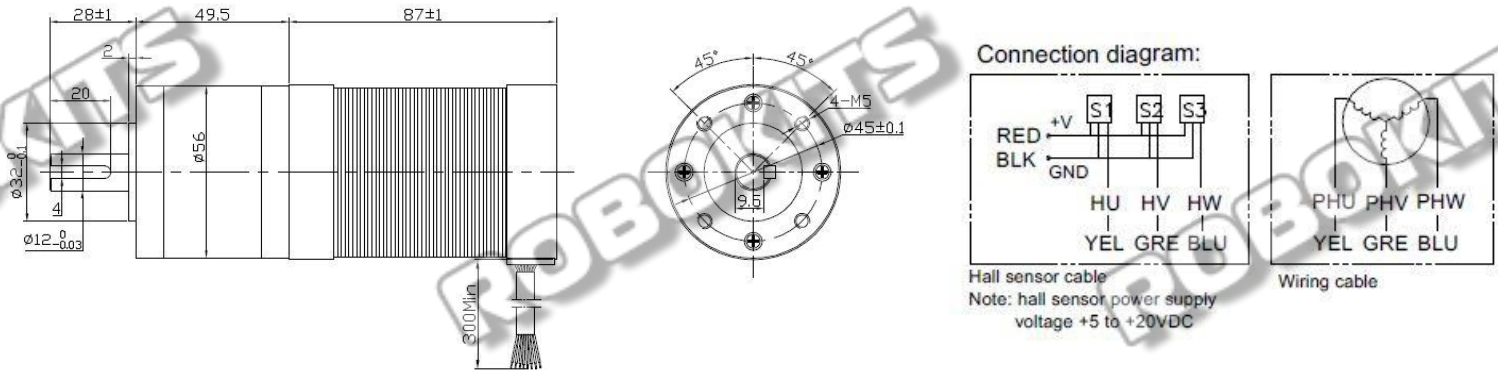


Model Number
RMCS-2070

NEMA23 Planetary Geared BLDC Motor 35Kgcm 230RPM
100W

Mechanical Drawing (Dimensions are in mm)



Technical specifications of Motor

Motor Type	Planetary Geared BLDC
Operating voltage	24V DC
Motor Speed at Output Shaft (RPM)	230RPM
Gear ratio	1 : 13
Rated Torque(Kgcm)	35Kgcm
Shaft Dia	12mm
Weight	2.0Kg

Electrical Connections

+5V	RED
HALL U	YEL
HALL V	GRE
HALL W	BLU
GND	BLK
PHASE U	YEL
PHASE V	GRE
PHASE W	BLU

Base Motor Specifications

Number of poles	4
Phase to phase resistance	0.44 Ohms
Nominal voltage	24 VDC
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/kRPM
Torque constant	0.06 N-m/A
Insulations class	B

