



**ISL Products International**

**ø 57mm BLDC Motor**  
**3-Phase Brushless**  
**MOT-I-81576-CS**

Online ID#: **BLDC-I57-47-24-4800-CS**

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			
<b>Motor Type:</b>	Brushless (BLDC)	<b>No-Load Speed:</b>	4,800 rpm (+/- 10%)
<b>Rated Voltage:</b>	24V DC	<b>No-Load Current:</b>	< 0.65 A
<b>Rated Speed:</b>	4,000 rpm	<b>Back EMF:</b>	5 V/krpm
<b>Rated Torque:</b>	1.12 kg.cm	<b>Torque Constant:</b>	0.49 kg.cm/A
<b>Rated Current:</b>	3.2 A	<b>Max. Power:</b>	112 W
<b>Termination Style:</b>	Lead Wires (20AWG)	<b>Construction:</b>	4 Pole

### Dimensions

units: mm

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

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

