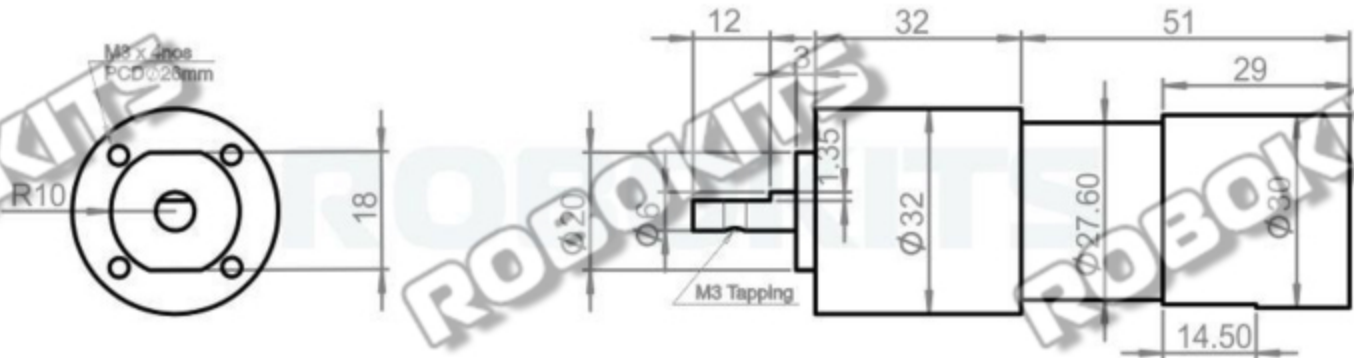


Model Number
RMCS-5033

Rhino Planetary Geared Quad Encoder 300RPM 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 : 52.1
CPR at Output Shaft of Motor	2709.2
Weight	300gm

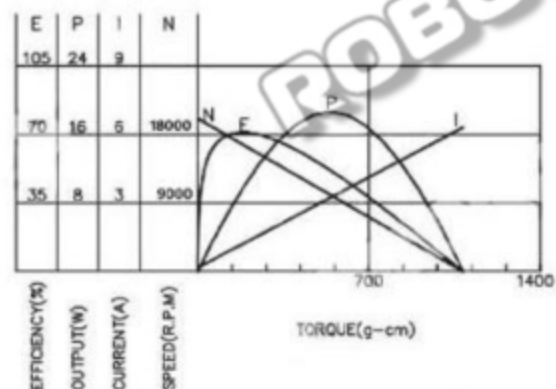
Encoder Pinouts

Encoder Type	Quad Encoder
Quad Encoder	13 Hall Sensor
Base Motor CPR	13*4=52
Red	EncA
Orange	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