mm	214mm	229mm

110SD Series (High Voltage With Brake)



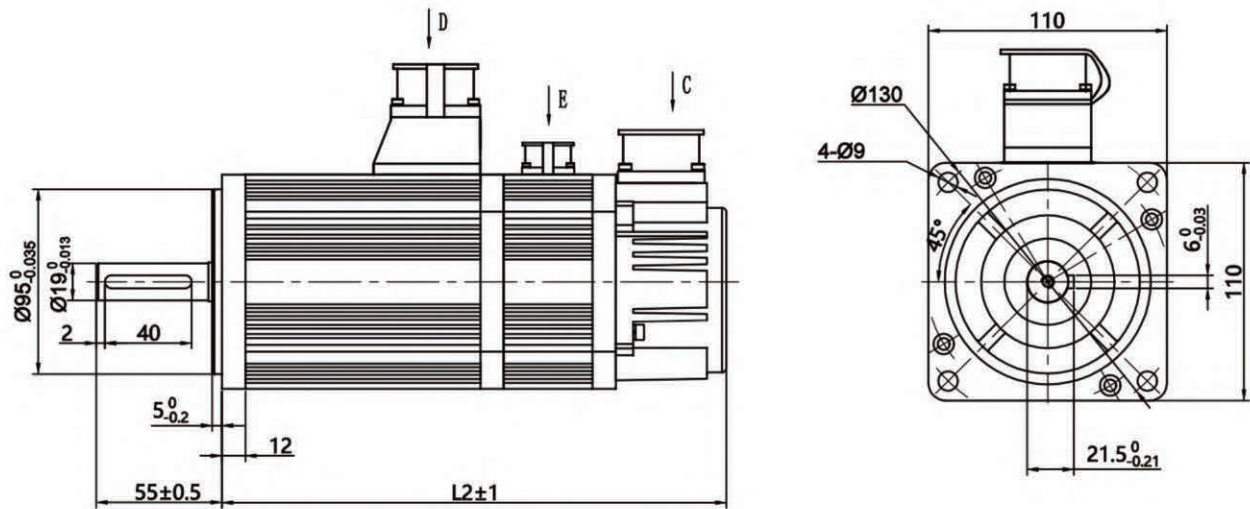
Performance Data

Part Number	Units	110S04030D3X L RD-00	110S4020D3X L RD-00	110S05030D3X L RD-00	110S05020D3X L RD-00	110S06030D3XLRD-00	110S06020D3XLRD-00
Base Size	mm	110	110	110	110	110	110
Phase	/	3	3	3	3	3	3
Pole	/	8	8	8	8	8	8
Rated Voltage	V	220	220	220	220	220	220
Rated Power	W	1250	837	1570	1050	1885	1250
Holding Torque	N.m	4	4	5	5	6	6
Rated Speed	rpm	3000	2000	3000	2000	3000	2000
Current	A	6	4.8	7.5	5.7	8.9	6.8
Maximum Speed	rpm	4800	3600	4700	3600	4600	3500
Peak Torque	N.m	12	12	15	15	18	18
Peak Current	A	18	14.4	22.5	17.1	26.7	20.4
BEMF	V/Krpm	44	58	44	58	45	59
Torque Constant	N.m/A	0.73	0.96	0.73	0.96	0.74	0.97
Rotor Inertia	x10 ⁻⁴ kg.m ²	7.9	7.9	9.8	9.8	12.1	12.1
Encoder Type	/						

B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	258	258	273	273	288	288
Front axle length	mm	55	55	55	55	55	55
Front axle diameter	mm	19	19	19	19	19	19
Insulation Class	/	F (155°C)	F (155°C)	F (155°C)	F (155°C)	F (155°C)	F (155°C)
Protection level	/	IP65	IP65	IP65	IP65	IP65	IP65
Weight	kg	6.2	6.2	7.5	7.5	8.9	8.9

