

## 80 series servo motor



### Product description

MS series servo motor  
Match DS2 series 0.75kw servo drive  
Encoder is 2500 ppr

### Specifications:

Voltage level	220V
Motor type	MS-80ST-M02430□□-20P7
Rated power (KW)	0.75
Rated current (A)	23.0
Rated speed (rpm)	3000
Rated torque (N·m)	2.39
Peak torque (N·m)	7.1
Back EMF constant (V/krpm)	48
Torque coefficient (N·m/A)	0.8
Rotor inertia (Kg·m <sup>2</sup> )	$0.24 \times 10^{-3}$
Winding resistor (Ω)	2.88
Winding inductance (mH)	6.4
Electrical time constant (ms)	2.22
Weight (Kg)	2.86
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)

