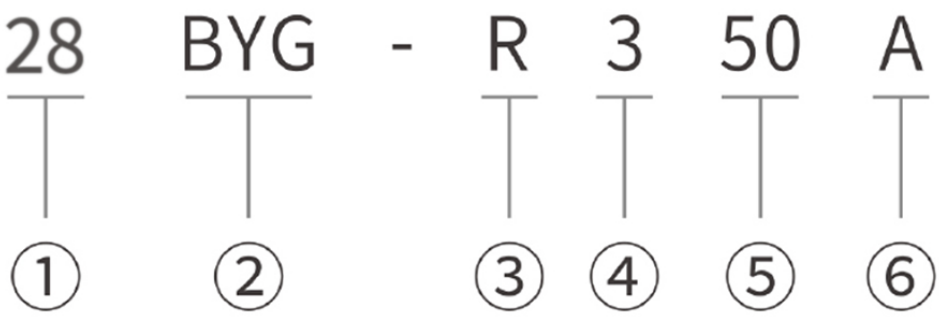
Wheatstone

Radiation-Resistant/Vacuum Motor Selection Guide

JIANGSU WHEATSTONE ELECTRICALTECHNOLIGY CO.,LTD

Motors can be customized to meet customer requirements

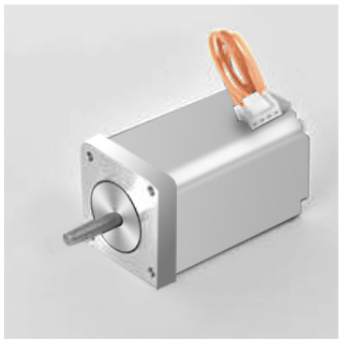
型号命名规则
NAMING RULES



代号说明
CODE DESCRIPTION

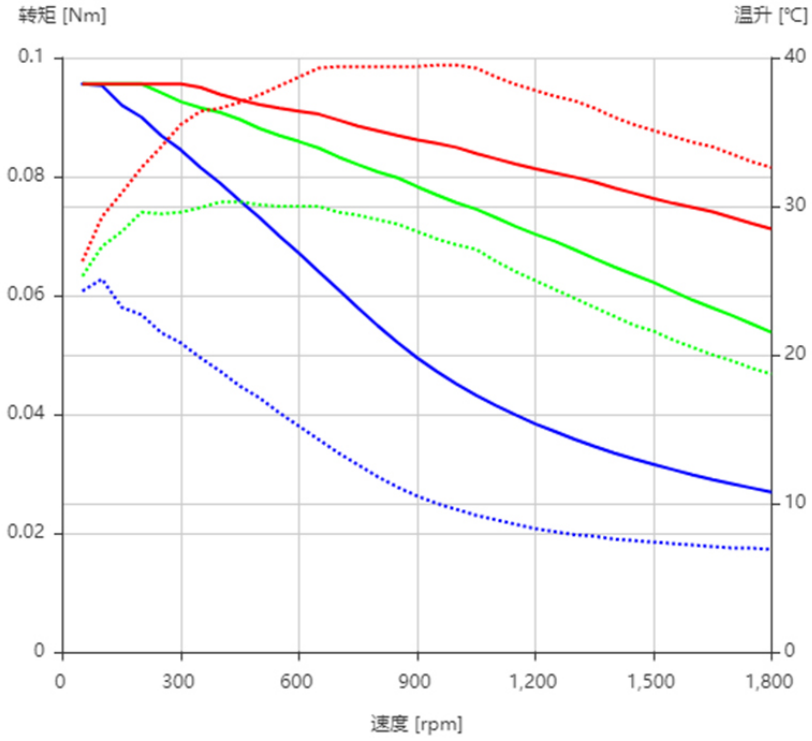
①	Frame Size、Outside diameter of motor	unit：mm
②	Motor type	Hybrid stepper motors
③	Extension Code	R indicates radiation-resistant type, default indicates normal type
④	Motor phases	2 for 2-phase, 3 for 3-phase, 5 for 5-phase
⑤	Number of motor rotor slots	The number of slots on the motor rotor
⑥	Length of motor body	Use letters A, B, C ..... to indicate
⑦	Custom feature	Custom code

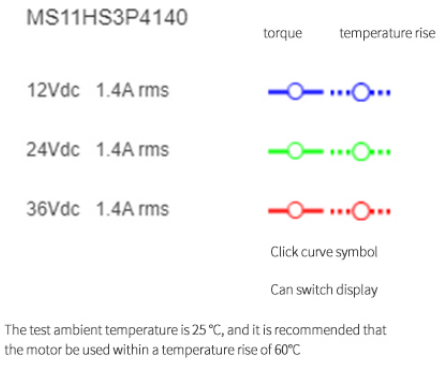
28BYG系列
28BYG SERIES SPECIFICATIONS



大力矩 HIGH TORQUE
低噪音 LOW NOISE
可定制 CUSTOM MOTOR
步距角度 STEP ANGLE:1.8°
机座尺寸 MOTOR FRAME SIZE:28 X 28MM

型号 MODEL	保持转矩 HOLDING TORQUE		额定电流 RATED CURRENT	相电阻 RESISTANCE	相电感 INDUCTANCE	引线数 LEAD WIRES	转动惯量 ROTOR INERTIA		重量 MASS	厚度 L
	N.m	oz-in	A/PHASE	Ω/PHASE	MH/PHASE	(PINS)	g.cm2	oz-in²	KG(LB)	MM(INCH)
28BYGR250A	0.06	9.5	0.6	6.7	5.0	4	9	0.05	0.1(0.22)	30.1(1.18)
28BYGR250B			1.0	2.4	1.8					
28BYGR250C	0.11	16	0.6	9.3	7.5		12	0.07	0.15(0.33)	39.2(1.54)
28BYGR350A			1.0	3.3	2.7					
28BYGR350B	0.17	24.3	0.6	12.5	11.0		18	0.10	0.2(0.44)	50.4(1.99)
28BYGR350C			1.0	4.4	4					





The test ambient temperature is 25 ℃, and it is recommended that the motor be used within a temperature rise of 60℃

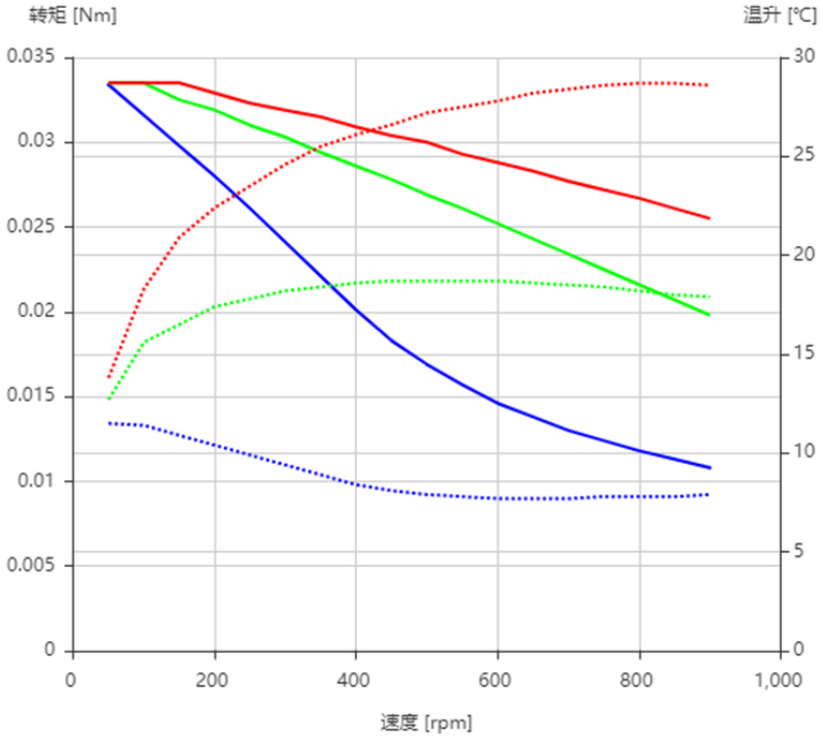
35BYG系列

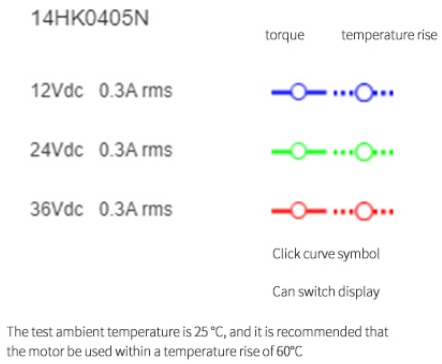
35BYG SERIES SPECIFICATIONS



大力矩 HIGH TORQUE
低噪音 LOW NOISE
可定制 CUSTOM MOTOR
相数 PHASE：2
步距角度 STEP ANGLE:1.8°
机座尺寸 MOTOR FRAME SIZE:35 X 35MM