Dimensions in mm



力矩	2N.m	4N.m	6N.m	10N.m
L2	228mm	258mm	273mm	288mm



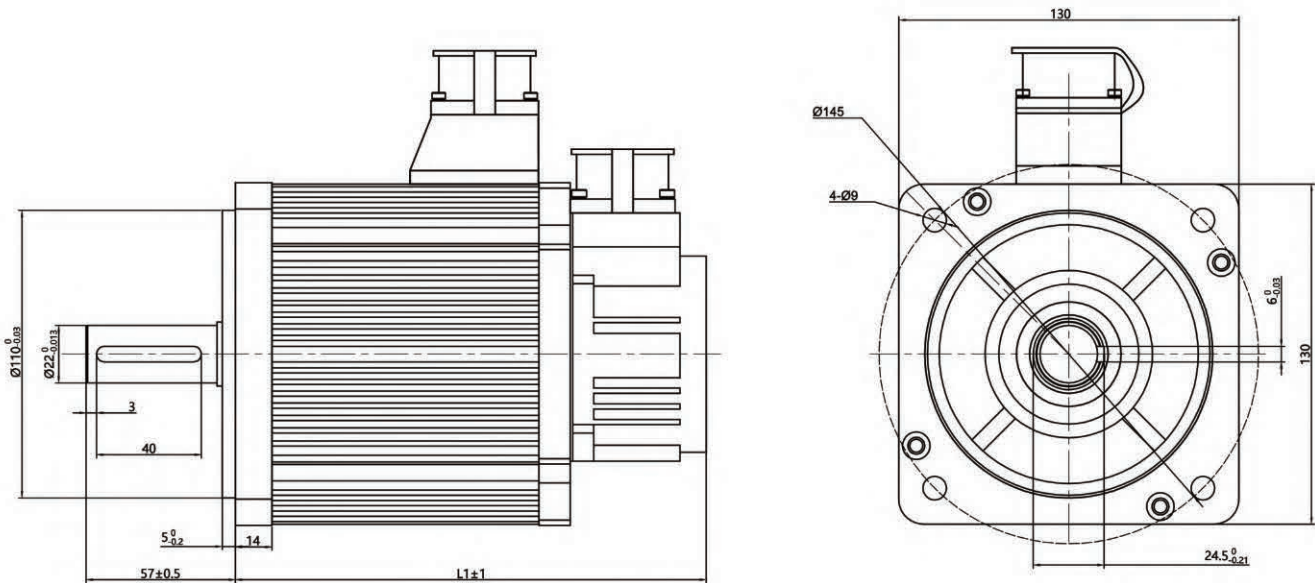
Performance Data

Part Number	Units	130S04025M3XMRD-00	130S05025M3XMRD-00	130S06025M3XMRD-00	130S07725M3XMRD-00
Base Size	mm	130	130	130	130
Phase	/	3	3	3	3
Pole	/	8	8	8	8
Rated Voltage	V	220	220	220	220
Rated Power	W	1000	1300	1500	2000
Holding Torque	N.m	4	5	6	7.7
Rated Speed	rpm	2500	2500	2500	2500
Current	A	4	5	6	7.5
Maximum Speed	rpm	3000	3000	3300	3200
Peak Torque	N.m	12	15	18	22
Peak Current	A	13	16	19	23
BEMF	V/Krpm	72	72	65	68
Torque Constant	N.m/A	1	1	1	1.01
Rotor Inertia	x10 ⁻⁴ kg.m ²	8.5	10.6	12.6	15.3
Encoder Type	/				

B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	167	172	180	193
Front axle length	mm	57	57	57	57
Front axle diameter	mm	22	22	22	22
Insulation Class	/	F (155°C)	F (155°C)	F (155°C)	F (155°C)
Protection level	/	IP54	IP54	IP54	IP54
Weight	kg	5.9	6.4	6.9	7.8

Dimensions in mm



力矩	4N.m	5N.m	6N.m	7.7N.m	10N.m	15N.m
L1	167mm	172mm	180mm	193mm	214mm	242mm

130SM Series (High Voltage)



Performance Data

Part Number	Units	130S10010M3XMRD-00	130S10015M3XMRD-00	130S10025M3XMRD-00	130S15015M3XMRD-00	130S15025M3XMRD-00
Base Size	mm	130	130	130	130	130
Phase	/	3	3	3	3	3
Pole	/	8	8	8	8	8
Rated Voltage	V	220	220	220	220	220
Rated Power	W	1000	1500	2600	2300	3800
Holding Torque	N.m	10	10	10	15	15
Rated Speed	rpm	1000	1500	2500	1500	2500
Current	A	4.5	6	10	9.5	13.5
Maximum Speed	rpm	1500	2100	3100	1900	3200
Peak Torque	N.m	20	25	25	30	30
Peak Current	A	9.1	16	26	20	27
BEMF	V/Krpm	140	103	70	114	67
Torque Constant	N.m/A	2.2	1.67	1	1.58	1.11
Rotor Inertia	x10 ⁻⁴ kg.m ²	19.4	19.4	19.4	27.7	27.7

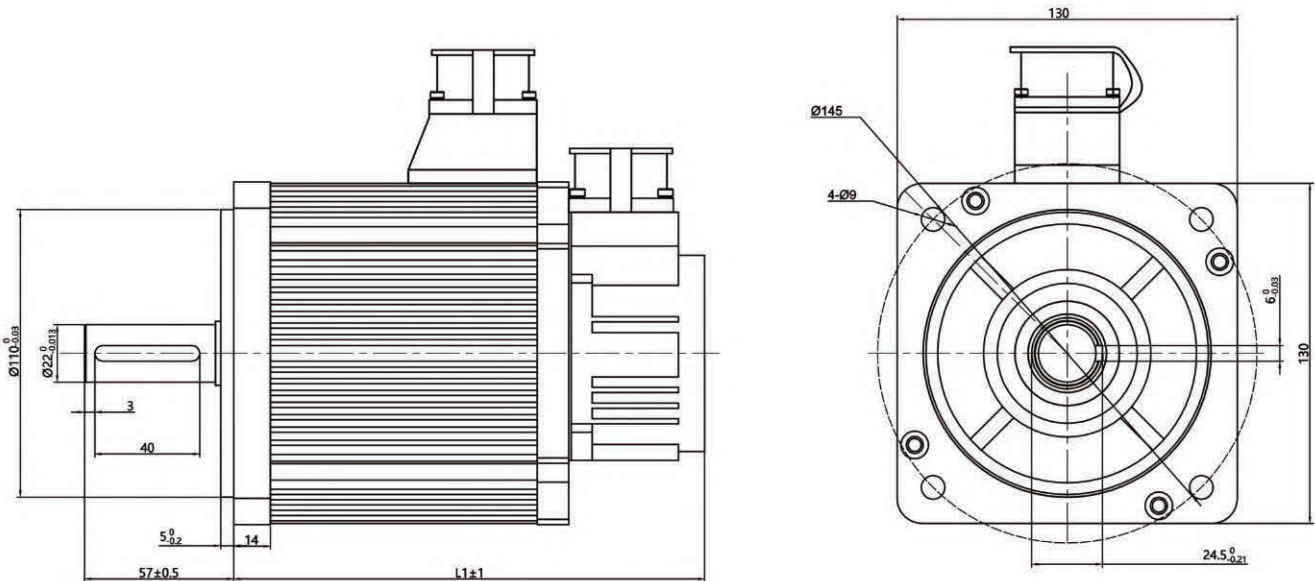
Encoder Type

/

B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	214	214	214	242	242
Front axle length	mm	57	57	57	57	57
Front axle diameter	mm	22	22	22	22	22
Insulation Class	/	F (155°C)	F (155°C)	F (155°C)	F (155°C)	F (155°C)
Protection level	/	IP54	IP54	IP54	IP54	IP54
Weight	kg	10	10	10	13	13

