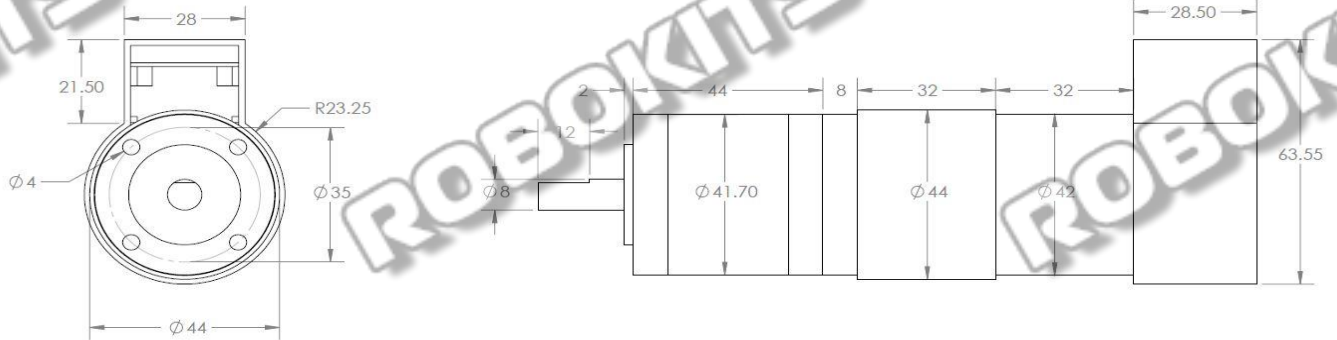


**Model Number**  
**RMCS-2082**

**Mega Torque DC Planetary Geared Encoder Servo Motor**  
**250W 50RPM 18VDC 352Kgcm**

**Mechanical Drawing (Dimensions are in mm)**



**Technical specifications of Motor**

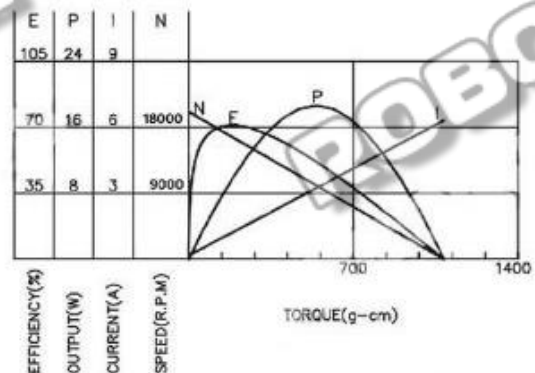
Motor Type	Mega Torque Planetary Geared Motor
Operating voltage	18V DC
Motor Speed at Output Shaft (RPM)	50RPM
Stall Torque(Kgcm)	400Kgcm
Rated Torque(Kgcm)	352Kgcm
Gear Ratio	1 : 335.3
CPR at Output Shaft of Motor	6,70,600
Weight	870gm

**Encoder Pinouts**

Encoder Type	Quad Encoder
Line Encoder	500 Line Encoder
Base Motor CPR	500*4=2000
Green	EncA
Yellow	EncB
Thick Black	Motor-
Thick Red	Motor+
Red	+5V DC
Black	Gnd

**Base Motor Specifications**

Nominal voltage(V)	18V
No-Load Speed (RPM)	18100
Rated Torque (gcm)	151
No-load current (A)	2.7 A
Load current(A)	18.7 A(Max)



**Base Motor Characteristic Graph**