型号 MODEL	保持转矩 HOLDING TORQUE		额定电流 RATED CURRENT	相电阻 RESISTANCE	相电感 INDUCTANCE	引线数 LEAD WIRES	转动惯量 ROTOR INERTIA		重量 MASS	厚度 L
	N.m	oz-in	A/PHASE	Ω/PHASE	MH/PHASE	(PINS)	g.cm2	oz-in²	KG(LB)	MM(INCH)
35BYGR250A	0.09	13.3	0.95	3.3	3.7	4	12	0.07	0.16(0.35)	26.5(1.04)
35BYGR250B			0.56	9.3	10.4					
35BYGR350A	0.17	24.3	0.95	4.8	8		20	0.11	0.2(0.44)	36.5(1.44)
35BYGR350B			0.56	13.6	24.4					





The test ambient temperature is 25 ℃, and it is recommended that the motor be used within a temperature rise of 60℃

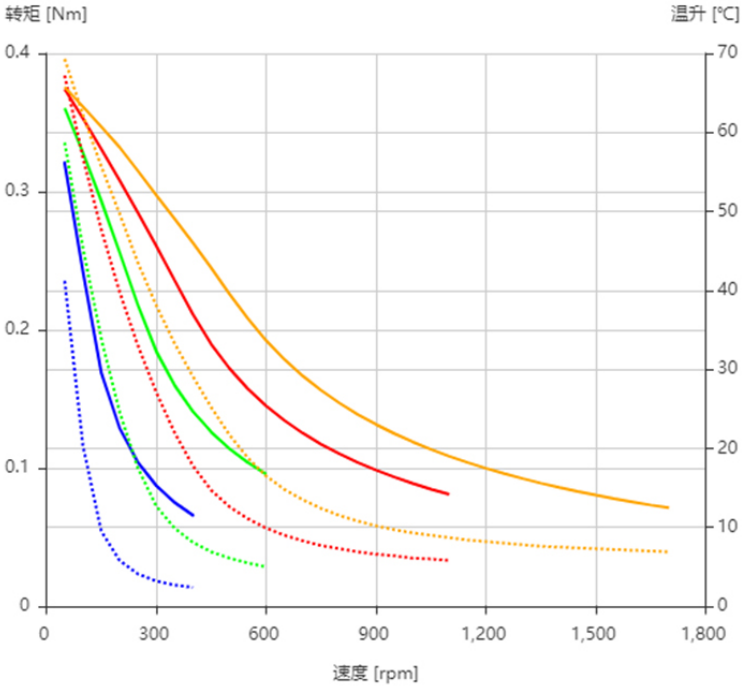
42BYG系列

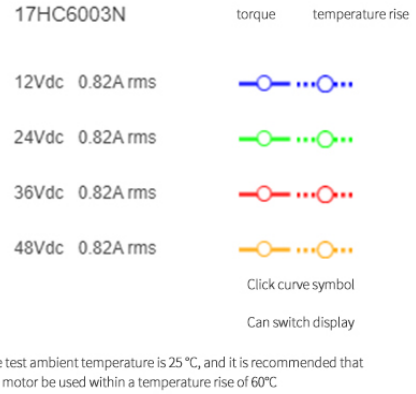
42BYG SERIES SPECIFICATIONS

大力矩 HIGH TORQUE
低噪音 LOW NOISE
可定制 CUSTOM MOTOR
相数 PHASE：2
步距角度 STEP ANGLE:1.8°
机座尺寸 MOTOR FRAME SIZE:42 X 42MM



型号 MODEL	保持转矩 HOLDING TORQUE		额定电流 RATED CURRENT	相电阻 RESISTANCE	相电感 INDUCTANCE	引线数 LEAD WIRES	转动惯量 ROTOR INERTIA		重量 MASS	厚度 L
	N.m	oz-in	A/PHASE	Ω/PHASE	MH/PHASE	(PINS)	g.cm2	oz-in²	KG(LB)	MM(INCH)
42BYGR250A	0.29	42	1.4	2.3	3.8	4	36	0.20	0.22(0.49)	33.5(1.32)
42BYGR250B			1.0	4.7	7.7					
42BYGR250C			0.7	9.0	15					
42BYGR250D			0.5	18.6	30					
42BYGR350A	0.44	62	1.7	2.1	4		55	0.30	0.28(0.62)	39.5(1.56)
42BYGR350B			1.2	3.9	7.8					
42BYGR350C			0.85	7.9	16					
42BYGR350D			0.6	15.5	31					
42BYGR450A	0.57	81	1.96	1.9	4		73	0.40	0.35(0.77)	47.5(1.87)
42BYGR450B			1.4	3.5	7.4					
42BYGR450C			1	7.2	15					
42BYGR450D			0.7	13.8	29					
42BYGR550A	0.85	120	2.3	1.6	4		110	0.60	0.47(1.04)	59.5(2.34)
42BYGR550B			1.65	3.3	7.7					
42BYGR550C			1.15	6.4	15					
42BYGR550D			0.82	12.9	30					





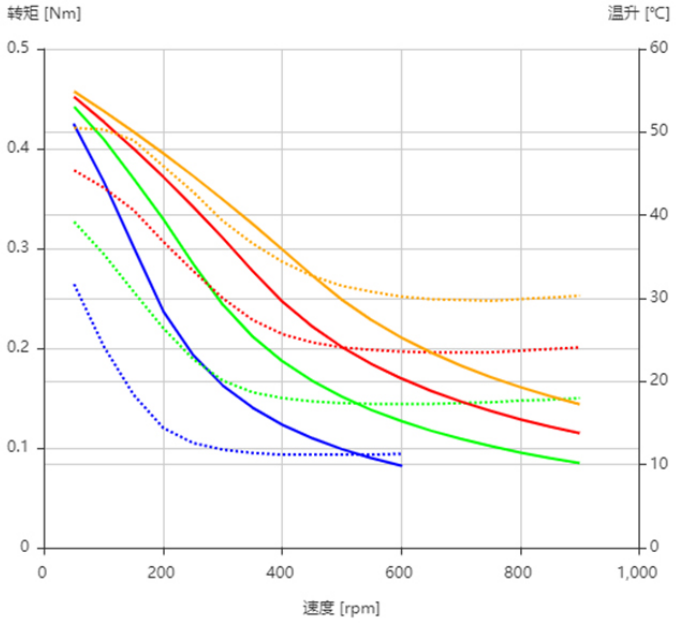
The test ambient temperature is 25 ℃, and it is recommended that the motor be used within a temperature rise of 60℃

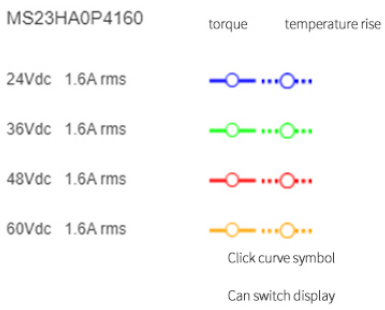
57BYG系列
57BYG SERIES SPECIFICATIONS

大力矩 HIGH TORQUE
低噪音 LOW NOISE
可定制 CUSTOM MOTOR
相数 PHASE：2
步距角度 STEP ANGLE:1.8°
机座尺寸 MOTOR FRAME SIZE:57 X 57MM



型号 MODEL	保持转矩 HOLDING TORQUE		额定电流 RATED CURRENT	相电阻 RESISTANCE	相电感 INDUCTANCE	引线数 LEAD WIRES	转动惯量 ROTOR INERTIA		重量 MASS	厚度 L
	N.m	oz-in	A/PHASE	Ω/PHASE	MH/PHASE	(PINS)	g.cm2	oz-in²	KG(LB)	MM(INCH)
57BYGR250A	0.61	86	2.4	1.2	2.4	4	120	0.66	0.44(0.97)	40.5(1.59)
57BYGR250B			1.7	2.2	4.9					
57BYGR250C			1.2	4.4	9.7					
57BYGR250D			0.85	8.7	19.2					
57BYGR350A	1.2	175	3.5	0.8	2.4		260	1.42	0.67(1.48)	53.5(2.1)
57BYGR350B			2.5	1.5	4.7					
57BYGR350C			1.75	3	10.3					
57BYGR350D			1.25	5.7	18.6					
57BYGR450A	2.2	310	4.4	0.76	2.5		450	2.46	1.04(2.29)	75.5(2.97)
57BYGR450B			3.1	1.4	5					
57BYGR450C			2.2	2.8	10					
57BYGR450D			1.6	5.4	19.6					
57BYGR550A	2.4	336	4.4	0.81	3		520	2.84	1.14(2.51)	81.5(3.21)
57BYGR550B			2.2	3.1	11.8					
57BYGR550C	2.9	417	4.4	0.95	3.7		680	3.72	1.46(3.22)	99.5(3.92)
57BYGR550D			3.1	1.90	7.3					
57BYGR650A	3.4	473	4.0	1.16	4.5		810	4.43	1.68(3.7)	109(4.29)
57BYGR650B			3.1	1.87	7.3					