Dimensions in mm



力矩	4N.m	5N.m	6N.m	7.7N.m	10N.m	15N.m
L1	167mm	172mm	180mm	193mm	214mm	242mm

130SM Series (High Voltage With Brake)



Performance Data

Part Number	Units	130S04025M3XLRD-00	130S05025M3XLRD-00	130S06025M3XLRD-00	130S07725M3XLRD-00
Base Size	mm	130	130	130	130
Phase	/	3	3	3	3
Pole	/	8	8	8	8
Rated Voltage	V	220	220	220	220
Rated Power	W	1000	1300	1500	2000
Holding Torque	N.m	4	5	6	7.7
Rated Speed	rpm	2500	2500	2500	2500
Current	A	4	5	6	7.5
Maximum Speed	rpm	3000	3000	3300	3200
Peak Torque	N.m	12	15	18	22
Peak Current	A	13	16	19	23
BEMF	V/Krpm	72	72	65	68
Torque Constant	N.m/A	1	1	1	1.01
Rotor Inertia	x10 ⁻⁴ kg.m ²	9	11.1	13.1	15.8

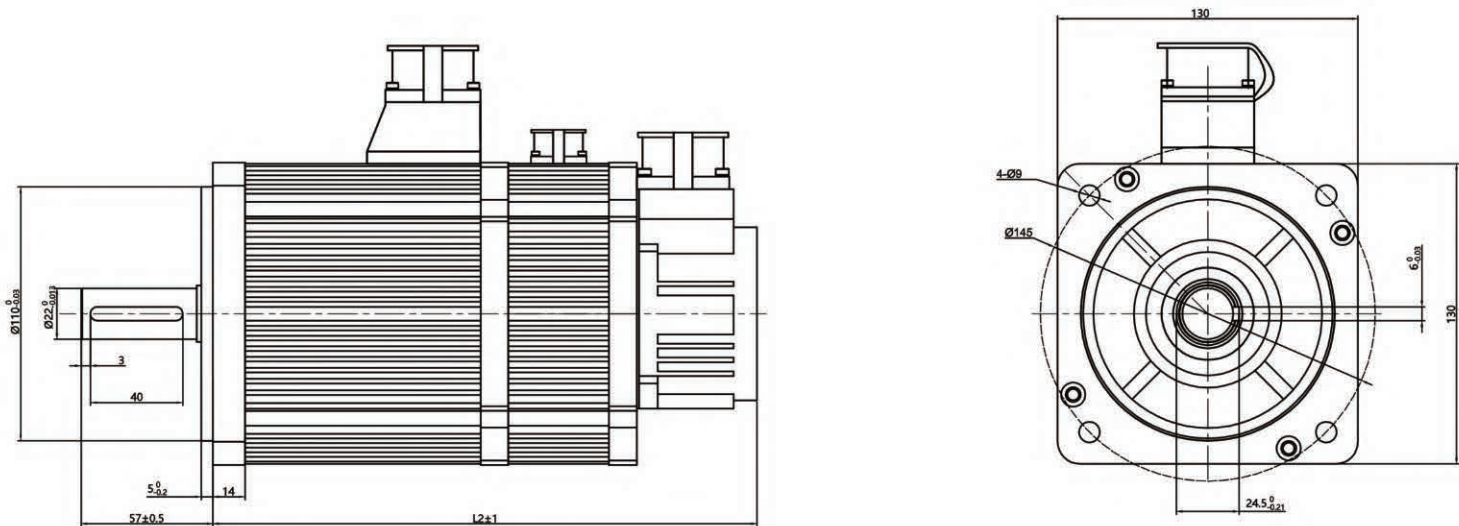
Encoder Type

/

B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	224	229	237	250
Front axle length	mm	57	57	57	57
Front axle diameter	mm	22	22	22	22
Insulation Class	/	F (155°C)	F (155°C)	F (155°C)	F (155°C)
Protection level	/	IP54	IP54	IP54	IP54
Weight	kg	7.7	8.2	8.7	9.6

Dimensions in mm



力矩	4N.m	5N.m	6N.m	7.7N.m	10N.m	15N.m
L2	224mm	229mm	237mm	250mm	271mm	299mm

130SM Series (High Voltage With Brake)

