

OVERVIEW

MOTOR SPECIFICATIONS

LINEAR SYSTEMS

CONNECTIVITY

PERIPHERALS

IP 65 MODELS & CONNECTIVITY

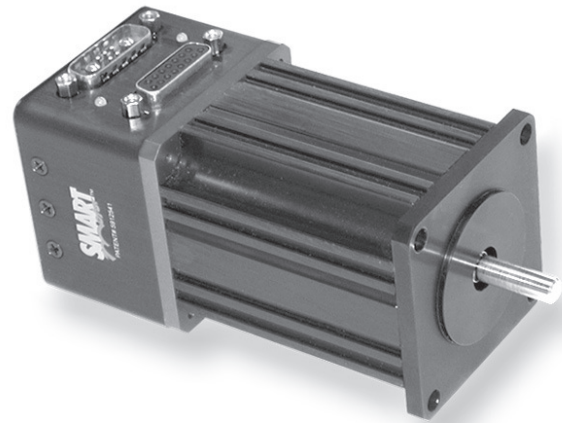
POWER SUPPLIES & SHUNTS

GEAR HEADS

SOFTWARE

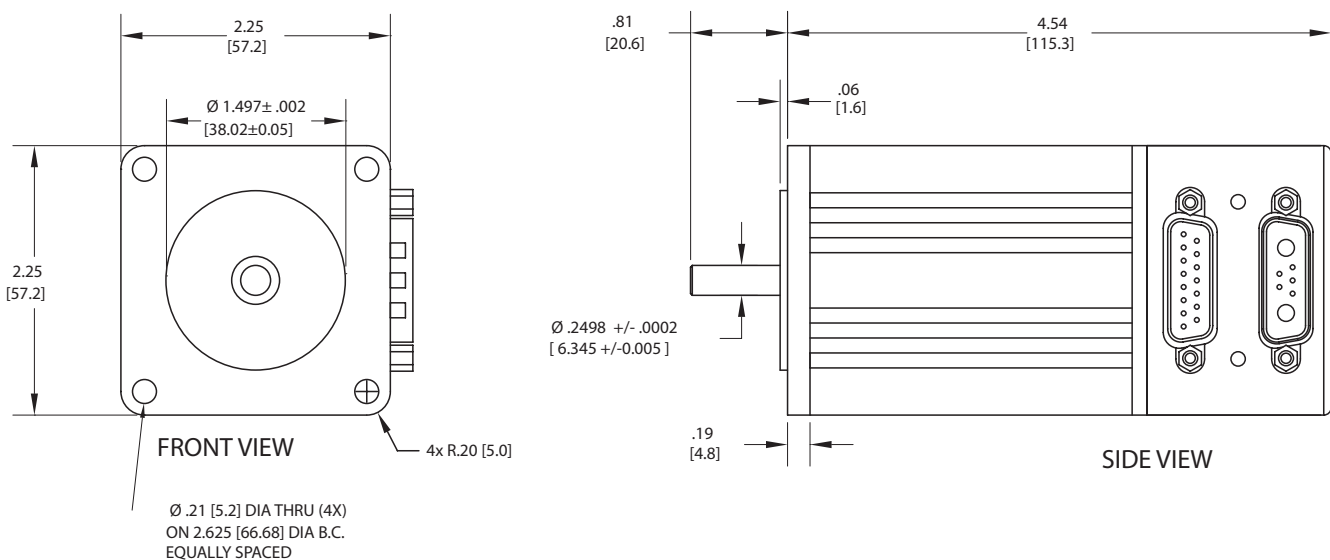
APPENDIX

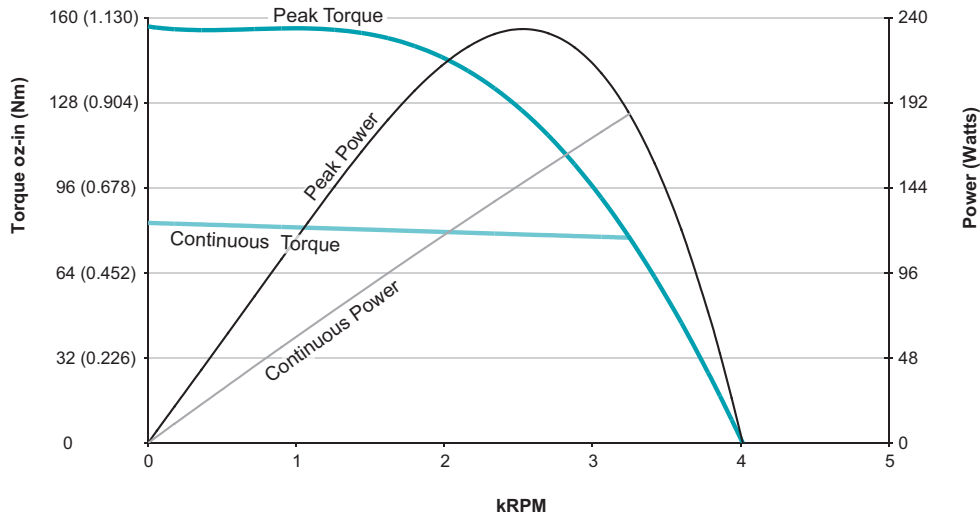
SM23375DT		
Continuous Torque	5.18	in-lb
	83	oz-in
	0.59	N-m
Peak Torque	9.80	in-lb
	157	oz-in
	1.11	N-m
Nominal Continuous Power	186	Watt
No Load Speed	4,000	RPM
Continuous Current @ Nominal Power	5.9	Amps
Voltage Constant	10.95	V/kRPM
Winding Resistance	0.9	ohms
Encoder Resolution	4,000	Counts/Rev
Rotor Inertia	0.0019	oz-in-sec ²
	1.342	10 ⁻⁵ Kg-m ²
Weight	2.2	lb
	0.98	kg
Shaft Diameter	0.250	in
	6.35	mm
Shaft, Radial Load	7	lb
	3.18	kg
Shaft, Axial Thrust Load	3	lb
	1.36	kg
DeviceNet Available	Yes	
ProfiBus Available		
CANopen Available	Yes	



