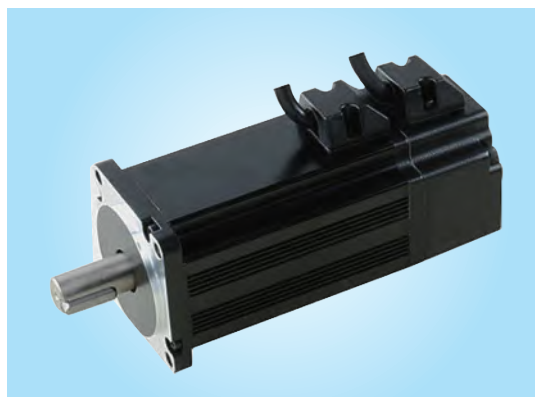


SE060AS

Brushless Servo Motor



General information

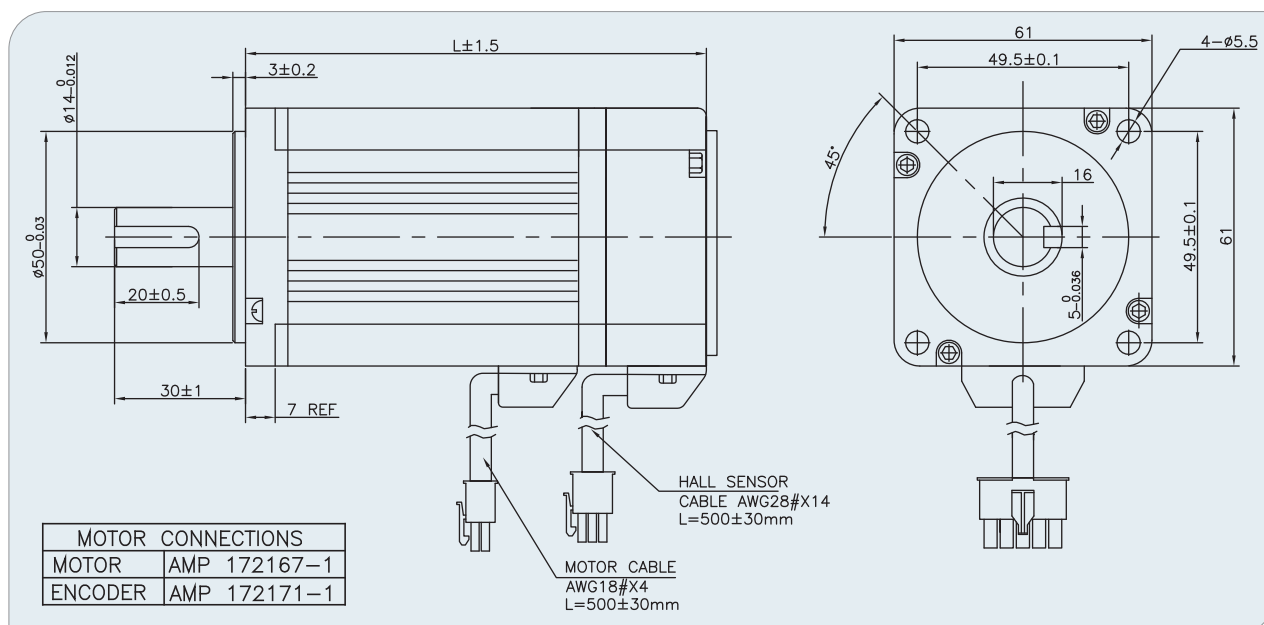
- 8 poles with three phases
- 18 slots distribution winding, skew stator design for low cogging
- Insulation class F
- Higher resolution encoder available
- Higher voltage available
- IP65 class available