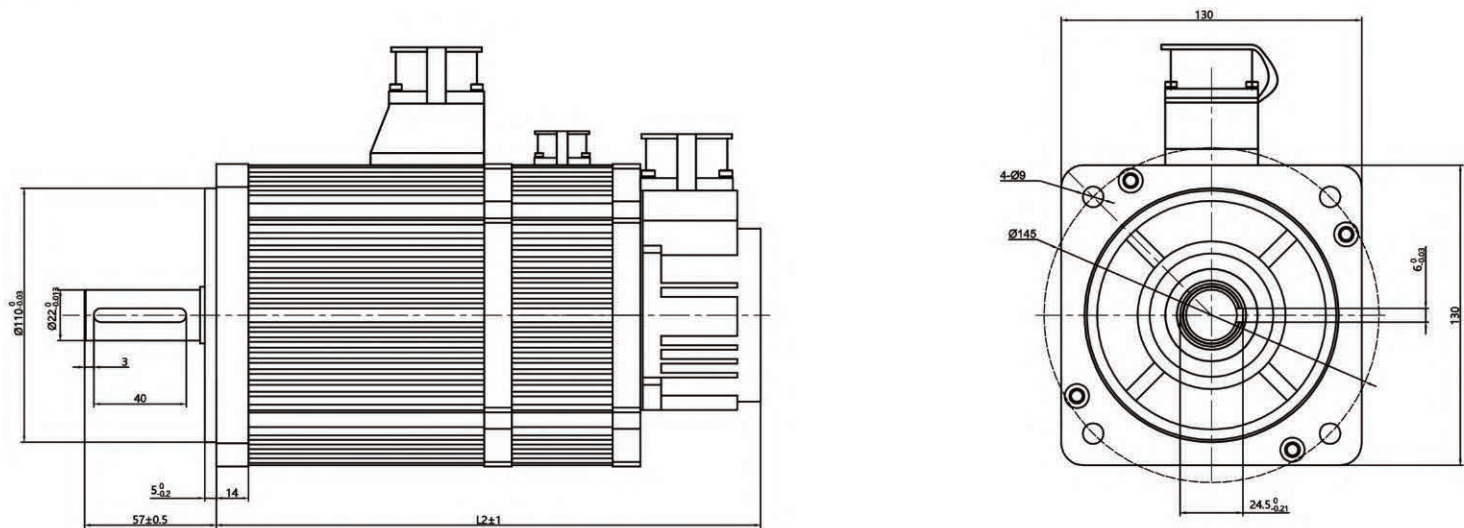


Performance Data

Part Number	Units	130S10010M3XLRD-00	130S10015M3XLRD-00	130S10025M3XLRD-00	130S15015M3XLRD-00	130S15025M3XLRD-00
Base Size	mm	130	130	130	130	130
Phase	/	3	3	3	3	3
Pole	/	8	8	8	8	8
Rated Voltage	V	220	220	220	220	220
Rated Power	W	1000	1500	2300	2300	3800
Holding Torque	N.m	10	10	10	15	15
Rated Speed	rpm	1000	1500	2500	1500	2500
Current	A	4.5	6	10	9.5	13.5
Maximum Speed	rpm	1500	2100	3100	1900	3200
Peak Torque	N.m	20	25	25	30	30
Peak Current	A	9.1	16	26	20	27
BEMF	V/Krpm	140	103	70	114	67
Torque Constant	N.m/A	2.2	1.67	1	1.58	1.11
Rotor Inertia	x10 ⁻⁴ kg.m ²	19.9	19.9	19.9	28.2	28.2
Encoder Type	/	B: 2500-line Optical F: 2500-line Magnetic J: 17-bit Magnetic E: 23-bit Optical				

Length	mm	271	271	271	299	299
Front axle length	mm	57	57	57	57	57
Front axle diameter	mm	22	22	22	22	22
Insulation Class	/	F (155°C)	F (155°C)	F (155°C)	F (155°C)	F (155°C)
Protection level	/	IP54	IP54	IP54	IP54	IP54
Weight	kg	11.8	11.8	11.8	14.8	14.8

Dimensions in mm



力矩	4N.m	5N.m	6N.m	7.7N.m	10N.m	15N.m
L2	224mm	229mm	237mm	250mm	271mm	299mm

142SA Series (High Standard)



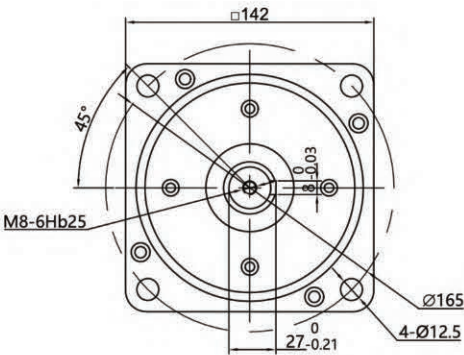
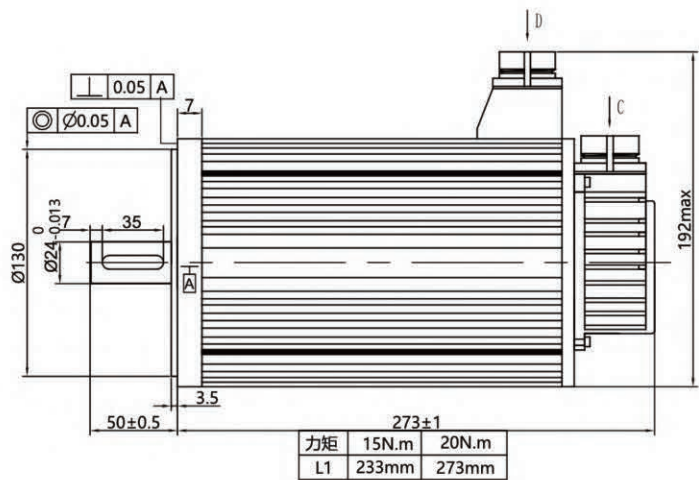
Performance Data

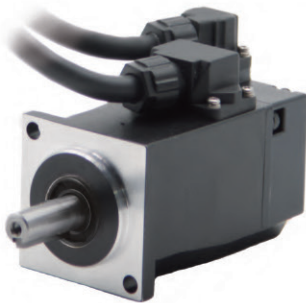
Part Number	Units	142S15020A3XMQD-00	142S20010A3XMQD-00	142S20020A3XMQD-00
Base Size	mm	142	142	142
Phase	/	3	3	3
Pole	/	8	8	8
Rated Voltage	V	220	220	220
Rated Power	W	3140	2090	4180
Holding Torque	N.m	15	20	20
Rated Speed	rpm	2000	1000	2000
Current	A	14.2	8.5	18.4
Maximum Speed	rpm	3000	1400	3000
Peak Torque	N.m	30	40	40
Peak Current	A	28.5	17.1	37
BEMF	V/Krpm	70.4	156	72
Torque Constant	N.m/A	1.16	2.58	1.19
Rotor Inertia	x10 ⁻⁴ kg.m ²	25.7	35	35
Encoder Type	/			

