



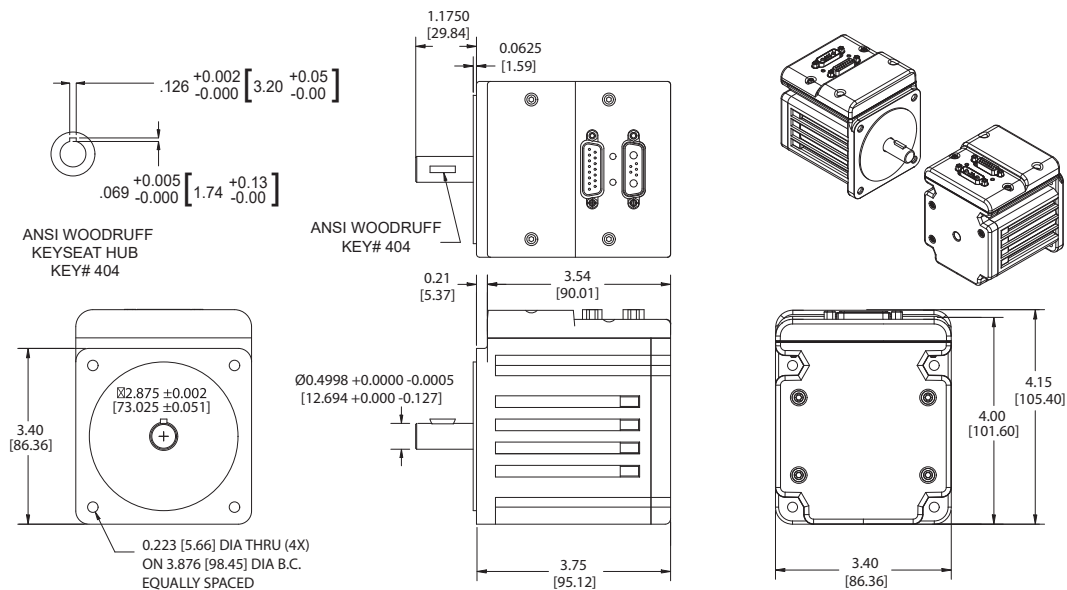
## 特色

- ✓ 減少配線工作
- ✓ 增加系統可靠度
- ✓ 節省配電箱空間
- ✓ 提高機台性能
- ✓ 降低維修服務成本
- ✓ 減低機台開發成本

## SM34165DT-CDS7

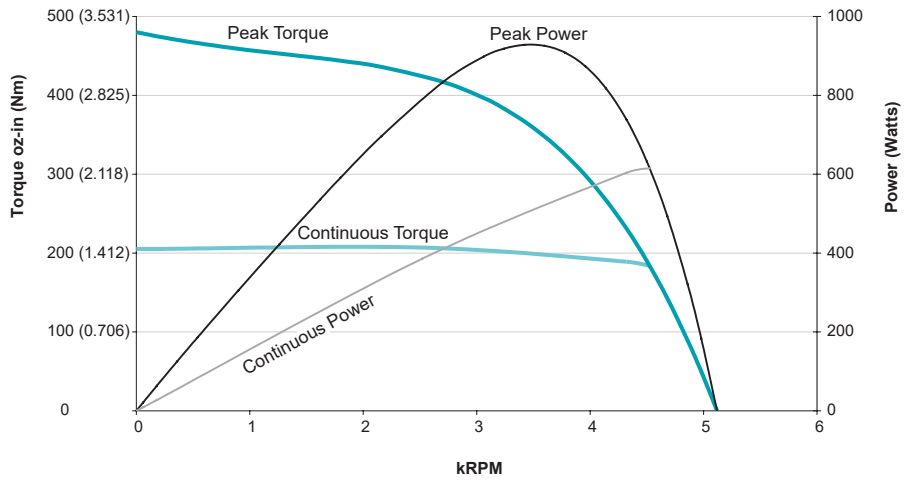
規 格					
Continuous Torque	N-m	1.45	Shaft, Radial Load	kg	13.61
Peak Torque	N-m	3.39	Shaft, Axial Thrust Load	kg	1.36
Rated Speed	rpm	4500	Shaft Diameter	mm	12.7
No Load Speed	rpm	5100	Weight	kg	2.49
Voltage Constant	V/krpm	8.9	Length	mm	95
Winding Resistance	ohms	0.06	Width	mm	86
Encoder Resolution	counts/Rev	8000	Nominal Continuous Power	watt	615
Rotor Inertia	oz-in-sec <sup>2</sup>	0.0142			
	10 <sup>-5</sup> kg-m <sup>2</sup>	10.031			

