



ISL Products International

ø 57mm BLDC Motor
3-Phase Brushless
MOT-BL-57S3R-36V

Online ID#: BLDC-J57-87-36-4800-03

Our BLDC Motors are a high quality solution providing excellent speed and torque output with superior reliability and control.

With endless performance combinations, we have a fully tailored gear motor solution for you.

Contact Us for alternative solutions!



Specifications			
Motor Type:	Brushless - 4 Pole	No-Load Speed:	4,800 rpm (+/- 10%)
Rated Voltage:	36V DC	No-Load Current:	< 1 A
Rated Speed:	4,000 rpm	Back EMF:	7.5 V/krpm
Rated Torque:	3.2 kg.cm	Torque Constant:	0.734 kg.cm/A
Rated Current:	5.3 A	Max. Power:	240 W
Phase Resistance:	0.6 ohms	Termination Style:	Lead Wires (20/26AWG)

Dimensions

units: mm

Electrical Connection Table		
+5V	RED	UL1007 26 AWG
Hall U	YEL	
Hall V	GRE	
Hall W	BLU	
GRD	BLK	UL1007 20AWG
Phase U	YEL	
Phase V	GRE	
Phase W	BLU	

Note: hall sensor power supply voltage +5 to +20VDC