A: Resolver
B: 2500-line Optical Encoder

Length	mm	233	273	273
Front axle length	mm	50	50	50
Front axle diameter	mm	24	24	24
Insulation Class	/	F (155°C)	F (155°C)	F (155°C)
Protection level	/	IP54	IP54	IP54
Weight	kg	15	18	18

Dimensions in mm



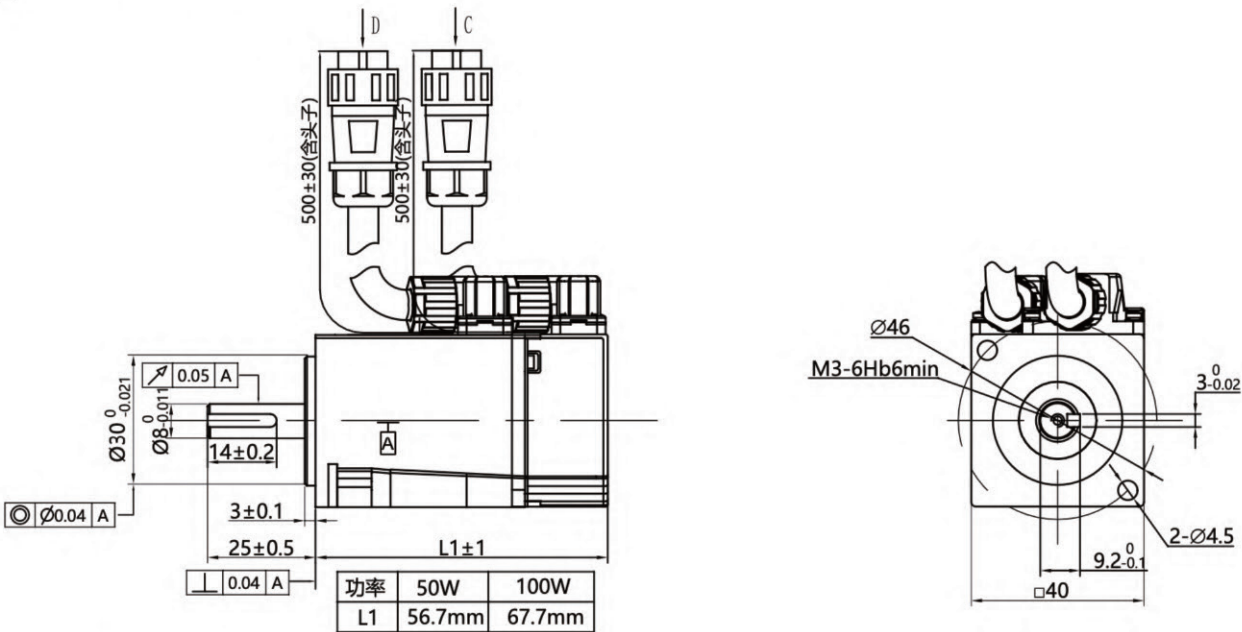


Performance Data

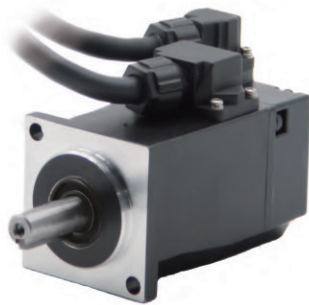
Part Number	Units	40S00230L5XMQD-00	40S00330L5XMQD-00
Base Size	mm	40	40
Phase	/	3	3
Pole	/	10	10
Rated Voltage	V	24/48	24/48
Rated Power	W	50	100
Holding Torque	N.m	0.16	0.32
Rated Speed	rpm	3000	3000
Current	A	3	5.7
Maximum Speed	rpm	4000	4000
Peak Torque	N.m	0.48	0.95
Peak Current	A	9.3	17.7
BEMF	V/Krpm	3.6	3.7
Torque Constant	N.m/A	0.053	0.056
Rotor Inetia	x10 ⁻⁴ kg.m ²	0.036	0.062
Encoder Type	/	B: 2500-line Optical F: 2500-line Magnetic J: 17-bit Magnetic E: 23-bit Optical	

Length	mm	56.7	88.8
Front axle length	mm	25	30
Front axle diameter	mm	8	14
Insulation Class	/	F (155°C)	F (155°C)
Protection level	/	IP65	IP65
Weight	kg	0.33	0.43

Dimensions in mm



40SL Series (Low Voltage With Brake)