## 尺寸 in [mm]

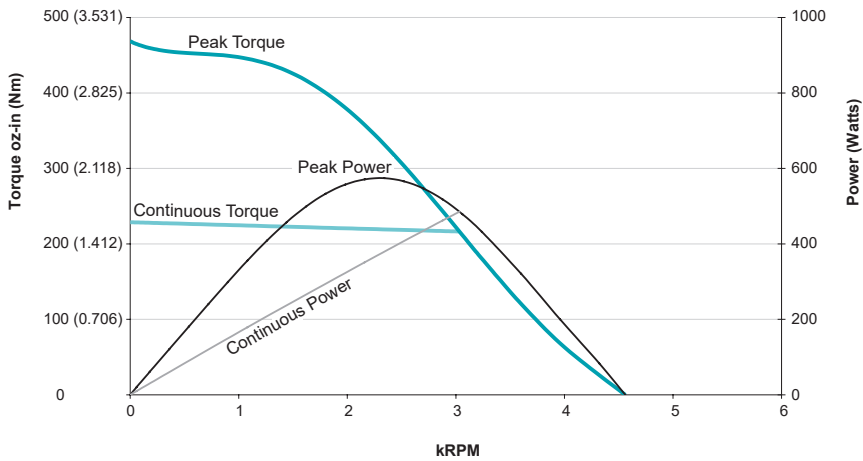


# 扭矩曲線圖

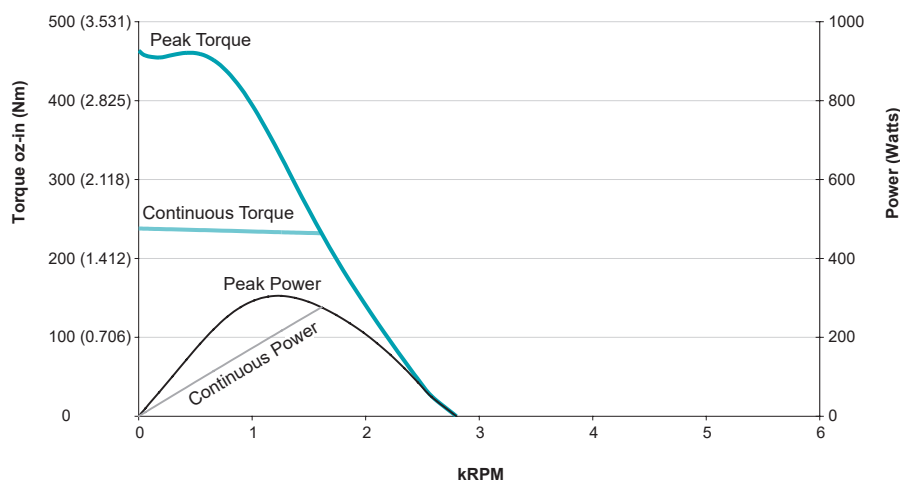
## SM34165DT at 48 VDC at rise to 85°C



## SM34165DT at 42 VDC at rise to 85°C



## SM34165DT at 24 VDC at rise to 85°C



All torque curves based on 48 VDC at 25°C ambient with rise to 85°C.

Motors were operated using MDT (Trapezoidal Drive Mode) Commutation.

For ambient temperatures above 25°C, continuous torque must be linearly derated to 0% at 85°C.