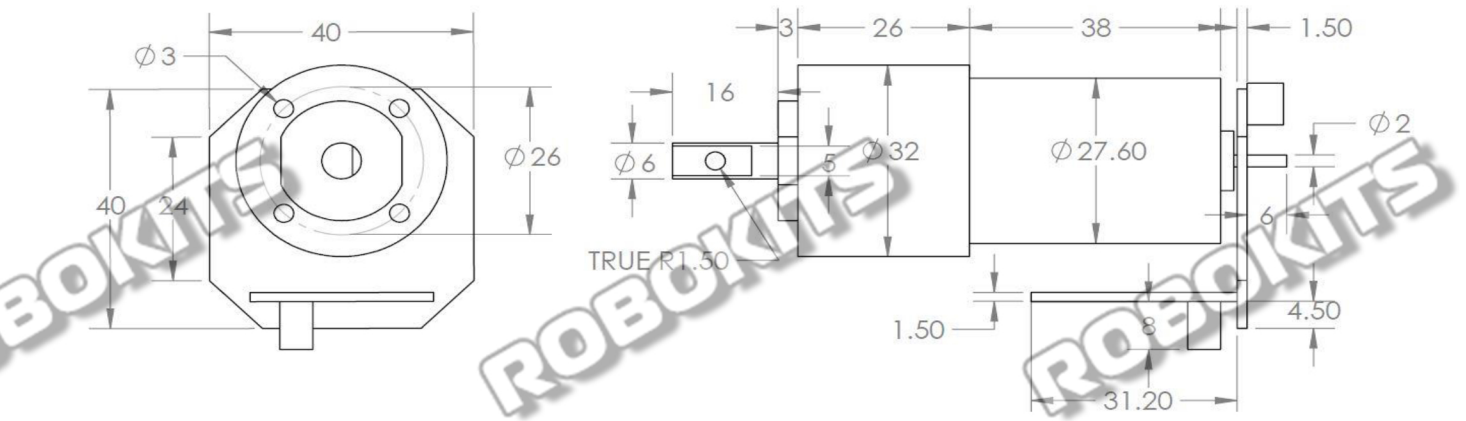
Model Number RMCS-2116	Rhino Heavy Duty Planetary DC Geared Motor 800RPM 3Kgcm with Driver

Mechanical Drawing (Dimensions are in mm)



Technical specifications of Motor

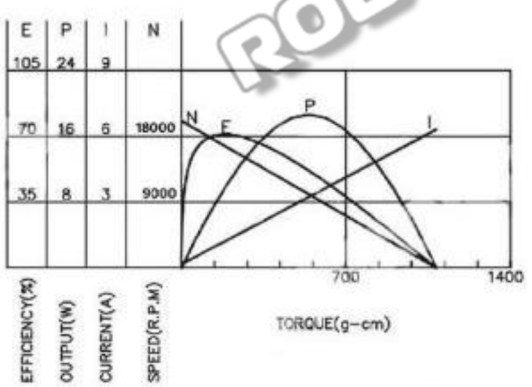
Motor Type	Planetary Geared Motor
Operating voltage	12V DC
Motor Speed at Output Shaft (RPM)	837RPM
Stall Torque(Kgcm)	12Kgcm
Rated Torque(Kgcm)	3Kgcm
Gear Ratio	1 : 21.5
Dimension	As per above mechanical drawing
Weight	300gm

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

RHINO

ROBOKITS