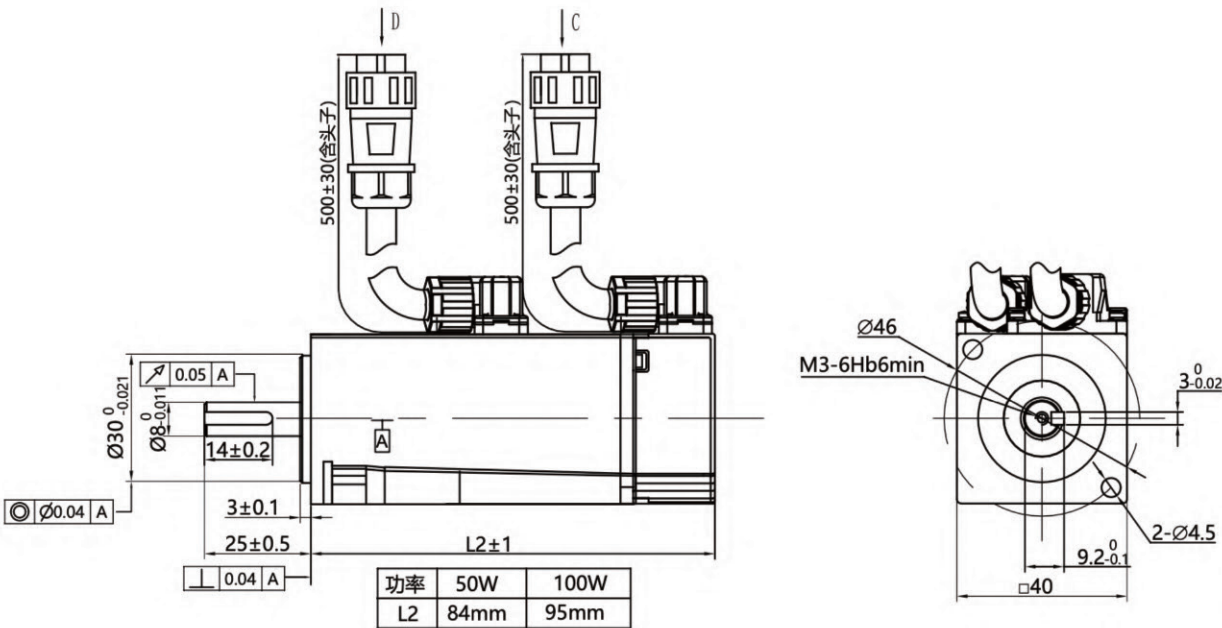
Performance Data

Part Number	Units	40S00230L5XLQD-00	40S00330L5XLQD-00
Base Size	mm	40	40
Phase	/	3	3
Pole	/	10	10
Rated Voltage	V	24/48	24/48
Rated Power	W	50	100
Holding Torque	N.m	0.16	0.32
Rated Speed	rpm	3000	3000
Current	A	3	5.7
Maximum Speed	rpm	4000	4000
Peak Torque	N.m	0.48	0.95
Peak Current	A	9.3	17.7
BEMF	V/Krpm	3.6	3.7
Torque Constant	N.m/A	0.053	0.056
Rotor Inertia	x10 ⁻⁴ kg.m ²	0.046	0.072
Encoder Type	/		

B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	84	118.1
Front axle length	mm	30	30
Front axle diameter	mm	14	14
Insulation Class	/	F (155°C)	F (155°C)
Protection level	/	IP65	IP65
Weight	kg	0.49	0.59

Dimensions in mm

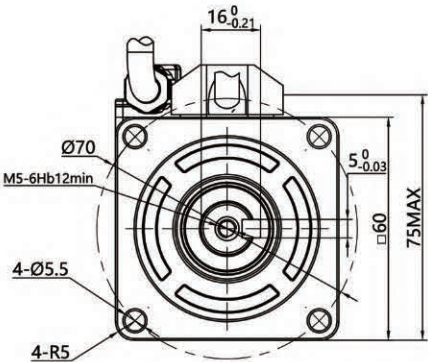
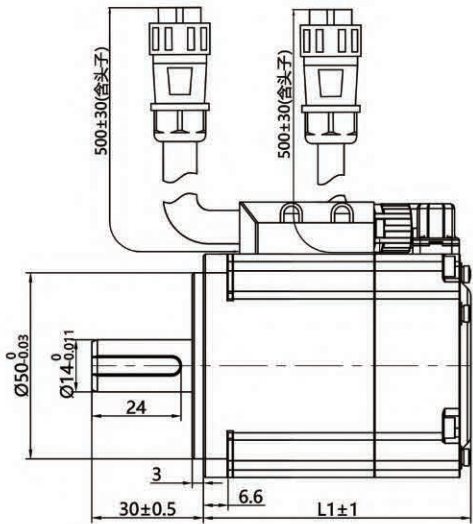




Performance Data

Part Number	Units	60S00730L5XMQD-00	60S01330L5XMQD-00
Base Size	mm	60	60
Phase	/	3	3
Pole	/	10	10
Rated Voltage	V	48	48
Rated Power	W	200	400
Holding Torque	N.m	0.64	1.27
Rated Speed	rpm	3000	3000
Current	A	6	10
Maximum Speed	rpm	4000	4000
Peak Torque	N.m	1.92	3.81
Peak Current	A	18.6	31
BEMF	V/Krpm	6.9	8.3
Torque Constant	N.m/A	0.107	0.127
Rotor Inertia	x10 ⁻⁴ kg.m ²	0.28	0.56
Encoder Type	/	B: 2500-line Optical F: 2500-line Magnetic J: 17-bit Magnetic E: 23-bit Optical	
Length	mm	71.8	88.8
Front axle length	mm	30	30
Front axle diameter	mm	14	14
Insulation Class	/	F (155°C)	F (155°C)
Protection level	/	IP65	IP65
Weight	kg	0.95	1.3

Dimensions in mm



功率	200W	400W
L1	71.8mm	88.8mm

60SL Series (Low Voltage With Brake)



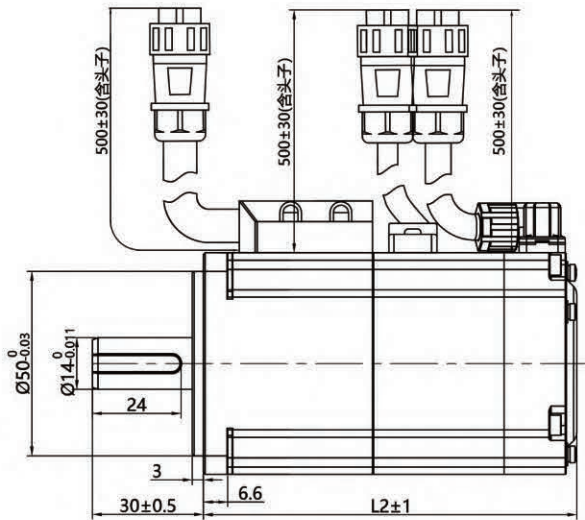
Performance Data

Part Number	Units	60S00730L5XLQD-00	60S01330L5XLQD-00
Base Size	mm	60	60
Phase	/	3	3
Pole	/	10	10
Rated Voltage	V	48	48
Rated Power	W	200	400
Holding Torque	N.m	0.64	1.27
Rated Speed	rpm	3000	3000
Current	A	6	10
Maximum Speed	rpm	4000	4000
Peak Torque	N.m	1.92	3.81
Peak Current	A	18.6	31
BEMF	V/Krpm	6.9	8.3
Torque Constant	N.m/A	0.107	0.127
Rotor Inertia	x10 ⁻⁴ kg.m ²	0.3	0.58
Encoder Type	/		

