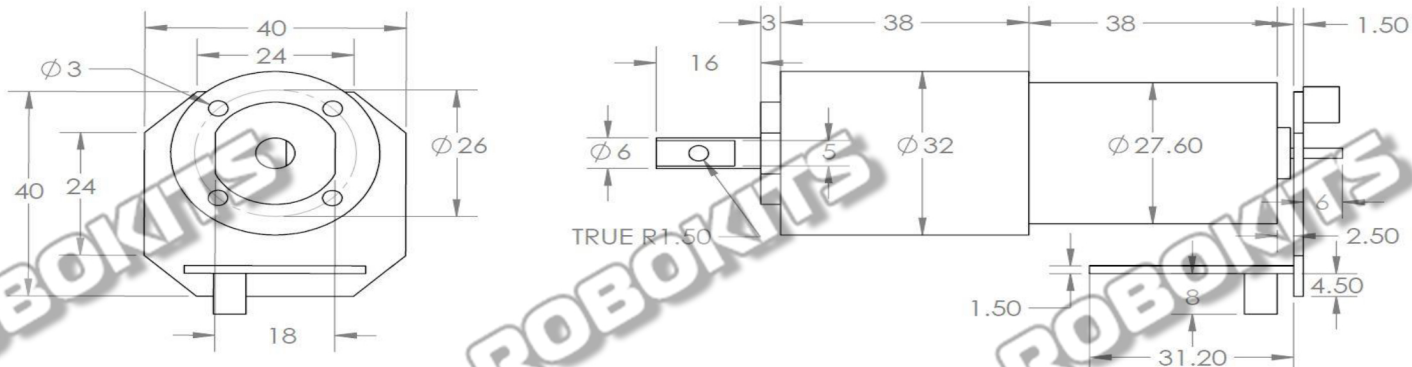


Model Number  
RMCS-2112

# Rhino Heavy Duty Planetary DC Geared Motor 100RPM 25Kgcm with Driver

## 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
Dimension	As per above mechanical drawing
Weight	300gm

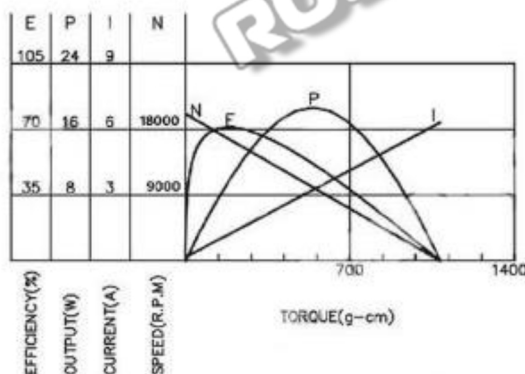
### Driver Pinouts

Support	UART / I2C / PPM / Analog Signal
GND	Black
SCL / PPM / Analog	Brown
SDA / Analog Sense	Red
UART TXD	Orange
UART RXD	Yellow
V+	Green



### 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