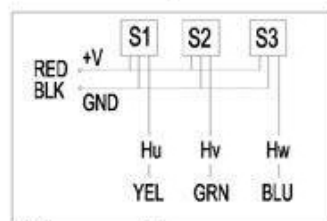


Brushless DC Motor 57BLF

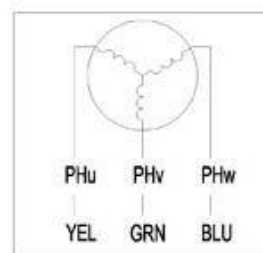


Model	57BLF01	57BLF02	57BLF03
Number of Poles	8	8	8
Number of Phases	3	3	3
Nominal Voltage (VDC)	24	24	24
Rated speed (RPM)	3000	3000	3000
Continuous Torque (N-m)	0.2	0.4	0.6
Rated Current (Amps)	4	7.8	12
Output Power (Watts)	63	125	188
Peak Torque(N-m)	0.6	1.2	1.8
Peak Current (Amps)	12	23.5	36
Torque constant (N-m/Amps)	0.065	0.066	0.066
Back EMF (V/kRPM)	6.23	6.3	6.3
Rotor inertia (g·cm ²)	120	170	220
Body Length (L) (mm)	59	80	101
Mass (kg)	0.59	0.92	1.24

Connection diagram:



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



Wiring cables

Product link : <https://www.act-motor.com/brushless-dc-motor-57blf-product/>