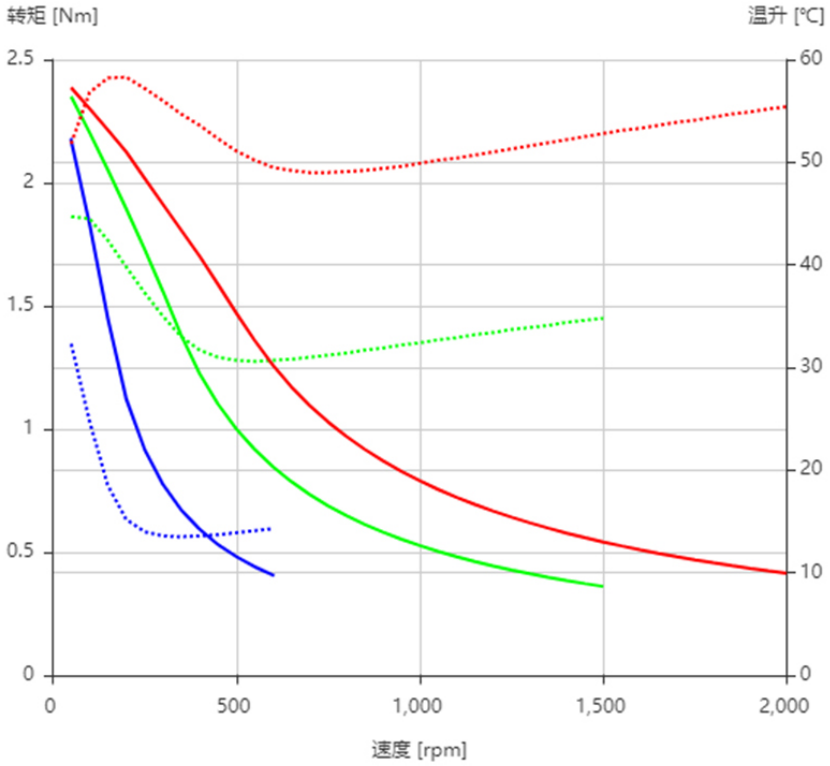
The test ambient temperature is 25 °C, and it is recommended that the motor be used within a temperature rise of 60°C

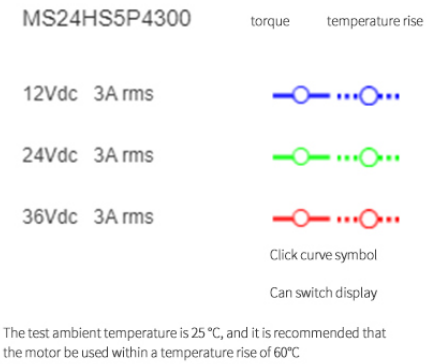
60BYG系列
60BYG SERIES SPECIFICATIONS



大力矩 HIGH TORQUE
低噪音 LOW NOISE
可定制 CUSTOM MOTOR
步距角度 STEP ANGLE:1.8°
机座尺寸 MOTOR FRAME SIZE:60 X 60MM

型号 MODEL	保持转矩 HOLDING TORQUE		额定电流 RATED CURRENT	相电阻 RESISTANCE	相电感 INDUCTANCE	引线数 LEAD WIRES	转动惯量 ROTOR INERTIA		重量 MASS	厚度 L
	N.m	oz-in	A/PHASE	Ω/PHASE	MH/PHASE	(PINS)	g.cm2	oz-in²	KG(LB)	MM(INCH)
60BYGR250A	0.95	135	2.8	1.0	2.6	4	280	1.53	0.6(1.32)	44.5(1.75)
60BYGR250B			4.0	0.5	1.3					
60BYGR250C	1.1	162	2.8	1.2	3.6		450	2.46	0.83(1.83)	54.5(2.15)
60BYGR250D			4.0	0.6	1.8					
60BYGR350A	1.84	262	2.8	1.42	5.2		560	3.06	1.0(2.2)	65.5(2.58)
60BYGR350B			4.0	0.72	2.6					
60BYGR350C	2.9	417	2.8	1.84	7		900	4.92	1.3(2.87)	85.5(3.37)
60BYGR350D			4.0	0.93	3.5					
60BYGR450A	3.4	486	2.8	2.1	7.8		1130	6.18	1.7(3.75)	101.5(4.0)
60BYGR450B			4.0	1.07	3.95					

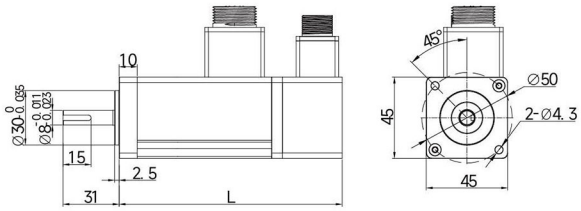


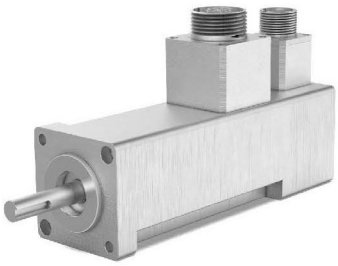


The test ambient temperature is 25 °C, and it is recommended that the motor be used within a temperature rise of 60°C

40ST系列

40ST SERIES SPECIFICATIONS





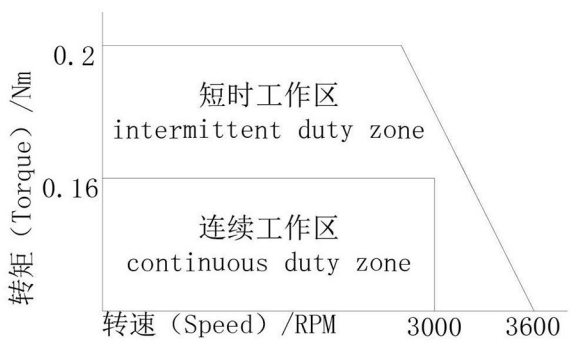
Motor Type	L(mm)	XXV(Voltage)
40ST-□00230-F-XXV	109	DC24,48,72, AC220.380
40ST-□00330-F-XXV	119	DC24,48,72, AC220.380
40ST-□00230B-F-XXV	139	DC24,48,72, AC220.380
40ST-□00330B-F-XXV	149	DC24,48,72, AC220.380

Other speed voltages can be customized

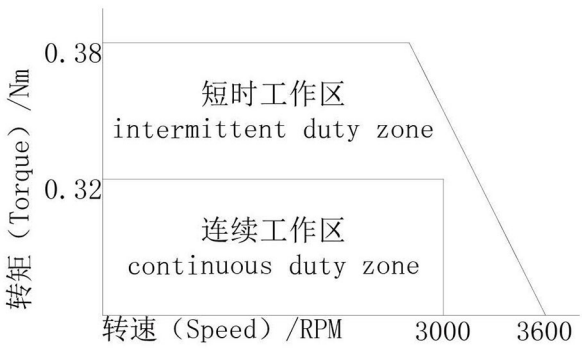
Motor Parameters	DC24V		DC48V	
Motor Type	40ST-□00230-F-24V	40ST-□00330-F-24V	40ST-□00230-F-48V	40ST-□00330-F-48V
Rated Power(W)	50	100	50	100
Rated Current(A)	2.6	5.2	1.3	2.6
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	4000	4000	4000	4000
Rated Torque(Nm)	0.16	0.32	0.16	0.32
Peak Torque(Nm)	0.48	0.96	0.48	0.96
Motor Inertia(kg.cm²)	46	80	46	80
Mechanical time constant(ms)	5	6	5	6

Motor Parameters	DC72V		AC220V	
Motor Type	40ST-□00230-F-72V	40ST-□00330-F-72V	40ST-□00230-F	40ST-□00330-F
Rated Power(W)	50	100	50	100
Rated Current(A)	0.9	1.7	0.69	1.27
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	4000	4000	4000	4000
Rated Torque(Nm)	0.16	0.32	0.16	0.32
Peak Torque(Nm)	0.48	0.96	0.48	0.96
Motor Inertia(kg.cm²)	46	80	46	80
Mechanical time constant(ms)	5	6	5	6

Torque and speed characteristic curve

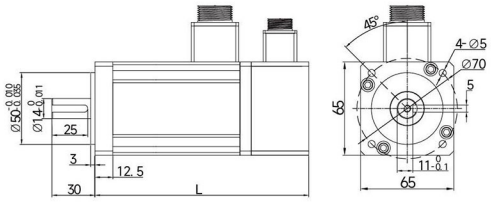


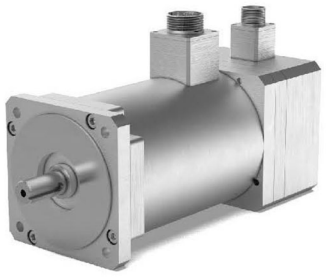
40ST-□00230-EX-XXV



40ST-□00330-EX-XXV

60ST系列
60ST SERIES SPECIFICATIONS





Motor Type	L(mm)	XXV(Voltage)
60ST-□00630-F-XXV	167.5	DC24,48,72, AC220
60ST-□00630B-F-XXV	202.5	DC24,48,72, AC220
60ST-□01330-F-XXV	167.5	DC24,48,72, AC220
60ST-□01330B-F-XXV	202.5	DC24,48,72, AC220
60ST-□02030-F-XXV	187.5	DC24,48,72, AC220
60ST-□02030B-F-XXV	222.5	DC24,48,72, AC220

