

110 series servo motor



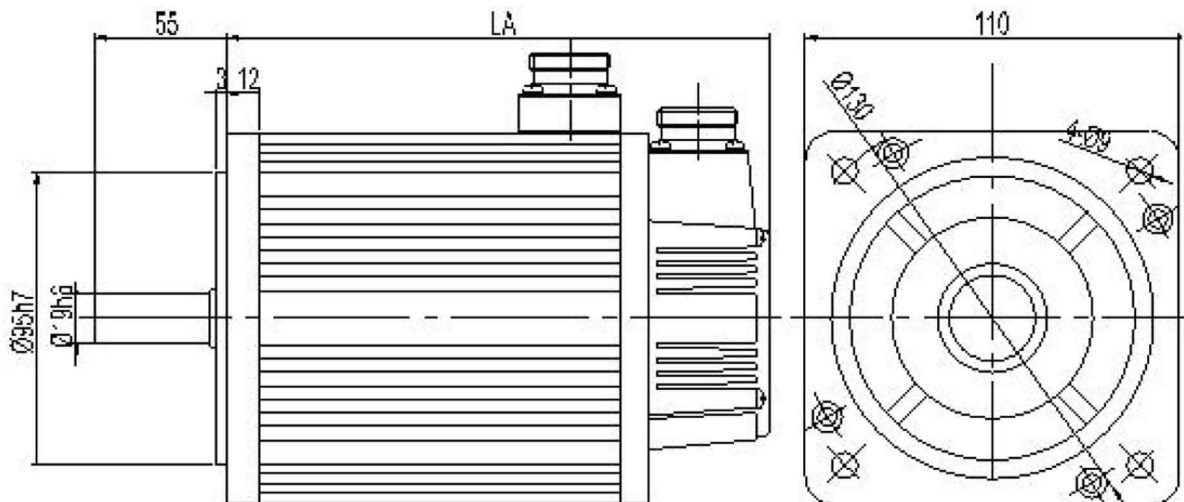
Product description

MS series servo motor
 Match DS2 series single phase /3-phase 1.5kw servo drive
 Encoder is 2500 ppr

Specifications:

Voltage level	220V	
Motor type	MS-110ST-M04030□□-21P2	MS-110ST-M05030□□-21P5
Motor code	0031	0032
Rated power (KW)	1.5	1.5
Rated current (A)	5.0	6.0
Rated speed (rpm)	3000	3000
Max speed (rpm)	3500	3500
Rated torque (N·m)	4	5
Peak torque (N·m)	12	15
Back EMF constant (V/krpm)	54	62
Torque coefficient (N·m/A)	0.8	0.83
Rotor inertia (Kg·m ²)	0.54×10 ⁻³	0.63×10 ⁻³
Winding resistor (Ω)	1.09	1.03
Winding inductance (mH)	3.3	3.43
Electrical time constant (ms)	3.0	3.33
Weight (Kg)	5.5	6.7
Encoder ppr (PPR)	2500	
Pole pairs	4	
Motor insulation level	Class B (130°C)	
Protection level	IP65	
Ambient temperature	-20°C ~ 50°C	
Ambient humidity	Related humidity <90% (no condensation)	

Dimension (unit: mm)



Model	LA	
	general	with brake
MS-110ST-M04030□□-21P2	189	263
MS-110ST-M05030□□-21P5	204	278