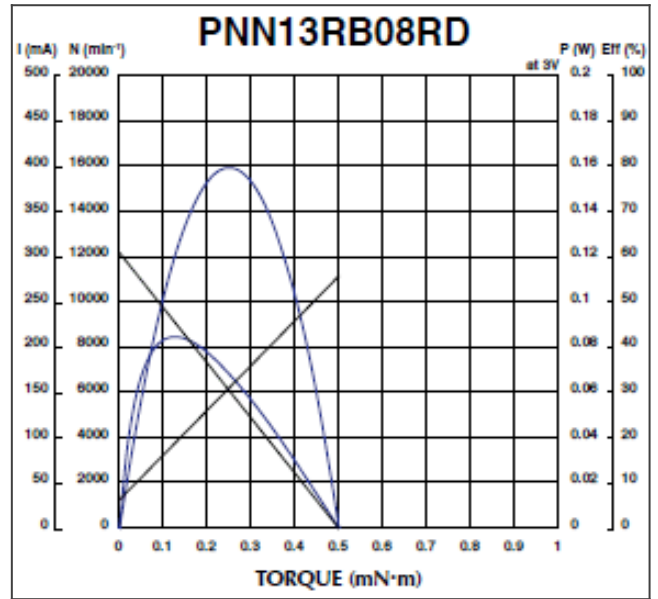


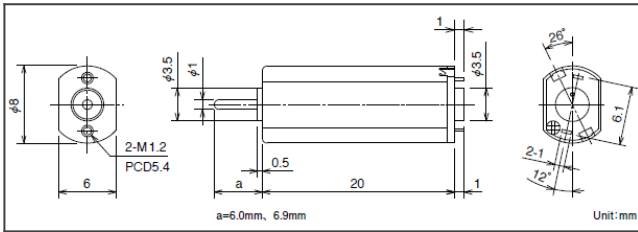
PNN13 Product Picture



PNN13 Graph



PNN13 Model Product Drawing



DC Brush

Detailed Specifications

Voltage Operating Lower:	1
Voltage Operating - Upper:	3.5
Voltage Rated:	3
Rated Load:	1.5
Rated Load:	0.147
Rated Load Speed:	10200
Rated Load Current:	125
No Load Speed:	13950
No Load Current:	34
Starting Torque:	5.9
Starting Torque:	0.58
Starting Current:	361

DC Brush