

OVERVIEW

MOTOR SPECIFICATIONS

LINEAR SYSTEMS

CONNECTIVITY

PERIPHERALS

IP 65 MODELS & CONNECTIVITY

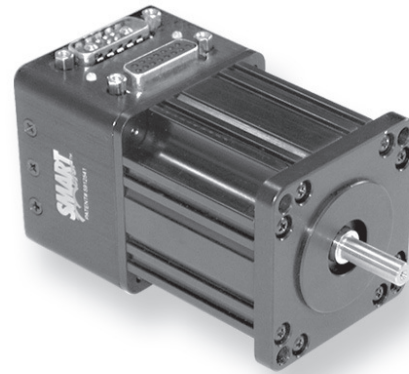
POWER SUPPLIES & SHUNTS

GEAR HEADS

SOFTWARE

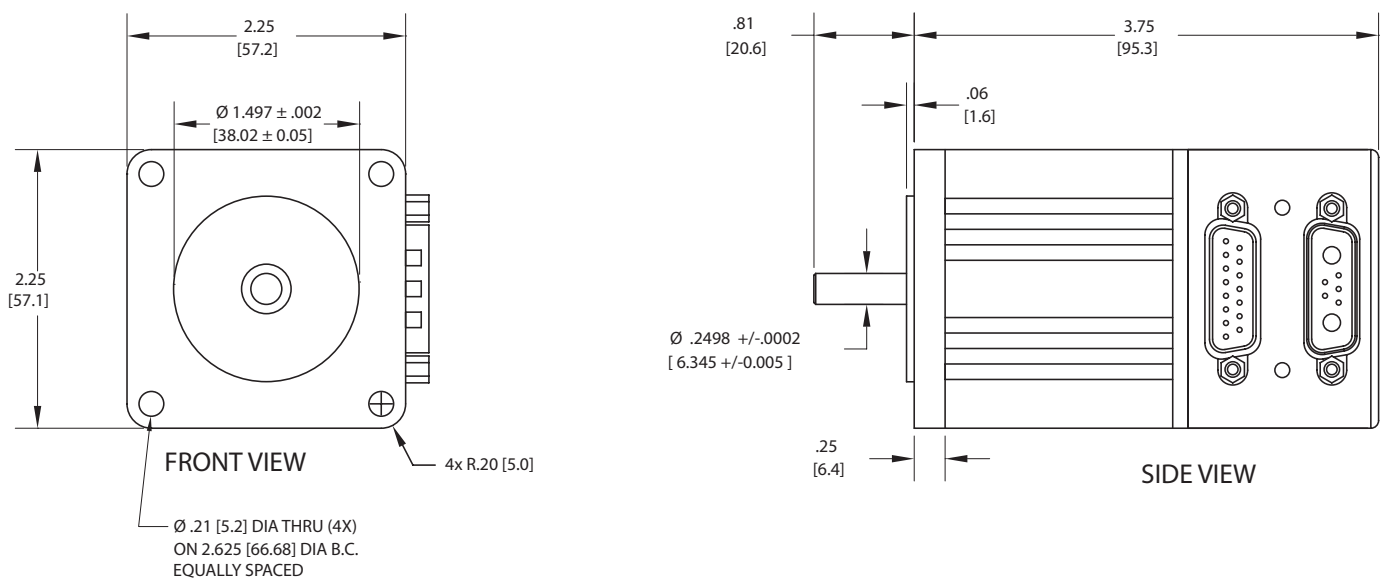
APPENDIX

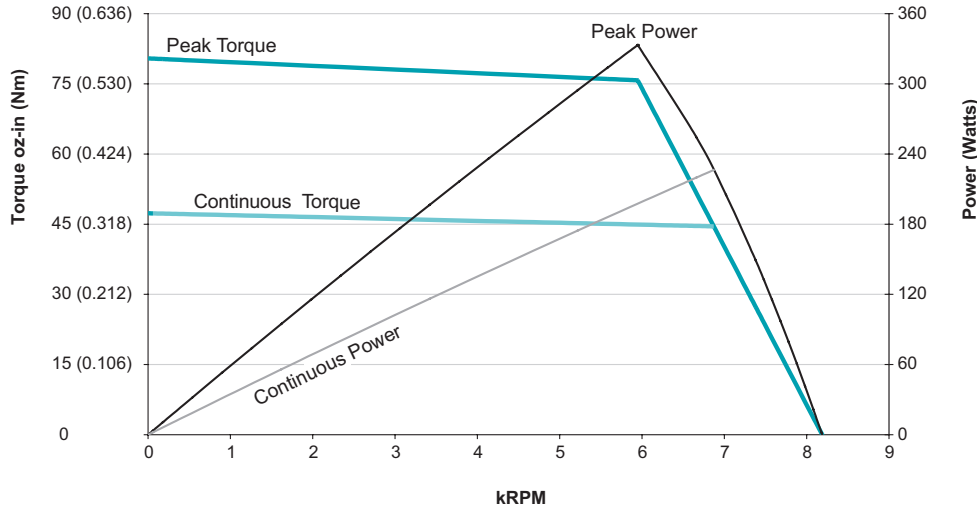
| SM23205D | | |
|------------------------------------|---------|------------------------------------|
| Continuous Torque | 2.96 | in-lb |
| | 47 | oz-in |
| | 0.33 | N-m |
| Peak Torque | 5.03 | in-lb |
| | 80 | oz-in |
| | 0.57 | N-m |
| Nominal Continuous Power | 226 | Watt |
| No Load Speed | 8,100 | RPM |
| Continuous Current @ Nominal Power | 6.6 | Amps |
| Voltage Constant | 6.6 | V/kRPM |
| Winding Resistance | 1.1 | ohms |
| Encoder Resolution | 4,000 | Counts/Rev |
| Rotor Inertia | 0.00184 | oz-in-sec ² |
| | 1.300 | 10 ⁻⁵ Kg-m ² |
| Weight | 1.7 | lb |
| | 0.79 | 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 | |



