



ISL Products International

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

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				
Motor Type:	Brushless (BLDC)		No-Load Speed:	7,600 rpm (+/- 10%)
Rated Voltage:	24V DC		No-Load Current:	< 3.5 A
Construction:	4 Pole		Stall Torque:	39 kg.cm
Rated Speed:	6,700 rpm		Max. Power:	770 W
Rated Torque:	5 kg.cm		Termination Style:	Leads / Connector
Rated Current:	18 A		Features:	Internal PTC Thermistor

Dimensions

units: mm

Function	Phases		
Position	U	V	W
Signal	Yellow	Blue	Green
Wire	12AWG		

Function	Hall Sensors				Thermistor	
Position	1	2	3	4	5	6
Signal	Hu	Hv	Hw	-	+	
Color	White	Orange	Black	Red		Brown
Wire	26AWG					