Other speed voltages can be customized

Motor Parameters	DC24V		
Motor Type	60ST-□00630-F-24V	60ST-□01330-F-24V	60ST-□02030-F-24V
Rated Power(W)	0.2	0.4	0.6
Rated Current(A)	11.1	22.2	33.3
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	0.6	1.3	2
Peak Torque(Nm)	1.8	3.9	6
Motor Inertia(kg.cm^2)	0.33	0.5	0.66

Motor Parameters	DC48V		
Motor Type	60ST-□00630-F-48V	60ST-□01330-F-48V	60ST-□02030-F-48V
Rated Power(W)	0.2	0.4	0.6
Rated Current(A)	5.2	10.4	15.6
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	0.6	1.3	2
Peak Torque(Nm)	1.8	3.9	6
Motor Inertia(kg.cm^2)	0.33	0.5	0.66

Motor Parameters	DC72V		
Motor Type	60ST-□00630-F-72V	60ST-□01330-F-72V	60ST-□02030-F-72V
Rated Power(W)	0.2	0.4	0.6
Rated Current(A)	3.5	6.9	10.4
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	0.6	1.3	2
Peak Torque(Nm)	1.8	3.9	6
Motor Inertia(kg.cm^2)	0.33	0.5	0.66

60ST系列
60ST SERIES SPECIFICATIONS

Motor Parameters	AC220V		
Motor Type	60ST-□00630-F	60ST-□01330-F	60ST-□02030-F
Rated Power(W)	0.2	0.4	0.6
Rated Current(A)	1.3	2.4	3.8
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	0.6	1.3	2
Peak Torque(Nm)	1.8	3.9	6
Motor Inertia(kg.cm²)	0.33	0.5	0.66

Torque and speed characteristic curve



60ST-□00630-EX-XXV

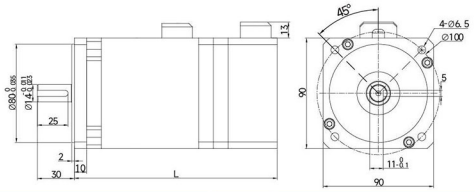


60ST-□01330-EX-XXV



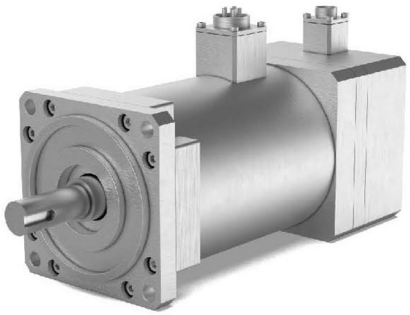
60ST-□02030-EX-XXV

80ST系列
80ST SERIES SPECIFICATIONS



Motor Type	L(mm)	XXV(Voltage)
80ST-□ 00630-F-XXV	123	DC24,48,72,AC220
80ST-□ 00630B-F-XXV	153	DC24,48,72,AC220
80ST-□ 01330-F-XXV	129	DC24,48,72,AC220
80ST-□ 01330B-F-XXV	159	DC24,48,72,AC220
80ST-□ 02430-F-XXV	157	DC48,72,AC220
80ST-□ 02430B-F-XXV	187	DC48,72,AC220
80ST-□ 03330-F-XXV	191	DC48,72,AC220
80ST-□ 03330B-F-XXV	221	DC48,72,AC220

Other speed voltages can be customized



Motor Parameters	DC24V	
Motor Type	80ST-□00630-F-24V	80ST-□01330-F-24V
Rated Power(W)	0.2	0.4
Rated Current(A)	10.4	20.8
Rated Speed(rpm)	3000	3000
Peak Speed(rpm)	3600	3600
Rated Torque(Nm)	0.6	1.3
Peak Torque(Nm)	1.8	3.9
Motor Inertia(kg.cm²)	0.3	0.6

Motor Parameters	DC48V			
Motor Type	80ST-□00630-F-48V	80ST-□01330-F-48V	80ST-□02430-F-48V	80ST-□03330-F-48V
Rated Power(W)	0.2	0.4	0.75	1
Rated Current(A)	4.9	9.8	18.4	24.5
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600
Rated Torque(Nm)	0.6	1.3	2.4	2.4
Peak Torque(Nm)	1.8	3.9	7.2	7.2
Motor Inertia(kg.cm²)	0.3	0.6	0.9	0.9

Motor Parameters	DC72V			
Motor Type	80ST-□00630-F-72V	80ST-□01330-F-72V	80ST-□02430-F-72V	80ST-□03330-F-72V
Rated Power(W)	0.2	0.4	0.75	1
Rated Current(A)	3.3	6.5	12.3	16.3
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600
Rated Torque(Nm)	0.6	1.3	2.4	2.4
Peak Torque(Nm)	1.8	3.9	7.2	7.2
Motor Inertia(kg.cm²)	0.3	0.6	0.9	0.9

80ST系列
80ST SERIES SPECIFICATIONS

Motor Parameters	AC220V			
Motor Type	80ST-□00630-F	80ST-□01330-F	80ST-□02430-F	80ST-□03330-F
Rated Power(W)	0.2	0.4	0.75	1
Rated Current(A)	1.1	2.1	3.8	4.5
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600
Rated Torque(Nm)	0.6	1.3	2.4	2.4
Peak Torque(Nm)	1.8	3.9	7.2	7.2
Motor Inertia(kg.cm²)	0.3	0.6	0.9	0.9

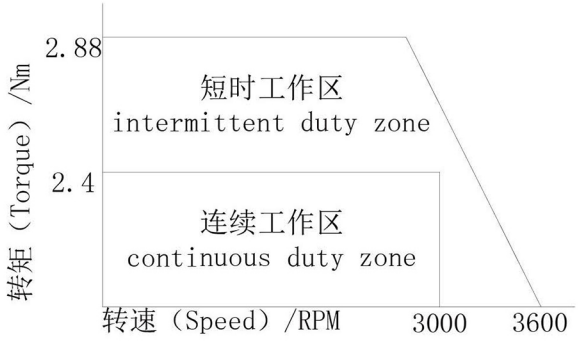
Torque and speed characteristic curve



90ST-□00630-EX-XXV



90ST-□01330-EX-XXV



90ST-□02430-EX-XXV



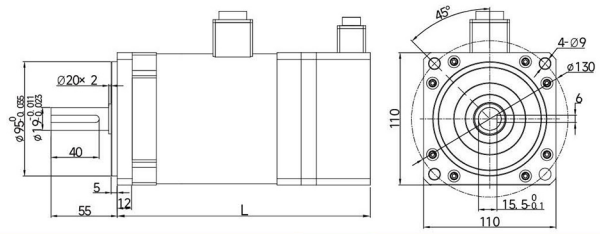
90ST-□05030-XXV

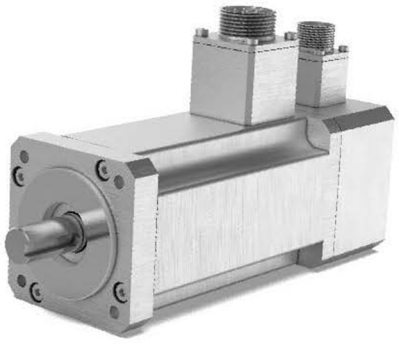


90ST-□03530-XXV

110ST系列

110ST SERIES SPECIFICATIONS





Motor Type	L(mm)	XXV(Voltage)
110ST-□ 02030-F-XXV	215	DC24,48,72,AC220,380
110ST-□ 02030B-F-XXV	250	DC24,48,72,AC220,380
110ST-□ 04030-F-XXV	240	DC24,48,72,AC220,380
110ST-□ 04030B-F-XXV	275	DC24,48,72,AC220,380
110ST-□ 06030-F-XXV	270	DC24,48,72,AC220,380
110ST-□ 06030B-F-XXV	305	DC24,48,72,AC220,380

Other speed voltages can be customized

Motor Parameters	DC24V		
Motor Type	110ST-□02030-F-24V	110ST-□04030-F-24V	110ST-□06030-F-24V
Rated Power(W)	0.6	1.2	1.2
Rated Current(A)	31.3	62.5	62.5
Rated Speed(rpm)	3000	3000	2000
Peak Speed(rpm)	3600	3600	2400
Rated Torque(Nm)	2	4	6
Peak Torque(Nm)	6	12	18
Motor Inertia(kg.cm²)	3.1	5.4	7.6

Motor Parameters	DC48V		
Motor Type	110ST-□02030-F-48V	110ST-□04030-F-48V	110ST-□06030-F-48V
Rated Power(W)	0.6	1.2	1.8
Rated Current(A)	14.7	29.4	44.1
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	2	4	6
Peak Torque(Nm)	6	12	18
Motor Inertia(kg.cm²)	3.1	5.4	7.6

Motor Parameters	DC72V		
Motor Type	110ST-□02030-F-72V	110ST-□04030-F-72V	110ST-□06030-F-72V
Rated Power(W)	0.6	1.2	18
Rated Current(A)	9.8	19.6	29.4
Rated Speed(rpm)	3000	3000	2000
Peak Speed(rpm)	3600	3600	2400
Rated Torque(Nm)	2	4	6
Peak Torque(Nm)	6	12	18
Motor Inertia(kg.cm²)	3.1	5.4	7.6

