



**ISL Products International**

**ø86mm BLDC Motor**  
**3-Phase Brushless**  
**MOT-I-81542-A**

Online ID#:

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>	7,200 rpm (+/- 10%)
<b>Rated Voltage:</b>	24V DC	<b>No-Load Current:</b>	< 3 A
<b>Construction:</b>	8 Pole	<b>Stall Torque:</b>	48 kg.cm
<b>Rated Speed:</b>	6,100 rpm	<b>Max. Power:</b>	920 W
<b>Rated Torque:</b>	6.5 kg.cm	<b>Termination Style:</b>	Leads / Connector
<b>Rated Current:</b>	22 A	<b>Features:</b>	Internal PTC Thermistor

### Dimensions

Function Position		Leads		
Signal		U	V	W
Color		Red	Black	Green
Wire		12AWG		

Hall Sensors				Thermistor			
1	2	3	4	5	6	7	8
Hu	Hv	Hw	-	+			
Brown	Blue	Orange	Gray	Yellow		White	Black

units: mm

