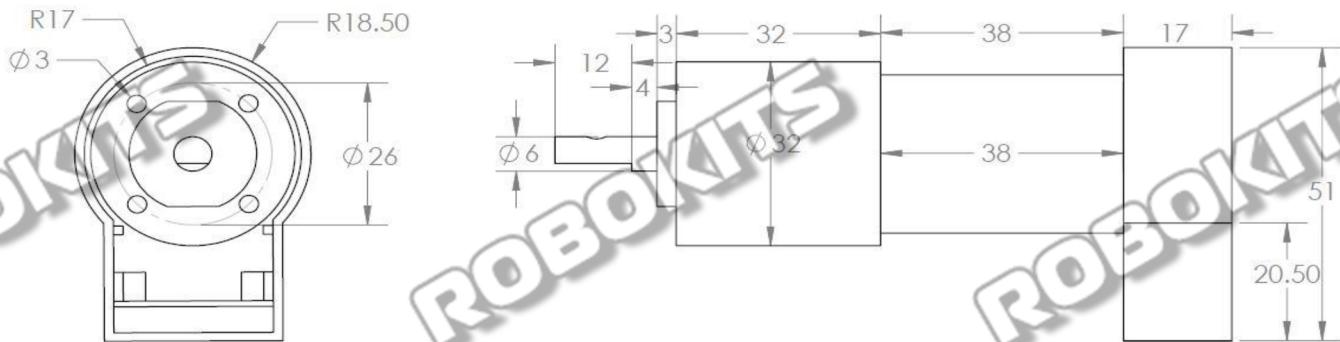


Model Number
RMCS-5025

**Rhino Planetary High Precision Encoder 300 RPM 10Kgcm DC
Servo Motor**

Mechanical Drawing (Dimensions are in mm)



Technical specifications of Motor

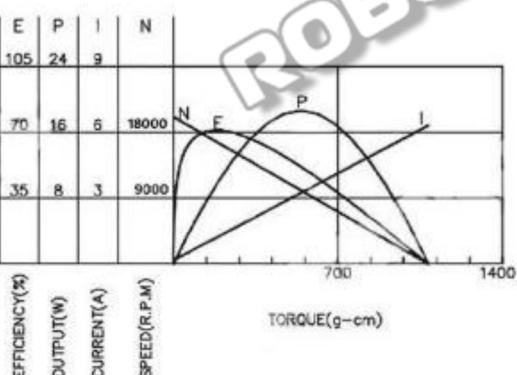
Motor Type	Planetary Geared Motor
Operating voltage	12V DC
Motor Speed at Output Shaft (RPM)	300RPM
Stall Torque(Kgcm)	40Kgcm
Rated Torque(Kgcm)	10Kgcm
Gear Ratio	1 : 60
CPR at Output Shaft of Motor	80,160
Weight	300gm

Encoder Pinouts

Encoder Type	High Precision Encoder
Line Encoder	Line Encoder
Base Motor CPR	334*4=1336
Orange	EncA
Red	EncB
Yellow	Motor-
Green	Motor+
Brown	+5V DC
Black	Gnd

Base Motor Specifications

Nominal voltage(V)	12V
No-Load Speed (RPM)	18000
Rated Torque (gcm)	151
No-load current (A)	0.8A
Load current(A)	up to 7.5 A(Max)



Base Motor Characteristic Graph