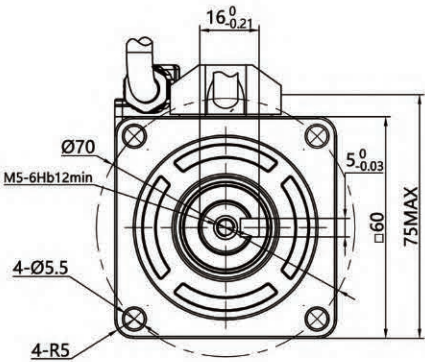
B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	101.1	118.1
Front axle length	mm	30	30
Front axle diameter	mm	14	14
Insulation Class	/	F (155°C)	F (155°C)
Protection level	/	IP65	IP65
Weight	kg	1.35	1.55

Dimensions in mm



功率	200W	400W
L2	101.1mm	118.1mm





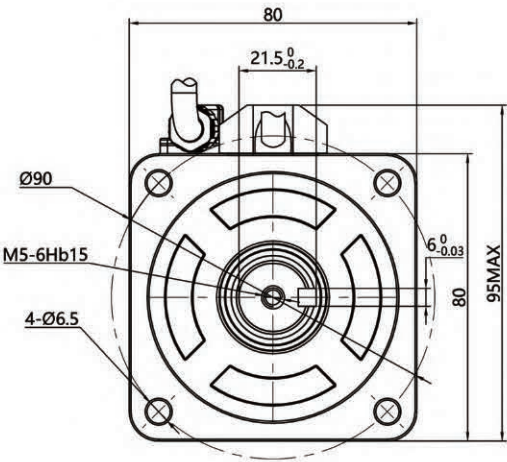
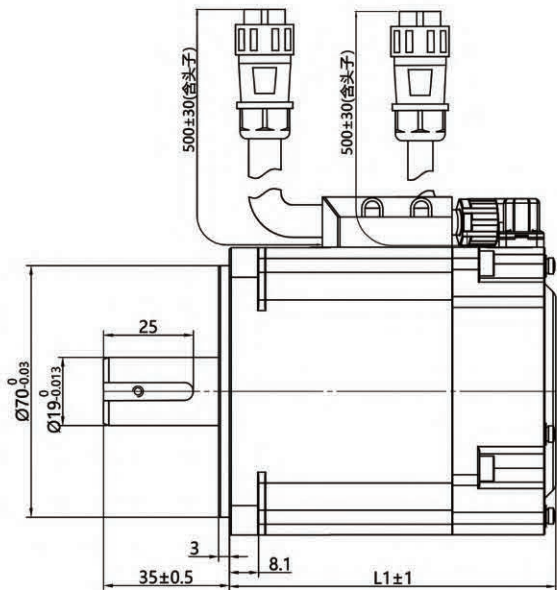
Performance Data

Part Number	Units	80S02430L5XMQD-00	80S03230L5XMQD-00
Base Size	mm	80	80
Phase	/	3	3
Pole	/	10	10
Rated Voltage	V	48	48
Rated Power	W	750	1000
Holding Torque	N.m	2.39	3.19
Rated Speed	rpm	3000	3000
Current	A	19	28
Maximum Speed	rpm	3500	4000
Peak Torque	N.m	7.17	9.56
Peak Current	A	59	87
BEMF	V/Krpm	8.6	7.4
Torque Constant	N.m/A	0.126	0.11
Rotor Inertia	x10 ⁻⁴ kg.m ²	1.5	2
Encoder Type	/		

B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	90.9	103.9
Front axle length	mm	35	35
Front axle diameter	mm	19	19
Insulation Class	/	F (155°C)	F (155°C)
Protection level	/	IP65	IP65
Weight	kg	2.27	2.95

Dimensions in mm



功率	750W	1000W
L1	90.9mm	103.9mm

80SL Series (Low Voltage With Brake)



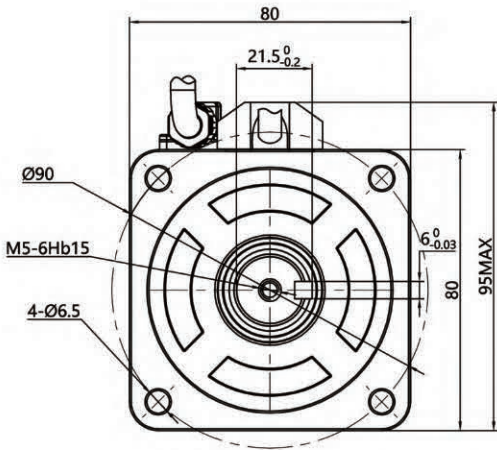
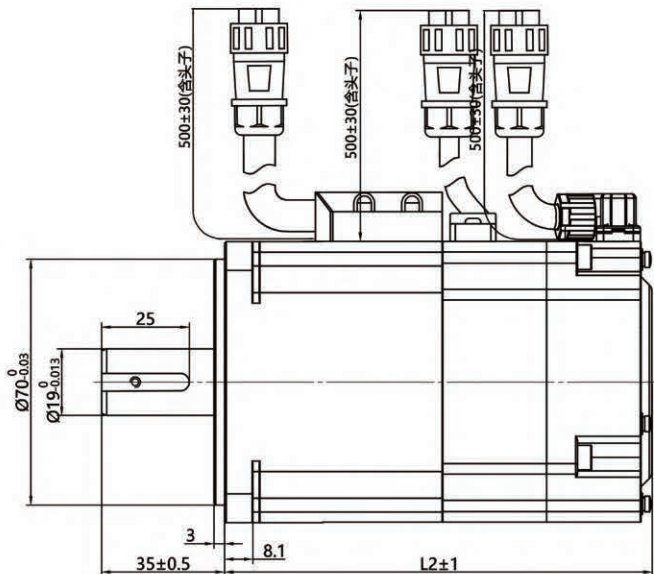
Performance Data