110ST系列
110ST SERIES SPECIFICATIONS

Motor Parameters	AC220V		
Motor Type	110ST-□02030-F	110ST-□04030-F	110ST-□06030-F
Rated Power(W)	0.6	1.2	1.8
Rated Current(A)	3.3	5.3	8.0
Rated Speed(rpm)	3000	3000	2000
Peak Speed(rpm)	3600	3600	2400
Rated Torque(Nm)	2	4	6
Peak Torque(Nm)	6	12	18
Motor Inertia(kg.cm²)	3.1	5.4	7.6

Motor Parameters	AC380V		
Motor Type	110ST-□02030-F-380V	110ST-□04030-F-380V	110ST-□06030-F-380V
Rated Power(W)	0.6	1.2	1.8
Rated Current(A)	1.9	3.0	4.6
Rated Speed(rpm)	3000	3000	2000
Peak Speed(rpm)	3600	3600	2400
Rated Torque(Nm)	2	4	6
Peak Torque(Nm)	6	12	18
Motor Inertia(kg.cm²)	3.1	5.4	7.6

Torque and speed characteristic curve



110ST-□02430-EX-XXV



110ST-□04030-XXV



110ST-□06030-XXV



110ST-□02030-XXV



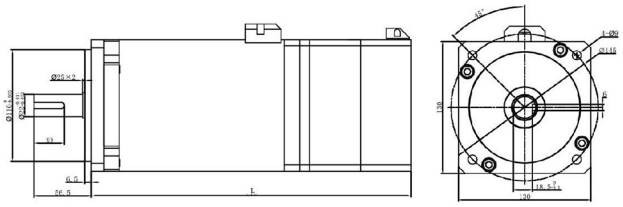
110ST-□10030-XXV

130ST系列
130ST SERIES SPECIFICATIONS

Motor Type	L(mm)	XXV(Voltage)
130ST-□ 02530-F-XXV	199	DC24,48,72,AC220,380
130ST-□ 02530B-F-XXV	249	DC24,48,72,AC220,380
130ST-□ 04030-F-XXV	199	DC24,48,72,AC220,380
130ST-□ 04030B-F-XXV	249	DC24,48,72,AC220,380
130ST-□ 06030-F-XXV	211	DC24,48,72,AC220,380
130ST-□ 06030B-F-XXV	261	DC24,48,72,AC220,380
130ST-□ 07730-F-XXV	226	DC24,48,72,AC220,380
130ST-□ 07730B-F-XXV	276	DC24,48,72,AC220,380
130ST-□10030-F-XXV	260	DC24,48,72,AC220,380
130ST-□10030B-F-XXV	310	DC24,48,72,AC220,380
130ST-□150XX-F-XXV	294	DC48,72,AC220,380
130ST-□150XXB-F-XXV	344	DC48,72,AC220,380

Other speed voltages can be customized





Motor Parameters	DC24V			
Motor Type	130ST-□04030-F-24V	130ST-□06030-F-24V	130ST-□07725-F-24V	130ST-□10025-F-24V
Rated Power(W)	1.2	1.8	2	2.5
Rated Current(A)	62.5	93.8	104.2	130.2
Rated Speed(rpm)	3000	3000	2500	2500
Peak Speed(rpm)	3600	3600	3000	3000
Rated Torque(Nm)	4	6	7.7	10
Peak Torque(Nm)	12	18	23.1	30
Motor Inertia(kg.cm^2)	8.5	12.6	15.3	21.4

Motor Parameters	DC48V			
Motor Type	130ST-□04030-F-48V	130ST-□06030-F-48V	130ST-□07725-F-48V	130ST-□10025-F-48V
Rated Power(W)	1.2	1.8	2.4	3
Rated Current(A)	29.4	44.1	58.8	73.5
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600
Rated Torque(Nm)	4	6	7.7	10
Peak Torque(Nm)	12	18	23.1	30
Motor Inertia(kg.cm^2)	8.5	12.6	15.3	21.4

Motor Parameters	DC72V			
Motor Type	130ST-□04030-F-72V	130ST-□06030-F-72V	130ST-□07725-F-72V	130ST-□10025-F-72V
Rated Power(W)	1.2	1.8	2.4	3
Rated Current(A)	19.6	29.4	39.2	49
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600
Rated Torque(Nm)	4	6	7.7	10
Peak Torque(Nm)	12	18	23.1	30
Motor Inertia(kg.cm^2)	8.5	12.6	15.3	21.4

130ST系列

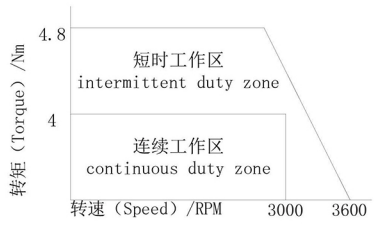
130ST SERIES SPECIFICATIONS

Motor Parameters	AC220V				
Motor Type	130ST-□04030-F	130ST-□06030-F	130ST-□07730-F	130ST-□10030-F	130ST-□15030-F
Rated Power(W)	1.2	1.8	2.4	3	4.5
Rated Current(A)	5.3	8.0	10.6	13.3	20
Rated Speed(rpm)	3000	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600	3600
Rated Torque(Nm)	4	6	7.7	10	15
Peak Torque(Nm)	12	18	23.1	30	45
Motor Inertia(kg.cm^2)	8.5	12.6	15.3	21.4	27.7

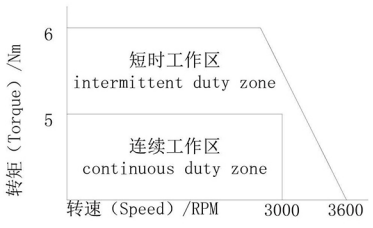
Motor Parameters	AC380V		
Motor Type	130ST-□04030-F-380V	130ST-□06030-F-380V	130ST-□07730-F-380V
Rated Power(W)	1.2	1.8	2.4
Rated Current(A)	3.1	4.6	6.1
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	4	6	7.7
Peak Torque(Nm)	12	18	23.1
Motor Inertia(kg.cm^2)	8.5	12.6	15.3

Motor Parameters	AC380V	
Motor Type	130ST-□10030-F-380V	130ST-□15030-F-380V
Rated Power(W)	3	4.5
Rated Current(A)	7.6	11.5
Rated Speed(rpm)	3000	3000
Peak Speed(rpm)	3600	3600
Rated Torque(Nm)	10	15
Peak Torque(Nm)	30	45
Motor Inertia(kg.cm^2)	21.4	27.7

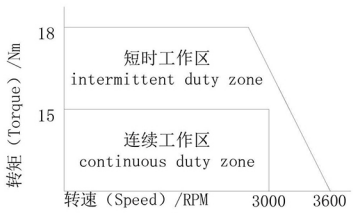
Torque and speed characteristic curve



130ST-□04030-XXV



130ST-□05030-XXV



130ST-□15030-XXV



130ST-□06030-XXV



130ST-□07730-XXV



130ST-□10030-XXV

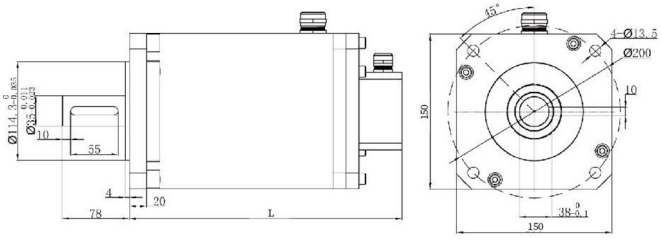
150ST系列
150ST SERIES SPECIFICATIONS

Motor Type	L(mm)	XXV(Voltage)	Motor Type	L(mm)	XXV(Voltage)
150ST-□ 100XX-F-XXV	247	DC24,48,72,96,AC220,380	150ST-□ 100XX-F-XXXV	222	DC48,72,96,AC220,380
150ST-□ 100XXB-F-XXV	287	DC24,48,72,96,AC220,380	150ST-□ 100XXB-F-XXXV	257	DC48,72,96,AC220,380
150ST-□ 120XX-F-XXV	257	DC48,72,96,AC220,380	150ST-□ 120XX-F-XXXV	232	DC48,72,96,AC220,380
150ST-□ 120XXB-F-XXV	297	DC48,72,96,AC220,380	150ST-□ 120XXB-F-XXXV	267	DC48,72,96,AC220,380
150ST-□ 150XX-F-XXV	278	DC48,72,96,AC220,380	150ST-□ 150XX-F-XXXV	247	DC48,72,96,AC220,380
150ST-□ 150XXB-F-XXV	312	DC48,72,96,AC220,380	150ST-□ 150XXB-F-XXXV	282	DC48,72,96,AC220,380
150ST-□ 190XX-F-XXV	297	DC48,72,96,AC220,380	150ST-□ 190XX-F-XXXV	272	DC48,72,96,AC220,380
150ST-□ 190XXB-F-XXV	337	DC48,72,96,AC220,380	150ST-□ 190XXB-F-XXXV	307	DC48,72,96,AC220,380
150ST-□ 240XX-F-XXV	322	DC48,72,96,AC220,380	150ST-□ 240XX-F-XXXV	297	DC48,72,96,AC220,380
150ST-□ 240XXB-F-XXV	362	DC48,72,96,AC220,380	150ST-□ 240XXB-F-XXXV	332	DC48,72,96,AC220,380
150ST-□ 280XX-F-XXV	347	DC48,72,96,AC220,380	150ST-□ 280XX-F-XXXV	322	DC48,72,96,AC220,380
150ST-□ 280XXB-F-XXV	387	DC48,72,96,AC220,380	150ST-□ 280XXB-F-XXXV	357	DC48,72,96,AC220,380

