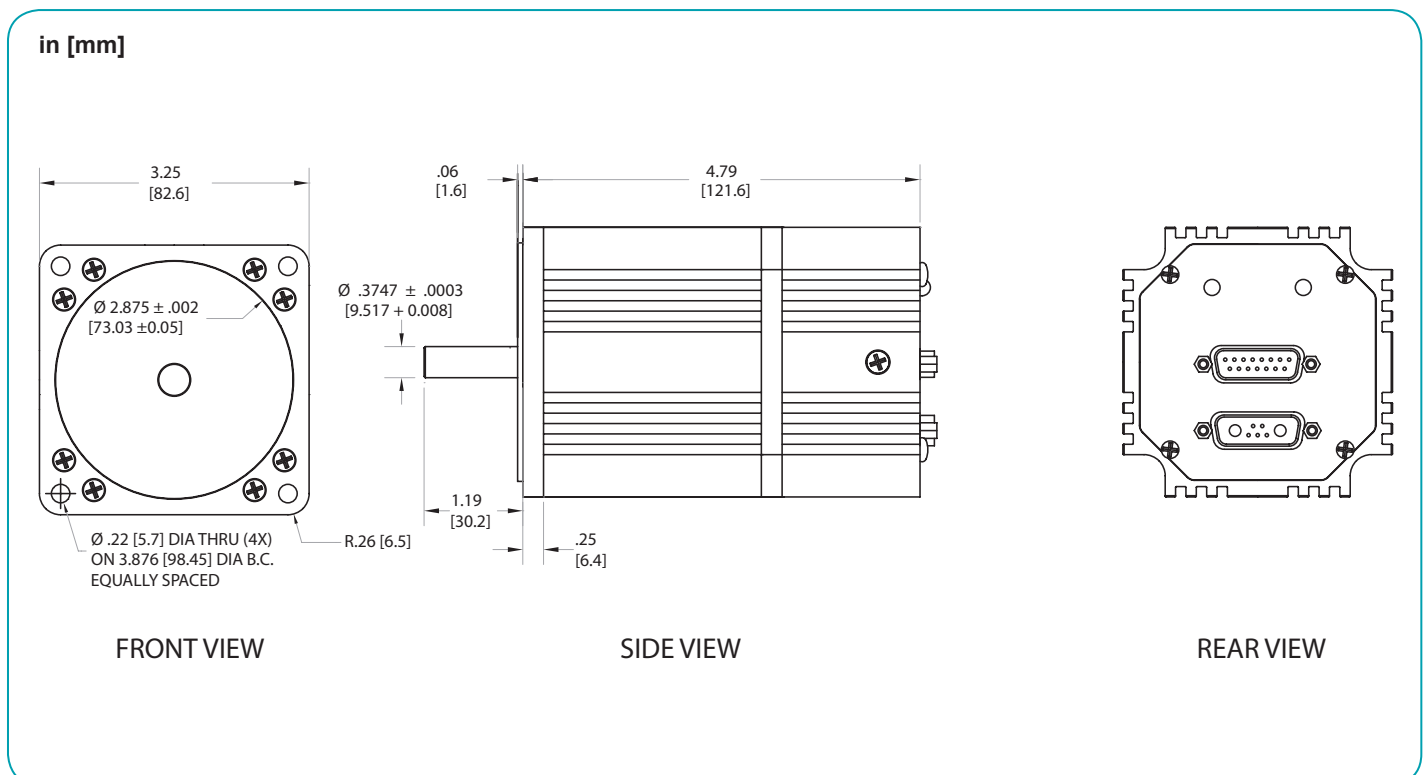
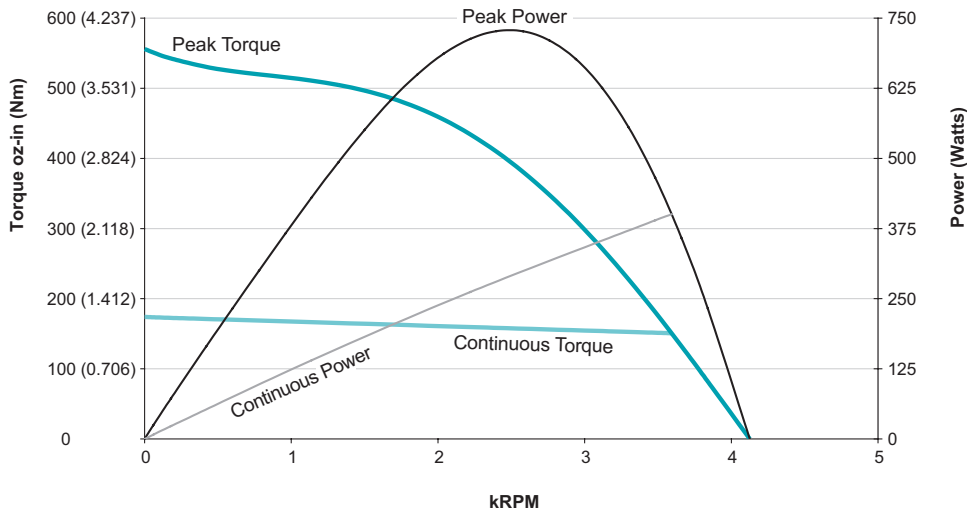