Part Number	Units	80S02430L5XLQD-00	80S03230L5XLQD-00
Base Size	mm	80	80
Phase	/	3	3
Pole	/	10	10
Rated Voltage	V	48	48
Rated Power	W	750	1000
Holding Torque	N.m	2.39	3.19
Rated Speed	rpm	3000	3000
Current	A	19	28
Maximum Speed	rpm	3500	4000
Peak Torque	N.m	7.17	9.56
Peak Current	A	59	87
BEMF	V/Krpm	8.6	7.4
Torque Constant	N.m/A	0.126	0.11
Rotor Inetia	x10 ⁻⁴ kg.m ²	1.65	2.15
Encoder Type	/		

B: 2500-line Optical
F: 2500-line Magnetic
J: 17-bit Magnetic
E: 23-bit Optical

Length	mm	121.9	134.9
Front axle length	mm	35	35
Front axle diameter	mm	19	19
Insulation Class	/	F (155°C)	F (155°C)
Protection level	/	IP65	IP65
Weight	kg	2.9	3.6

Dimensions in mm



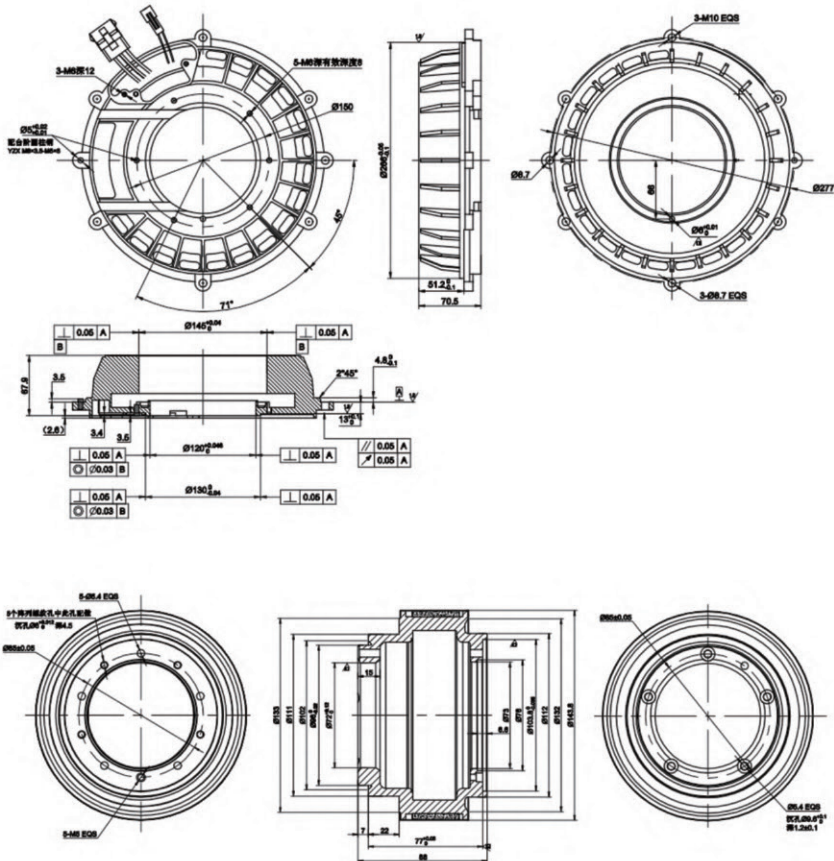
功率	750W	1000W
L2	121.9mm	134.9mm



Performance Data 性能参数

Part Number	Units	210S38005A3
Base Size	mm	/
Phase	/	3
Pole	/	20
Rated Voltage	V	220
Rated Power	W	2000
Holding Torque	N.m	38
Rated Speed	rpm	500
Current	A	7.9
Maximum Speed	rpm	680
Peak Torque	N.m	76
Peak Current	A	15.8
BEMF	V/Krpm	320
Torque Constant	N.m/A	5.29
Rotor Inertia	x10 ⁻⁴ kg.m ²	350
Encoder Type	/	旋转变压器
Length	mm	/
Front axle length	mm	/
Front axle diameter	mm	/
Insulation Class	/	F (155°C)
Protection level	/	IP00
Weight	kg	9

Dimensions in mm





CERTIFICATE



NEXTGEN(VIETNAM) MOTION TECHNOLOGIES CO.,LTD

ADD: street 6, Ho Nai industrial Park, Phase 2, Phuoc Tan Ward, Dong Nai City, Vietnam.

TEL: +84-967139928

RAYSHINEINTELLIGENT TRANSMISSION VIETNAM COMPANY LIMITED

ADD: Sabay Building, Floor L, no 77 Le Trung Nghia Street, Bay Hien Ward, Ho Chi Minh City.

TEL: +84-389161278

Rayshine (USA) Intelligent Transmission LLC

ADD: 1751 Stebbins Dr, Houston, TX 77043, USA.

TEL: +1 346 598 3189

Contact us!

E-Mail: info@rayshinegroup.com