Other speed voltages can be customized



Motor Parameters	DC24V
Motor Type	150ST-□10030-F-24V
Rated Power(W)	3
Rated Current(A)	147.1
Rated Speed(rpm)	3000
Peak Speed(rpm)	3600
Rated Torque(Nm)	10
Peak Torque(Nm)	30
Motor Inertia(kg.cm²)	24.4



Motor Parameters	DC48V		
Motor Type	150ST-□10030-F-48V	150ST-□12030-F-48V	150ST-□15030-F-48V
Rated Power(W)	3	3.7	4.5
Rated Current(A)	73.5	90.7	110.3
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	10	12	15
Peak Torque(Nm)	30	36	45
Motor Inertia(kg.cm²)	24.4	29.3	36.6
Motor Type	150ST-□19030-F-48V	150ST-□24025-F-48V	150ST-□28030-F-48V
Rated Power(W)	6	6.2	8.5
Rated Current(A)	147.1	152.0	208.3
Rated Speed(rpm)	3000	2500	3000
Peak Speed(rpm)	3600	3000	3600
Rated Torque(Nm)	19	24	28
Peak Torque(Nm)	57	72	84
Motor Inertia(kg.cm²)	48.7	61	73.2

150ST系列
150ST SERIES SPECIFICATIONS

Motor Parameters	DC72V		
Motor Type	150ST-□10030-F-72V	150ST-□12030-F-72V	150ST-□15030-F-72V
Rated Power(W)	3	3.7	4.5
Rated Current(A)	49.0	60.5	73.5
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	10	12	15
Peak Torque(Nm)	30	36	45
Motor Inertia(kg.cm^2)	24.4	29.3	36.6
Motor Type	150ST-□19030-F-72V	150ST-□24030-F-72V	150ST-□28030-F-72V
Rated Power(W)	6	7.5	8.5
Rated Current(A)	98.0	122.5	138.9
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	19	24	28
Peak Torque(Nm)	57	72	84
Motor Inertia(kg.cm^2)	48.7	61	73.2

Motor Parameters	DC96V		
Motor Type	150ST-□10030-F-96V	150ST-□12030-F-96V	150ST-□15030-F-96V
Rated Power(W)	3	3.7	4.5
Rated Current(A)	36.8	45.3	55.1
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	10	12	15
Peak Torque(Nm)	30	36	45
Motor Inertia(kg.cm^2)	24.4	29.3	36.6
Motor Type	150ST-□19030-F-96V	150ST-□24030-F-96V	150ST-□28030-F-96V
Rated Power(W)	6	7.5	8.5
Rated Current(A)	73.5	91.9	104.2
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	19	24	28
Peak Torque(Nm)	57	72	84
Motor Inertia(kg.cm^2)	48.7	61	73.2

150ST系列
150ST SERIES SPECIFICATIONS

Motor Parameters	AC220V		
Motor Type	150ST-□10030-F	150ST-□12030-F	150ST-□15030-F
Rated Power(W)	3	3.7	4.5
Rated Current(A)	13.3	16.4	20
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	10	12	15
Peak Torque(Nm)	30	36	45
Motor Inertia(kg.cm²)	24.4	29.3	36.6
Motor Type	150ST-□19030-F	150ST-□24030-F	150ST-□28030-F
Rated Power(W)	6	7.5	8.5
Rated Current(A)	26.6	33.3	37.7
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	19	24	28
Peak Torque(Nm)	57	72	84
Motor Inertia(kg.cm²)	48.7	61	73.2

Motor Parameters	AC380V		
Motor Type	150ST-□10030-F-380V	150ST-□12030-F-380V	150ST-□15030-F-380V
Rated Power(W)	3	3.7	4.5
Rated Current(A)	7.6	9.4	11.5
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	10	12	15
Peak Torque(Nm)	30	36	45
Motor Inertia(kg.cm²)	24.4	29.3	36.6
Motor Type	150ST-□19030-F-380V	150ST-□24030-F-380V	150ST-□28030-F-380V
Rated Power(W)	6	7.5	8.5
Rated Current(A)	15.3	19.1	21.6
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	19	24	28
Peak Torque(Nm)	57	72	84
Motor Inertia(kg.cm²)	48.7	61	73.2

Torque and speed characteristic curve



150ST-□06030-XXV



150ST-□10030-XXV

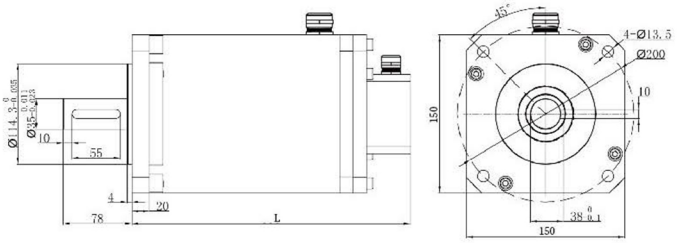
180ST系列

180ST SERIES SPECIFICATIONS

Motor Type	L(mm)	XXV(Voltage)
180ST-☐ 150XX-F-XXV	299	DC48,72,AC220,380
180ST-☐ 150XXB-F-XXV	399	DC48,72,AC220,380
180ST-☐ 190XX-F-XXV	320	DC48,72,AC220,380
180ST-☐ 190XXB-F-XXV	422	DC48,72,AC220,380
180ST-☐ 250XX-F-XXV	337	DC48,72,AC220,380
180ST-☐ 250XXB-F-XXV	439	DC48,72,AC220,380
180ST-☐ 300XX-F-XXV	354	DC48,72,AC220,380
180ST-☐ 300XXB-F-XXV	456	DC48,72,AC220,380
180ST-☐ 360XX-F-XXV	375	DC48,72,AC220,380
180ST-☐ 360XXB-F-XXV	477	DC48,72,AC220,380
180ST-☐ 420XX-F-XXV	392	DC48,72,AC220,380
180ST-☐ 420XXB-F-XXV	494	DC48,72,AC220,380
180ST-☐ 500XX-F-XXV	409	DC48,72,AC220,380
180ST-☐ 500XXB-F-XXV	511	DC48,72,AC220,380
180ST-☐ 700XX-F-XXV	447	DC48,72,AC220,380
180ST-☐ 700XXB-F-XXV	549	DC48,72,AC220,380

Other speed voltages can be customized





Motor Parameters	DC 24V			
Motor Type	180ST-☐16030-F-24V	180ST-☐19020-F-24V	180ST-☐25015-F-24V	180ST-☐30010-F-24V
Rated Power(W)	5	4	3.9	3
Rated Current(A)	260	208	203	156
Rated Speed(rpm)	3000	2000	1500	1000
Peak Speed(rpm)	3600	2400	1800	1200
Rated Torque(Nm)	16	19	25	30
Peak Torque(Nm)	40	47.5	62.5	75
Motor Inertia(kg.cm²)	32.6	45	55.1	65.2
Mechanical time constant(ms)	48	50	51	54

Motor Parameters	DC 48V			
Motor Type	180ST-☐16030-F-48V	180ST-☐19030-F-48V	180ST-☐25030-F-48V	180ST-☐30025-F-48V
Rated Power(W)	5	6	7.5	7.5
Rated Current(A)	123	147	184	184
Rated Speed(rpm)	3000	3000	3000	2500
Peak Speed(rpm)	3600	3600	3600	3000
Rated Torque(Nm)	16	19	25	30
Peak Torque(Nm)	40	47.5	62.5	75
Motor Inertia(kg.cm²)	32.6	45	55.1	65.2
Mechanical time constant(ms)	42	43	45	48

Motor Type	180ST-☐36020-F-48V	180ST-☐42020-F-48V	180ST-☐50020-F-48V
Rated Power(W)	7.2	8.5	10
Rated Current(A)	176	208	245
Rated Speed(rpm)	2000	2000	2000
Peak Speed(rpm)	2400	2400	2400
Rated Torque(Nm)	36	42	50
Peak Torque(Nm)	72	84	100
Motor Inertia(kg.cm²)	77.5	87.7	97.8
Mechanical time constant(ms)	50	53	56

180ST系列
180ST SERIES SPECIFICATIONS

Motor Parameters	DC 72V			
Motor Type	180ST-□16030-F-72V	180ST-□19030-F-72V	180ST-□25030-F-72V	180ST-□30030-F-72V
Rated Power(W)	5	6	7.5	9
Rated Current(A)	82	98	123	147
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600
Rated Torque(Nm)	16	19	25	30
Peak Torque(Nm)	40	47.5	62.5	75
Motor Inertia(kg.cm^2)	32.6	45	55.1	62.5
Mechanical time constant(ms)	36	37	38	41

