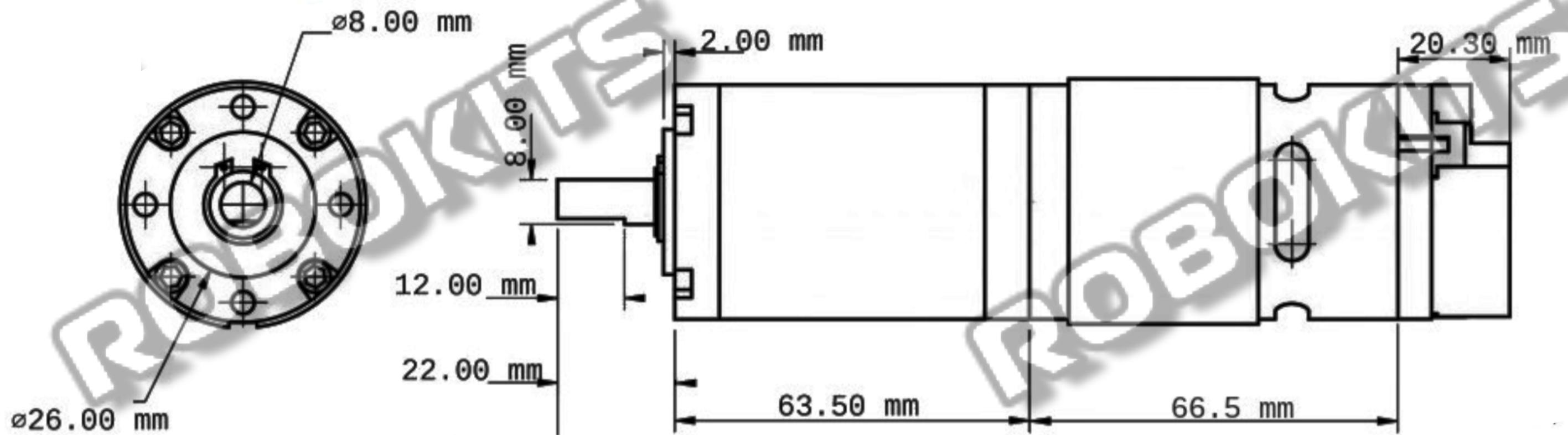


Model Number
RMCS-2081

MEGA TORQUE DC PLANETARY GEARED ENCODER SERVO MOTOR
250W 25RPM 18V 650KGCM

Mechanical Drawing (Dimensions are in mm)



Technical Specifications of Motor

Motor Type	MEGA TORQUE PLANETARY DC GEARED ENCODER
Operating Voltage	18 V DC
Motor Speed at Output Shaft (RPM)	31 RPM
Stall Torque (Kgcm)	845 Kgcm
Rated Torque (Kgcm)	650 Kgcm
Gear Ratio	1:625
Weight	0.870 Kg
Gearbox Breaking Torque (Kgcm)	200 Kgcm

Base Motor Specifications

Nominal Voltage (V)	18 V DC
No load Speed (RPM)	18100 RPM
Rated Torque (gcm)	1510 gcm
No-load current (A)	2.7 A
Load current (A)	18.7 A (Max)

Encoder Specifications

Encoder Type	Quad Encoder
Encoder PPR	13
Base Motor CPR	52
CPR at O/P Shaft	32500
VCC	5 V DC
GND	Gnd
M+	Motor +ive Node
M-	Motor -ive Node
A	Encoder Channel A
B	Encoder Channel B

