

Consolidated Specifications

880-DST

750W

80mm

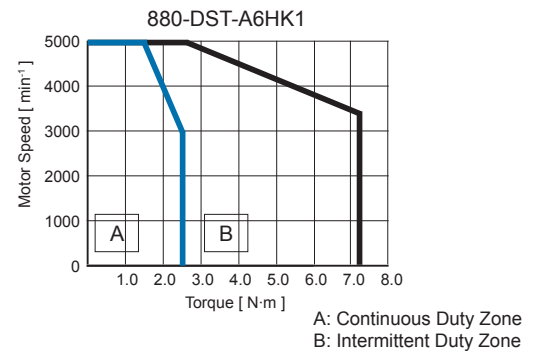
• Specification

Motor Model 880-DST		880
Rated Voltage	V	200V
Rated Output	kW	0.75
Rated Torque*2	N·m	2.39
Instantaneous Max. Torque	N·m	7.16
Rated Current	A	4.2
Max. Current	A	12.6
Rated Speed	r/min	3000
Max. Speed	r/min	5000
Rotor Inertia (Brake)	kg·cm ²	2.0 (2.3)
Torque Coefficient	N·m/A	0.568
Mass (Brake)	kg	2.8 (3.6)
Encoder Option ¹	16-Bit Single-Turn Absolute (65,536 ppr), 32-Bit Multi-Turn Battery, 32-bit Multi-Turn Battery-Less, Low Profile	
Ratings	Time Rating: Continuous Thermal Class: F Excitation Method: Permanent Magnet Insulation Resistance: DC500V, >20MΩ Noise: ≤60dB; No Special Noise	
Environment	Ambient Temperature: 0~40 °C Storage: -20~50°C Ambient Humidity: 20~80% No Condensation	
Enclosure	IP65	
Shock	98m/s ² Max. (10G)	
Applicable Servo Drive	DYN4 - H01	

Note: 1. Standard encoder option is ABS-16-00 Single-Turn absolute magnetic encoder.

2. Rated torque measured as continuous allowable current at 40°C with 6mmx200mm aluminum heat sink.

• Torque-Speed Curve



• Dimension [mm]