Motor Type	180ST-□36030-F-72V	180ST-□42030-F-72V	180ST-□50030-F-72V
Rated Power(W)	11	13	15
Rated Current(A)	180	212	245
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	36	42	50
Peak Torque(Nm)	72	84	100
Motor Inertia(kg.cm^2)	77.5	87.7	97.8
Mechanical time constant(ms)	43	46	48

Motor Parameters	AC 220V			
Motor Type	180ST-□16030-F	180ST-□19030-F	180ST-□25030-F	180ST-□30030-F
Rated Power(W)	5	6	7.5	9
Rated Current(A)	22	27	33	40
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600
Rated Torque(Nm)	16	19	25	30
Peak Torque(Nm)	40	47.5	62.5	75
Motor Inertia(kg.cm^2)	32.6	45	55.1	66.2
Mechanical time constant(ms)	30	31	32	34

Motor Type	180ST-□36030-F	180ST-□42030-F	180ST-□50030-F
Rated Power(W)	11	13	15
Rated Current(A)	49	58	67
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	36	42	50
Peak Torque(Nm)	72	84	100
Motor Inertia(kg.cm^2)	77.5	87.7	97.8
Mechanical time constant(ms)	36	38	40

180ST系列
180ST SERIES SPECIFICATIONS

Motor Parameters	AC 380V			
Motor Type	180ST-□16030-F-380V	180ST-□19030-F-380V	180ST-□25030-F-380V	180ST-□30030-F-380V
Rated Power(W)	5	6	7.5	9
Rated Current(A)	13	15	19	23
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600
Rated Torque(Nm)	16	19	25	30
Peak Torque(Nm)	40	47.5	62.5	75
Motor Inertia(kg.cm²)	32.6	45	55.1	65.2
Mechanical time constant(ms)	28	29	29	31

Motor Type	180ST-□36030-F-380V	180ST-□42030-F-380V	180ST-□50030-F-380V
Rated Power(W)	11	13	15
Rated Current(A)	28	33	38
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	36	42	50
Peak Torque(Nm)	72	84	100
Motor Inertia(kg.cm²)	77.5	87.7	97.8
Mechanical time constant(ms)	33	35	37

Torque and speed characteristic curve



180ST-□16030-XXV



180ST-□19030B-EX-XXV



180ST-□25030B-EX-XXV



180ST-□30030B-EX-XXV



180ST-□36030-XXV



180ST-□42030B-EX-XXV



180ST-□50030B-EX-XXV



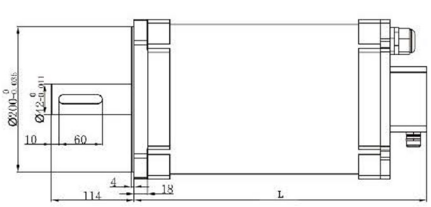
180ST-□60030B-EX-XXV

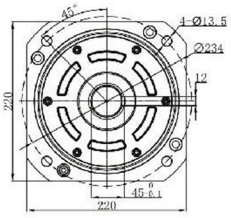
220ST系列
220ST SERIES SPECIFICATIONS

Motor Type	L(mm)	XXV(Voltage)
220ST-□ 400XX-F-XXV	374	DC48,72,96,144,310,540,AC220,380
220ST-□ 400XXB-F-XXV	469	DC48,72,96,144,310,540,AC220,380
220ST-□ 600XX-F-XXV	420	DC48,72,96,144,310,540,AC220,380
220ST-□ 600XXB-F-XXV	519	DC48,72,96,144,310,540,AC220,380
220ST-□ 750XX-F-XXV	454	DC48,72,96,144,310,540,AC220,380
220ST-□ 750XXB-F-XXV	549	DC48,72,96,144,310,540,AC220,380
220ST-□ 850XX-F-XXV	474	DC48,72,96,144,310,540,AC220,380
220ST-□ 850XXB-F-XXV	569	DC48,72,96,144,310,540,AC220,380
220ST-□ 10AXX-F-XXV	524	DC48,72,96,144,310,540,AC220,380
220ST-□ 10AXXB-F-XXV	619	DC48,72,96,144,310,540,AC220,380
220ST-□ 12AXX-F-XXV	574	DC48,72,96,144,310,540,AC220,380
220ST-□ 12AXXB-F-XXV	669	DC48,72,96,144,310,540,AC220,380
220ST-□ 15AXX-F-XXV	624	DC48,72,96,144,310,540,AC220,380
220ST-□ 15AXXB-F-XXV	719	DC48,72,96,144,310,540,AC220,380

Other speed voltages can be customized







Motor Parameters	DC 48V				
Motor Type	220ST-□40030-F-48V	220ST-□60020-F-48V	220ST-□75015-F-48V	220ST-□85015-F-48V	220ST-□10A10-F-48V
Rated Power(W)	12	12	11	13	10
Rated Current(A)	294	294	270	319	245
Rated Speed(rpm)	3000	2000	1500	1500	1000
Peak Speed(rpm)	3600	2400	1800	1800	1200
Rated Torque(Nm)	40	60	75	85	100
Peak Torque(Nm)	80	120	150	170	200
Motor Inertia(kg.cm^2)	98	147	176	196	245

Motor Parameters	DC 72V		
Motor Type	220ST-□40030-F-72V	220ST-□60030-F-72V	220ST-□75025-F-72V
Rated Power(W)	12	18	19
Rated Current(A)	196	294	310
Rated Speed(rpm)	3000	3000	2500
Peak Speed(rpm)	3600	3600	3000
Rated Torque(Nm)	40	60	75
Peak Torque(Nm)	80	120	150
Motor Inertia(kg.cm^2)	98	147	176

Motor Type	220ST-□85025-F-72V	220ST-□10A20-F-72V	220ST-□12A15-F-72V
Rated Power(W)	22	20	18
Rated Current(A)	359	327	294
Rated Speed(rpm)	2500	2000	1500
Peak Speed(rpm)	3000	2400	1800
Rated Torque(Nm)	85	100	120
Peak Torque(Nm)	170	200	240
Motor Inertia(kg.cm^2)	196	245	294

220ST系列
220ST SERIES SPECIFICATIONS

Motor Parameters	DC 96V			
Motor Type	220ST-□40030-F-96V	220ST-□60030-F-96V	220ST-□75030-F-96V	220ST-□85030-F-96V
Rated Power(W)	12	18	23	26
Rated Current(A)	147	221	282	319
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600
Rated Torque(Nm)	40	60	75	85
Peak Torque(Nm)	80	120	150	170
Motor Inertia(kg.cm^2)	98	147	176	196

Motor Parameters	DC 96V		
Motor Type	220ST-□10A25-F-96V	220ST-□12A20-F-96V	220ST-□15A15-F-96V
Rated Power(W)	25	25	23
Rated Current(A)	306	306	282
Rated Speed(rpm)	2500	2000	1500
Peak Speed(rpm)	3000	2400	1800
Rated Torque(Nm)	100	120	150
Peak Torque(Nm)	200	240	300
Motor Inertia(kg.cm^2)	245	294	343

Motor Parameters	DC 144V			
Motor Type	220ST-□40030-F-144V	220ST-□60030-F-144V	220ST-□75030-F-144V	220ST-□85030-F-144V
Rated Power(W)	12	18	23	26
Rated Current(A)	98	147	188	212
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600
Rated Torque(Nm)	40	60	75	85
Peak Torque(Nm)	80	120	150	170
Motor Inertia(kg.cm^2)	98	147	176	196

Motor Parameters	DC 144V		
Motor Type	220ST-□10A30-F-144V	220ST-□12A30-F-144V	220ST-□15A25-F-144V
Rated Power(W)	30	36	39
Rated Current(A)	245	294	319
Rated Speed(rpm)	3000	3000	2500
Peak Speed(rpm)	3600	3600	3000
Rated Torque(Nm)	1200	120	150
Peak Torque(Nm)	200	240	300
Motor Inertia(kg.cm^2)	245	294	343

220ST系列
220ST SERIES SPECIFICATIONS

Motor Parameters	AC 220V/DC 310V			
Motor Type	220ST-□40030-F	220ST-□60030-F	220ST-□75030-F	220ST-□85030-F
Rated Power(W)	12	18	23	26
Rated Current(A)	53	80	102	115
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600
Rated Torque(Nm)	40	60	75	85
Peak Torque(Nm)	80	120	150	170
Motor Inertia(kg.cm²)	98	147	176	196

Motor Parameters	AC 220V/DC 310V		
Motor Type	220ST-□10A30-F	220ST-□12A30-F	220ST-□15A30-F
Rated Power(W)	30	36	45
Rated Current(A)	133	160	200
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	100	120	150
Peak Torque(Nm)	200	240	300
Motor Inertia(kg.cm²)	245	294	343

Motor Parameters	AC 380V/DC 540V			
Motor Type	220ST-□40030-F-380V	220ST-□60030-F-380V	220ST-□75030-F-380V	220ST-□85030-F-380V
Rated Power(W)	12	18	23	26
Rated Current(A)	31	46	59	66
Rated Speed(rpm)	3000	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600	3600
Rated Torque(Nm)	40	60	75	85
Peak Torque(Nm)	80	120	150	170
Motor Inertia(kg.cm²)	98	147	176	196