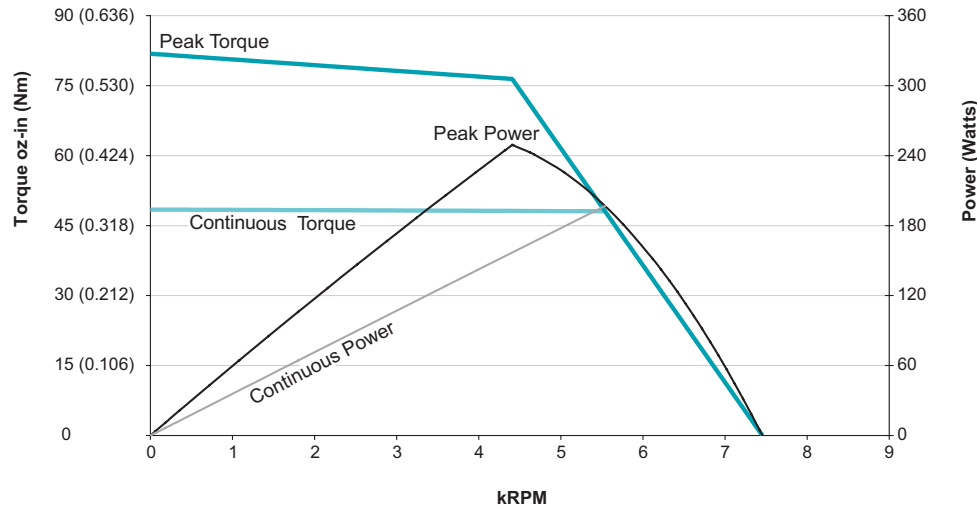
Animatics SmartMotor SM23205D (No Options) CAD Drawing

in [mm]

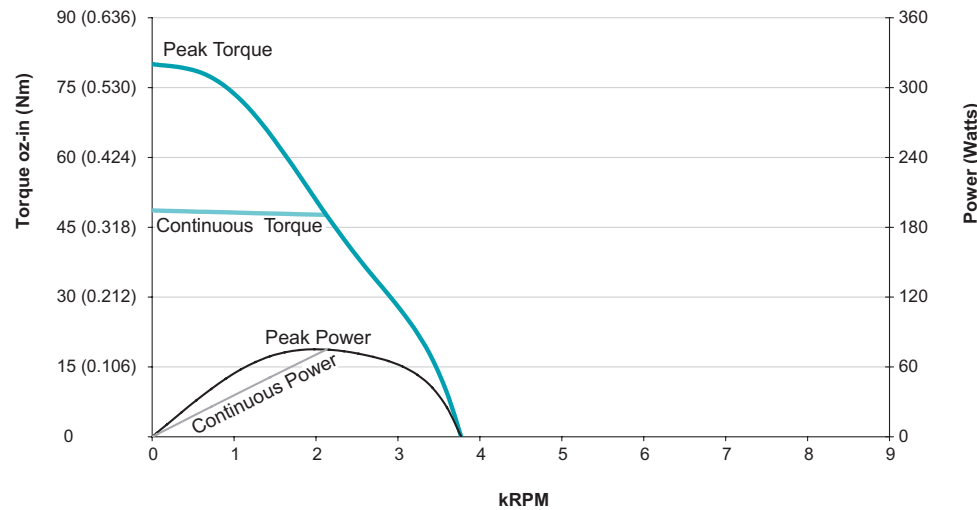




**SM23205D
at 48 VDC
at rise to 85°C**



**SM23205D
at 42 VDC
at rise to 85°C**



**SM23205D
at 24 VDC
at rise to 85°C**