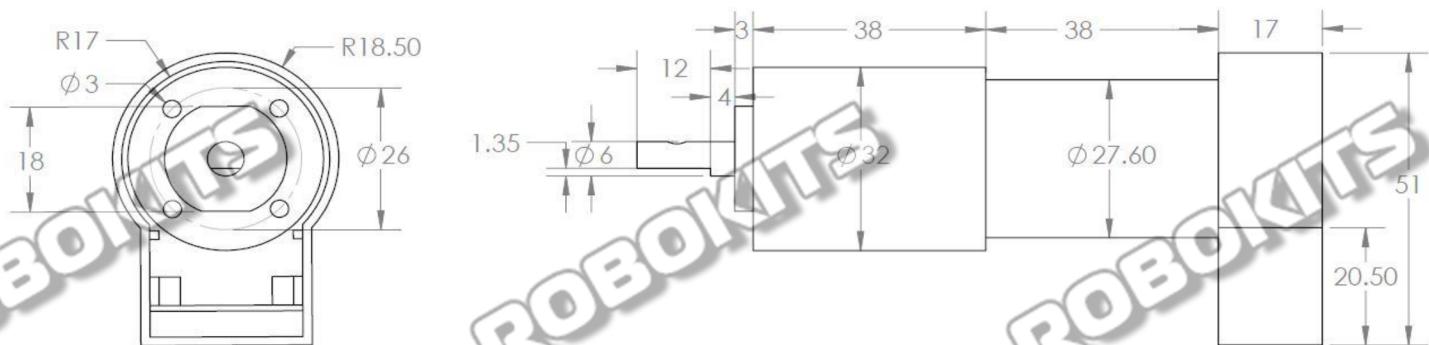


Model Number
RMCS-5023

Rhino Planetary High Precision Encoder 100 RPM 25Kgcm DC Servo Motor

Mechanical Drawing (Dimensions are in mm)



Technical specifications of Motor

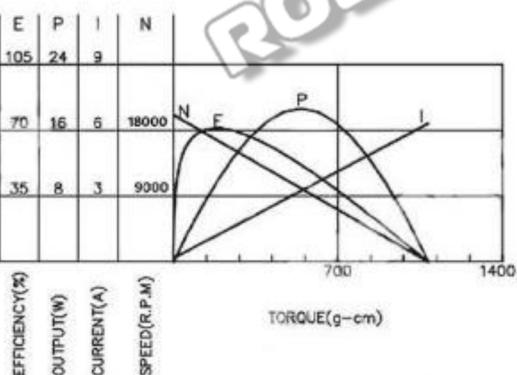
Motor Type	Planetary Geared Motor
Operating voltage	12V DC
Motor Speed at Output Shaft (RPM)	103RPM
Stall Torque(Kgcm)	100Kgcm but not exceed greater than 75Kgcm
Rated Torque(Kgcm)	25Kgcm
Gear Ratio	1 : 174
CPR at Output Shaft of Motor	2,32,464
Weight	300gm

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