



ISL Products International

ø 57mm BLDC Motor
3-Phase Brushless
MOT-BL-57S4R-36V

Online ID#: BLDC-I57-107-36-4800-04

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:	< 0.9 A
Rated Speed:	4,000 rpm	Back EMF:	7.5 V/krpm
Rated Torque:	4.5 kg.cm	Torque Constant:	0.72 kg.cm/A
Rated Current:	6.8 A	Max. Power:	300 W
Phase Resistance:	0.42 ohms	Termination Style:	Lead Wires (20/26AWG)

Dimensions

units: mm

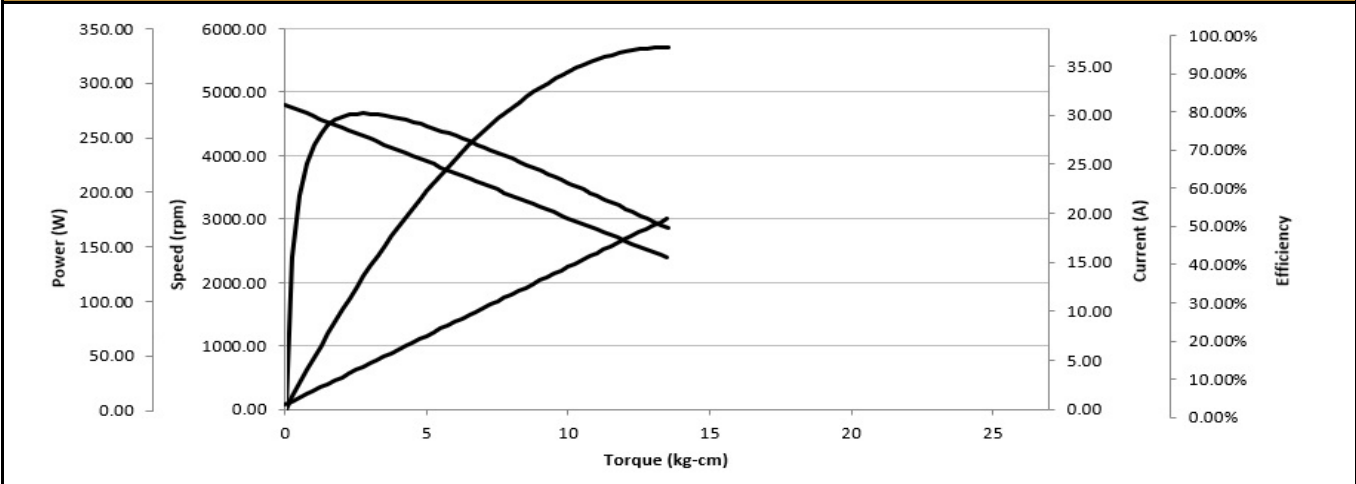
Electrical Connection Table

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

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

PHU PHV PHW
YEL GRE BLU

Performance Curve



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