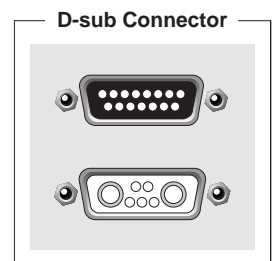
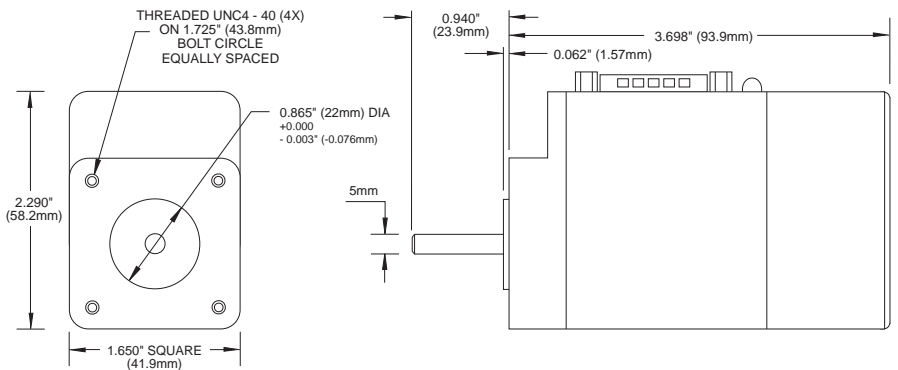
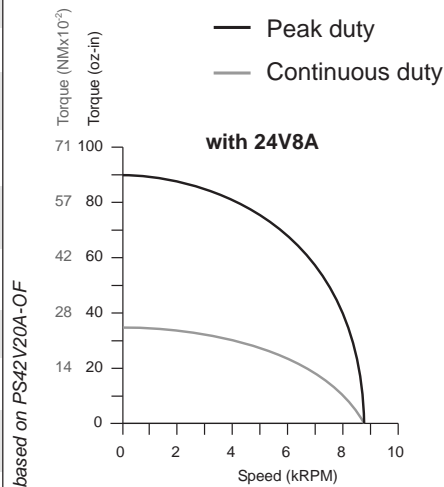


Peak Torque ²	T_p	oz-in (N-m)	90 0.64
Continuous Torque ²	T_c	oz-in (N-m)	35 0.25
Voltage Constant	K_v	V/kRPM	5.5
No Load Speed	S_{nl}	RPM	8,700
Torque Constant	K_t	oz-in/amp (N-m/amp)	7.57 0.054
Rotor Inertia	J_m	oz-in-sec ² (kg.m ²)	0.000255 1.8×10^{-6}
Winding Resistance		Ohms	1.8
Weight	W_t	lbs (kg)	1.21 0.549
Number of Poles			4
Number of Slots			15
Length		inches (mm)	3.7 94
Width		inches (mm)	1.65 41.9
Nominal Continuous Power		hp (kW)	0.15 0.11
Default Thermal Limit		°F °C	158 70
Encoder Resolution		post-quad counts/rev	2,000
Input Voltage		VDC	24 to 48
IP Rating			IP40
Operating Temperat.		°C	0 to 70
Humidity (non condensing)		%	0 to 80
Storage Temperature		°C	0 to 70



SmartMotor™ servos
have CE certification

Notes:

1. Custom windings are available on select SmartMotors. These special windings allow SmartMotors™ to achieve higher speeds or greater torque. Please consult factory for specific details.
2. Custom shaft lengths and diameters are available on select SmartMotors. Flats and keyways are common options found on motor shafts. SmartMotors can be purchased with various versions of these shaft modifications. Please consult factory for available shaft options.
3. Torque vs. Speed curve data is derived under dynamometer testing using a 48 VDC battery supply at an ambient temperature of 27°C.
4. Connector kits and cable options found on pg.36,40.