

Planetary Encoder Geared motor 24V 175RPM 100W

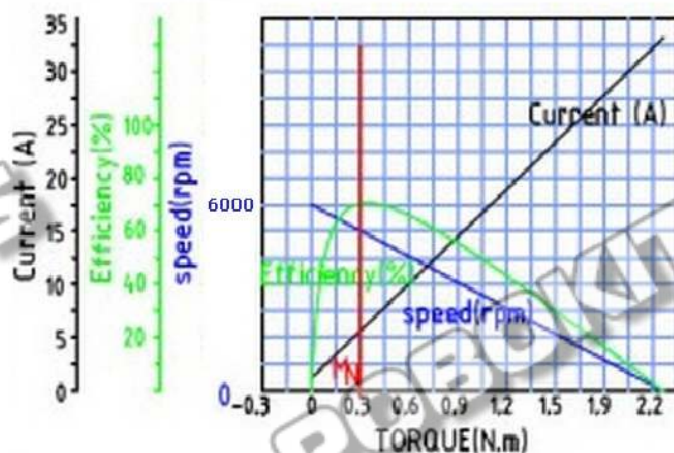
General Specifications

Rated Torque (Kgcm)	142
Stall Torque (Kgcm)	344
No Load Current (A)	1.12
No Load Speed (RPM)	175
Stall Current (A)	Upto 30 (Max)
Gearbox Ratio	1:36 planetary 2 stage
Encoder Type	500 Lines 2000CPR
Shaft Diameter (mm)	10
Motor Weight (gms)	1450

Power and Input Terminal Assignments

Terminal No.	Terminal Name	Wire Colour	Description
Terminal 1	GND	BLACK	Ground should be connected to -ve supply
Terminal 2	VCC	RED	VCC should be connected to +ve supply
Terminal 3	Enc A	GREEN	Quadrature encoded output A
Terminal 3	Enc B	YELLOW	Quadrature encoded output B

Dimensions



Base Motor Specifications

Rated Voltage (V)	24
No Load Speed (RPM)	6600
Rated Speed (RPM)	6000
Rated Torque (Kgcm)	5.2
Stall Torque (Kgcm)	22
Rotor Inertia (Gcm ²)	600
Starting Current (A)	29.5

All Dimensions are in mm

RMCS-2004

Rhino Motion Controls

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