Motor Parameters	AC 380V/DC 540V		
Motor Type	220ST-□10A30-F-380V	220ST-□12A30-F-380V	220ST-□15A30-F-380V
Rated Power(W)	30	36	45
Rated Current(A)	76	92	115
Rated Speed(rpm)	3000	3000	2500
Peak Speed(rpm)	3600	3600	3000
Rated Torque(Nm)	1200	120	150
Peak Torque(Nm)	200	240	300
Motor Inertia(kg.cm²)	245	294	343

220ST系列
220ST SERIES SPECIFICATIONS

Torque and speed characteristic curve



220ST-□10A30-EX-XXV



220ST-□12A30-EX-XXV



220ST-□15A30-EX-XXV



220ST-□50030B-EX-XXV



220ST-□60030B-EX-XXV



220ST-□70030B-EX-XXV



220ST-□75030B-EX-XXV

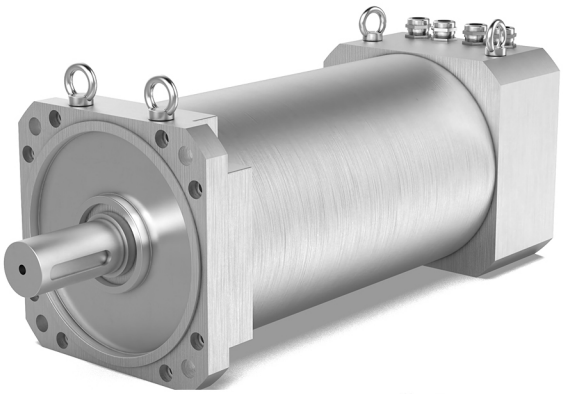


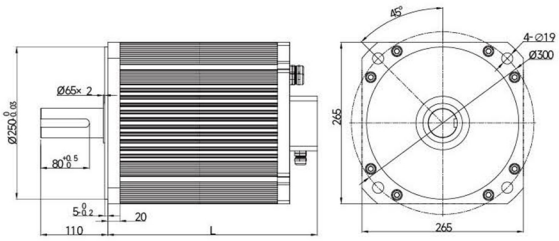
220ST-□80030B-EX-XXV

260ST系列
260ST SERIES SPECIFICATIONS

Motor Type	L(mm)	XXV(Voltage)
260ST-☐ 570XX-F-XXV	432	DC48,72,96,144,310,540,AC220,380
260ST-☐ 570XXB-F-XXV	520	DC48,72,96,144,310,540,AC220,380
260ST-☐ 850XX-F-XXV	482	DC48,72,96,144,310,540,AC220,380
260ST-☐ 850XXB-F-XXV	570	DC48,72,96,144,310,540,AC220,380
260ST-☐ 11AXX-F-XXV	532	DC48,72,96,144,310,540,AC220,380
260ST-☐ 11AXXB-F-XXV	620	DC48,72,96,144,310,540,AC220,380
260ST-☐ 14AXX-F-XXV	582	DC48,72,96,144,310,540,AC220,380
260ST-☐ 14AXXB-F-XXV	670	DC48,72,96,144,310,540,AC220,380
260ST-☐ 17AXX-F-XXV	632	DC48,72,96,144,310,540,AC220,380
260ST-☐ 17AXXB-F-XXV	720	DC48,72,96,144,310,540,AC220,380
260ST-☐ 20AXX-F-XXV	682	DC48,72,96,144,310,540,AC220,380
260ST-☐ 20AXXB-F-XXV	770	DC48,72,96,144,310,540,AC220,380

Other speed voltages can be customized





Motor Parameters	DC 48V			
Motor Type	260ST-☐57030-F-48V	260ST-☐85020-F-48V	260ST-☐11A15-F-48V	260ST-☐14A10-F-48V
Rated Power(W)	18	18	17	15
Rated Current(A)	326	324	315	267
Rated Speed(rpm)	3000	2000	1500	1000
Peak Speed(rpm)	3600	2400	1800	1200
Rated Torque(Nm)	57	85	110	140
Peak Torque(Nm)	143	213	275	350
Motor Inertia(kg.cm²)	640	960	1280	1600

Motor Parameters	DC 72V		
Motor Type	260ST-☐57030-F-72V	260ST-☐85015-F-72V	260ST-☐11A15-F-72V
Rated Power(W)	18	13	17
Rated Current(A)	326	243	315
Rated Speed(rpm)	3000	1500	1500
Peak Speed(rpm)	3600	1800	1800
Rated Torque(Nm)	57	85	110
Peak Torque(Nm)	143	213	275
Motor Inertia(kg.cm²)	640	960	1280

Motor Type	260ST-☐14A10-F-72V	260ST-☐17A10-F-72V
Rated Power(W)	15	18
Rated Current(A)	267	332
Rated Speed(rpm)	1000	1000
Peak Speed(rpm)	1200	1200
Rated Torque(Nm)	140	174
Peak Torque(Nm)	350	435
Motor Inertia(kg.cm²)	1600	1920

260ST系列
260ST SERIES SPECIFICATIONS

Motor Parameters	DC 96V		
Motor Type	260ST-□57030-F-96V	260ST-□85030-F-96V	260ST-□11A20-F-96V
Rated Power(W)	18	27	23
Rated Current(A)	219	327	282
Rated Speed(rpm)	3000	3000	2000
Peak Speed(rpm)	3600	3600	2400
Rated Torque(Nm)	57	85	110
Peak Torque(Nm)	143	213	275
Motor Inertia(kg.cm²)	640	960	1280

Motor Type	260ST-□14A15-F-96V	260ST-□17A15-F-96V	260ST-□20A10-F-96V
Rated Power(W)	22	27	21
Rated Current(A)	269	335	257
Rated Speed(rpm)	1500	1500	1000
Peak Speed(rpm)	1800	1800	1200
Rated Torque(Nm)	140	174	200
Peak Torque(Nm)	350	435	500
Motor Inertia(kg.cm²)	1600	1920	2240

Motor Parameters	DC144V		
Motor Type	260ST-□57030-F-144V	260ST-□85030-F-144V	260ST-□11A30-F-144V
Rated Power(W)	18	27	35
Rated Current(A)	163	243	315
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	57	85	110
Peak Torque(Nm)	143	213	275
Motor Inertia(kg.cm²)	640	960	1280

Motor Type	260ST-□14A20-F-144V	260ST-□17A20-F-144V	260ST-□20A15-F-144V
Rated Power(W)	29	36	31
Rated Current(A)	267	332	286
Rated Speed(rpm)	2000	2000	1500
Peak Speed(rpm)	2400	2400	1800
Rated Torque(Nm)	140	174	200
Peak Torque(Nm)	350	435	500
Motor Inertia(kg.cm²)	1600	1920	2240

260ST系列
260ST SERIES SPECIFICATIONS

Motor Parameters	AC 220V/DC 310V		
Motor Type	260ST-□57030-F-310V(220V)	260ST-□85030-F-310V(220V)	260ST-□11A30-F-310V(220V)
Rated Power(W)	18	27	35
Rated Current(A)	76	113	146
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3000
Rated Torque(Nm)	57	85	110
Peak Torque(Nm)	143	213	275
Motor Inertia(kg.cm²)	640	960	1280

Motor Type	260ST-□14A25-F-310V(220V)	260ST-□17A25-F-310V(220V)	260ST-□20A25-F-310V(220V)
Rated Power(W)	37	46	52
Rated Current(A)	155	193	222
Rated Speed(rpm)	2500	2500	2500
Peak Speed(rpm)	3000	3000	3000
Rated Torque(Nm)	140	174	200
Peak Torque(Nm)	350	435	500
Motor Inertia(kg.cm²)	1600	1920	2240

Motor Parameters	AC 380V/DC 540V		
Motor Type	260ST-□57030-F-380V(540V)	260ST-□85030-F-380V(540V)	260ST-□11A30-F-380V(540V)
Rated Power(W)	18	27	35
Rated Current(A)	44	65	84
Rated Speed(rpm)	3000	3000	3000
Peak Speed(rpm)	3600	3600	3600
Rated Torque(Nm)	57	85	110
Peak Torque(Nm)	143	213	275
Motor Inertia(kg.cm²)	640	960	1280

Motor Type	260ST-□14A25-F-380V(540V)	260ST-□16A25-F-380V(540V)	260ST-□20A25-F-380V(540V)
Rated Power(W)	37	46	52
Rated Current(A)	89	111	127
Rated Speed(rpm)	2500	2500	2500
Peak Speed(rpm)	3000	3000	3000
Rated Torque(Nm)	140	174	200
Peak Torque(Nm)	350	435	500
Motor Inertia(kg.cm²)	1600	1920	2240

260ST系列
260ST SERIES SPECIFICATIONS

Torque and speed characteristic curve



260ST-□11A30-EX-XXV



260ST-□14A30-EX-XXV



260ST-□17A30-EX-XXV



260ST-□20A30-EX-XXV



260ST-□57030B-XXV



260ST-□85030-EX-XXV