Specifications

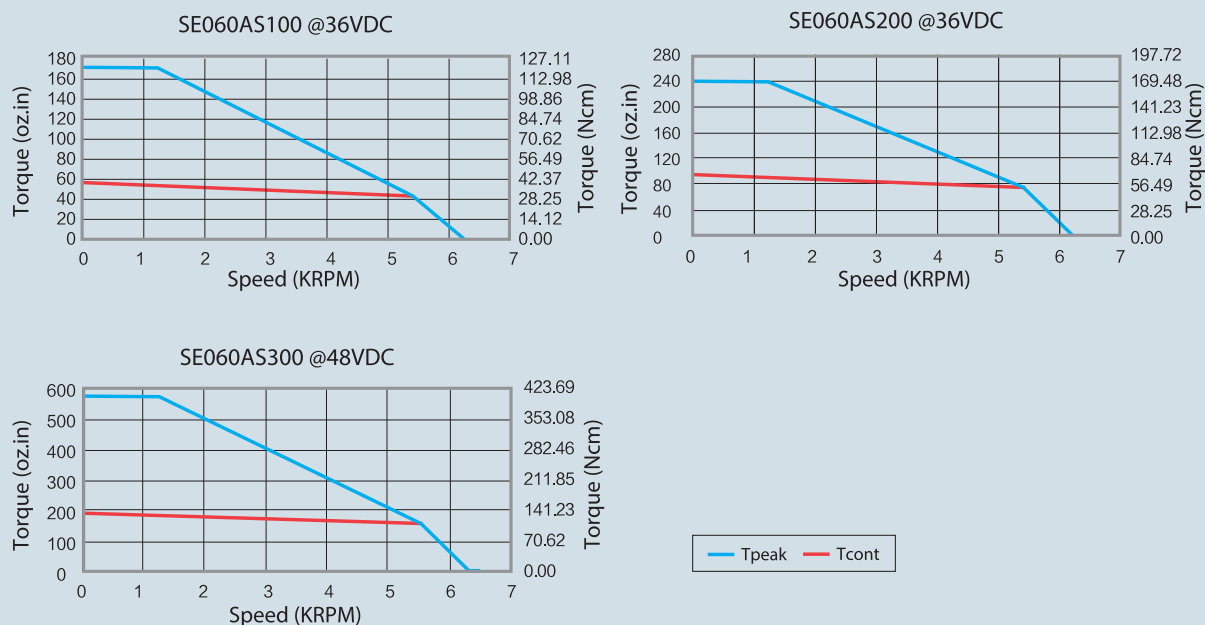
SPECIFICATION		Unit	SE060AS100	SE060AS200	SE060AS300
Supply Voltage (reference)	(Vs)	Vdc	36	36	48
Rated Continuous Torque	(Tcr)	Nm	0.30	0.53	1.30
Rated Speed at Cont. Torque	(Scr)	rpm	4000	4000	3000
Rated Continuous Stall Current	(Ics)	A	5.74	9.84	18.41
Rated Continuous Output Power	(Po,c)	W	124	223	410
Motor Constant	(Km)	Nm/√W	0.0740	0.0998	0.1408
Torque Constant	(KT)	Nm/A	0.0573	0.0573	0.0745
Voltage Constant	(KE)	Vrms/krpm	4.2	4.2	5.8
Terminal Resistance	(Rmt)	Ω	0.64	0.23	0.18
Inductance	(L)	mH	0.5	0.22	0.20
Rated Peak Current	(Ipr)	A	22.11	30.78	56.89
Rated Peak Torque	(Tpr)	Nm	1.20	1.69	4.05
Coulomb Friction Torque	(Tf)	Nm	0.0100	0.017	0.025
Insulation Class			F	F	F
Rotor Inertia	(Jr)	kg.m ²	1.0E-05	1.5E-05	2.9E-05
Motor Weight	(Wm)	Kg	0.85	1.08	1.54
Feedback Device			2500p/rev incremental encoder		
Motor Length	(Lm)	mm	101	113	141

SE060AS

● Mechanical



● Characteristic diagram



*TEST WITH TECHNOSOFT iPOS8020BX CONTROLLER