SM3430D-PLS2		
Continuous Torque	10.87	in-lb
	174	oz-in
	1.23	N-m
Peak Torque	34.75	in-lb
	556	oz-in
	3.93	N-m
Nominal Continuous Power	400	Watt
No Load Speed	4,100	RPM
Continuous Current @ Nominal Power	10.9	Amps
Voltage Constant	12.1	V/kRPM
Winding Resistance	0.9	ohms
Encoder Resolution	8,000	Counts/Rev
Rotor Inertia	0.019	oz-in-sec <sup>2</sup>
	13.422	10 <sup>-6</sup> Kg-m <sup>2</sup>
Weight	4.5	lb
	2.04	kg
Shaft Diameter	0.375	in
	9.53	mm
Shaft, Radial Load	15	lb
	6.80	kg
Shaft, Axial Thrust Load	3	lb
	1.36	kg
EtherNet Available		
DeviceNet Available	Yes	
ProfiBus Available	Yes	
CanOpen Available		

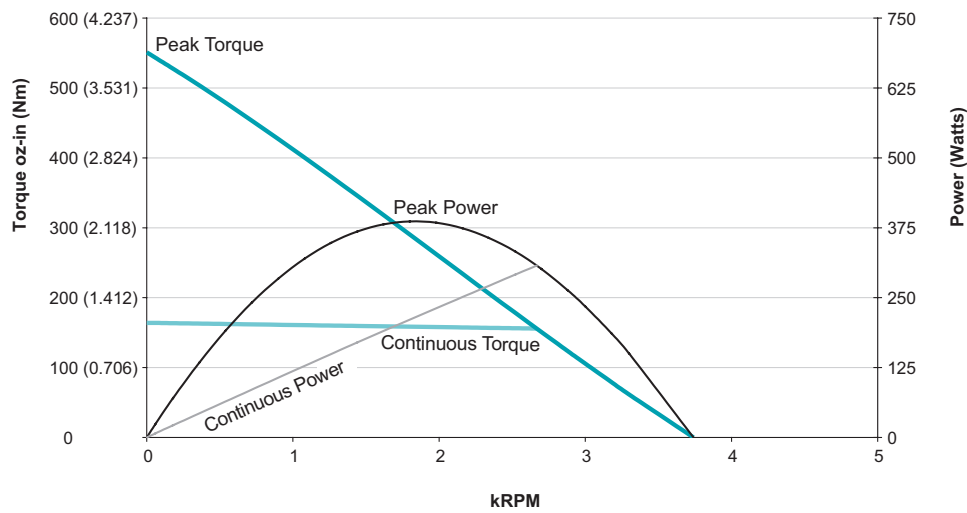


## Animatics SmartMotor SM3430D-PLS2 (No Options) CAD Drawing

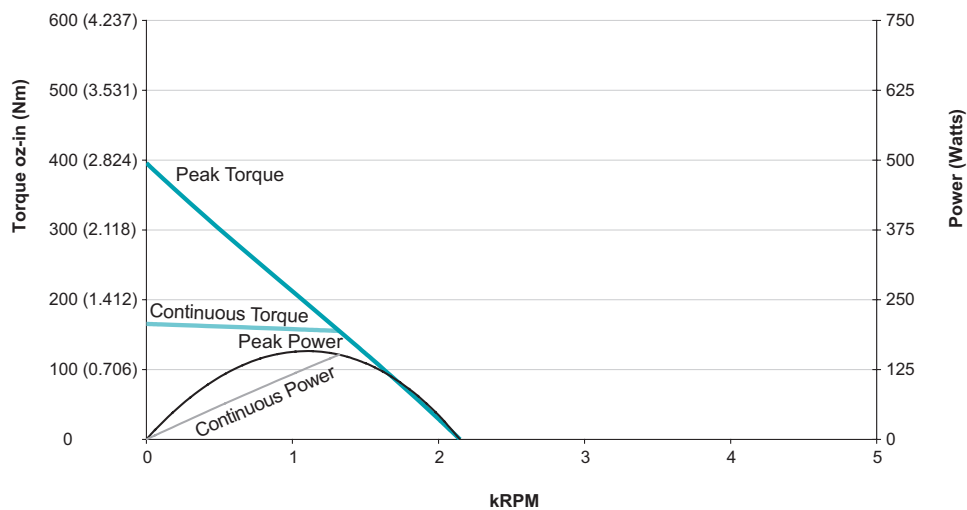




**SM3430D-PLS2  
at 48 VDC  
at rise to 85°C**



**SM3430D-PLS2  
at 42 VDC  
at rise to 85°C**



**SM3430D-PLS2  
at 24 VDC  
at rise to 85°C**