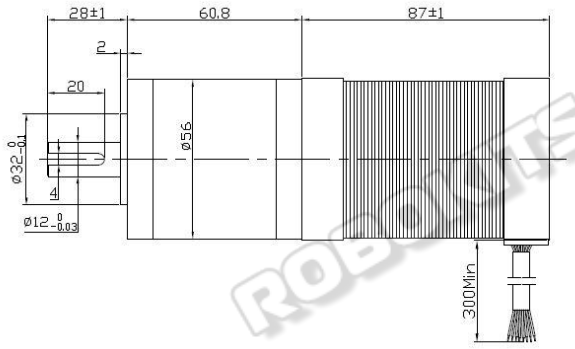
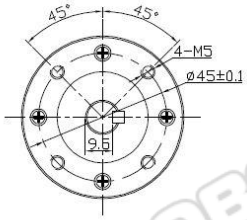
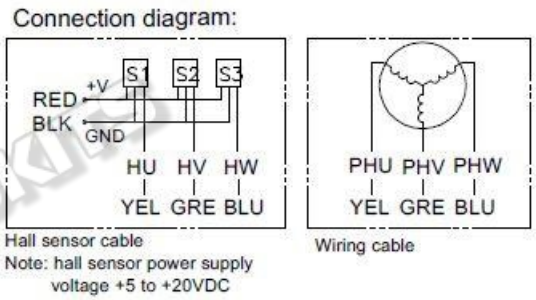
Model Number RMCS-2071	NEMA23 PLANETARY GEARED BLDC MOTOR 35KGCM 230RPM 100W

Mechanical Drawing (Dimensions are in mm)







Motor Specifications

Motor Type	Planetary Geared BLDC
Operating Voltage	24V DC
Motor Speed At Output Shaft (RPM)	230 RPM
Gear Ratio	1:96
Rated Torque (Kgcm)	210 Kgcm
Shaft Dia	12 mm
Weight	2.5 Kg

Base Motor Specifications

Number Of Poles	4
Phase To phase resistance	0.44 Ohms
Nominal Voltage	24V DC
No Load Speed	3800 Rpm
No Load Current	1 Amps Max
Rated Torque	0.33 N-m
Rated Speed	3000 RPM
Output Power	103W
Back EMF Constant	6.3 V/K RPM
Torque Constant	0.06 N-m/A
Insulation Class	B

Electrical Connections

+5V	RED
Hall U	YEL
Hall V	GRE
Hall W	BLU
GND	BLK
Phase	YEL
Phase V	GRE
Phase W	BLU

RHINO

ROBOKITS