

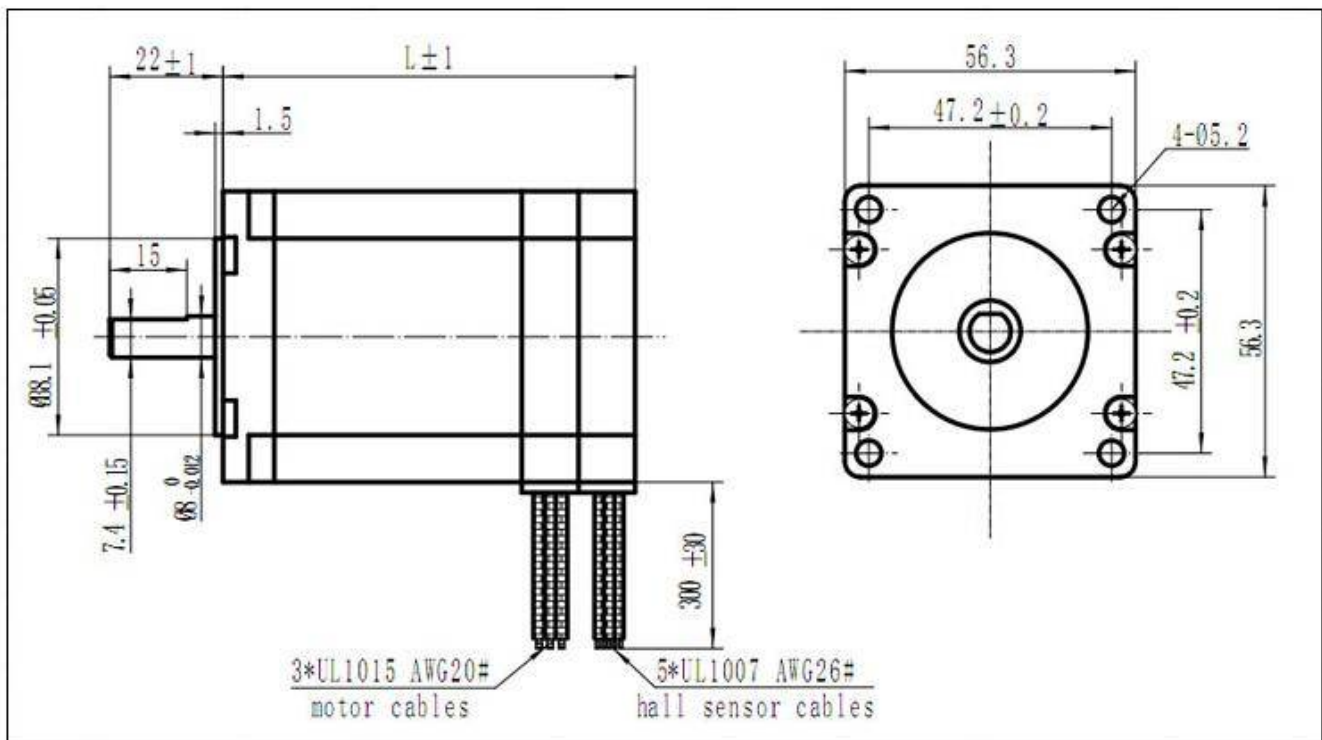
BRUSHLESS MOTOR-57BLF

Model:57BLF

Wring Type _____ Star
Hall Effect angle _____ 120°
Electrical angle Insulation _____ B
Temperature Range _____ -20?~+50?
Insulation Resistance _____ 100M? Min.500V DC
DC Dielectric Strength _____ 500V AC 1minute

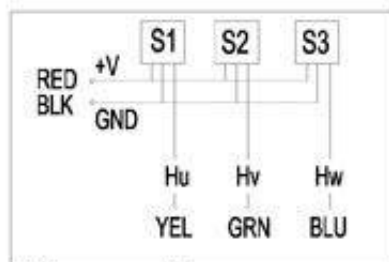
Model	57BLF01	57BLF02	57BLF03
Number of Poles	8		
Munber of phase	3		
Rated Voltage VDC	24		
Rated Speed RPM	3000		
Hording Torque N-m	0.2	0.4	0.6
Output Power Watts	63	125	188
Peak Torque N-m	0.6	1.2	1.8
Peak Current Amps	9.6	18.6	27.8
Line to Line Resistance Ohms	0.6	0.3	0.2
Line to Line Inductance mH	0.75	0.42	0.31
Torque Constant N-m/Amps	0.065	0.066	0.066
Back EMF V/kRPM	6.23	6.3	6.3
Rotor Ineria g-cm2	120	170	220
Body Length mm	59	80	101
Weight kg	0.65	1.0	1.4

Mechanical Dimensions

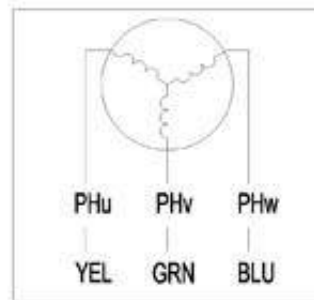


Wiring Diagram

Connection diagram:



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



Wiring cables

Product link : <https://www.longs-motor.com/?p=1073>