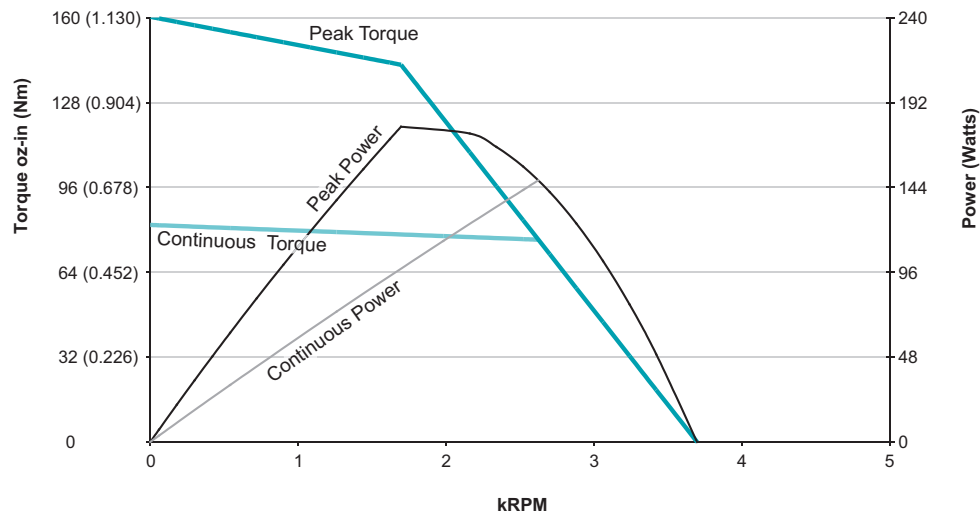
Animatics SmartMotor SM23375DT (No Options) CAD Drawing

in [mm]

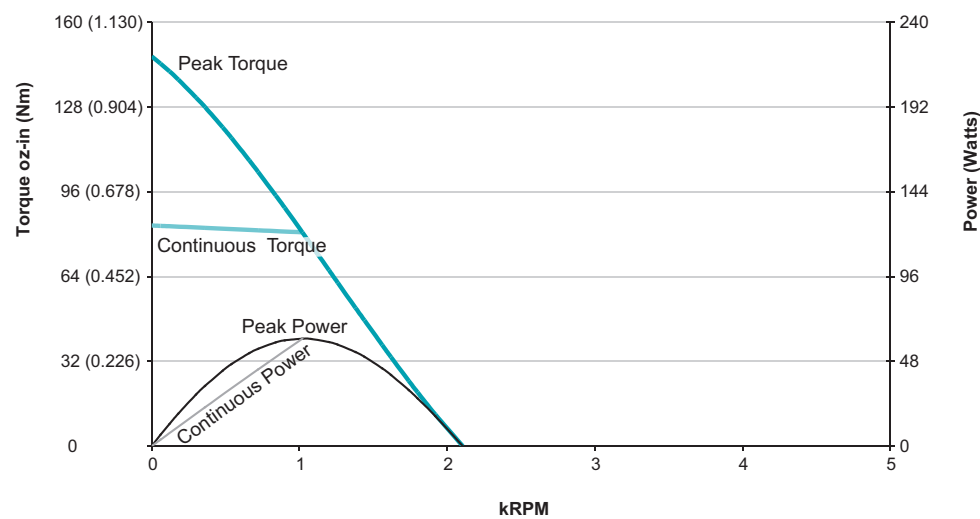




SM23375DT
at 48 VDC
at rise to 85°C



SM23375DT
at 42 VDC
at rise to 85°C



SM23375DT
at 24 VDC
at rise to 85°C