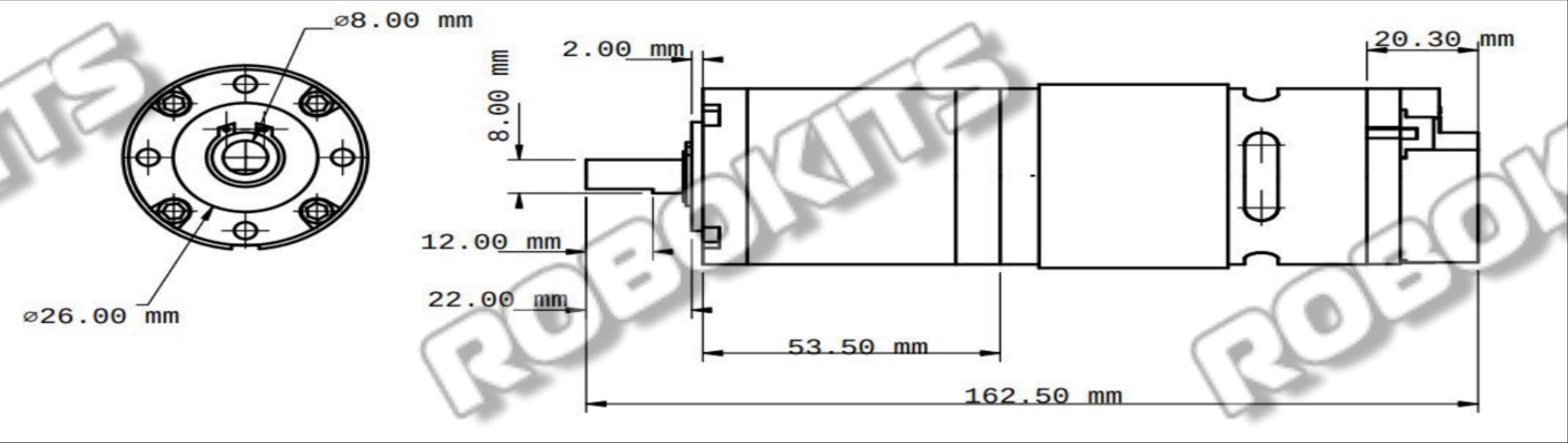


Model Number RMCS-2013	MEGA TORQUE DC PLANETARY GEARED ENCODER SERVO MOTOR 250W 300RPM 18V 92KGCM
---------------------------	---

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)	300 RPM
Stall Torque (Kgcm)	140 Kgcm
Rated Torque (Kgcm)	92 Kgcm
Gear Ratio	1:61
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	3172
VCC	5 V DC
GND	Gnd
M+	Motor +ive Node
M-	Motor -ive Node
A	Encoder Channel A
B	Encoder Channel B

