

BLDC motor 42BLF

Standard Data

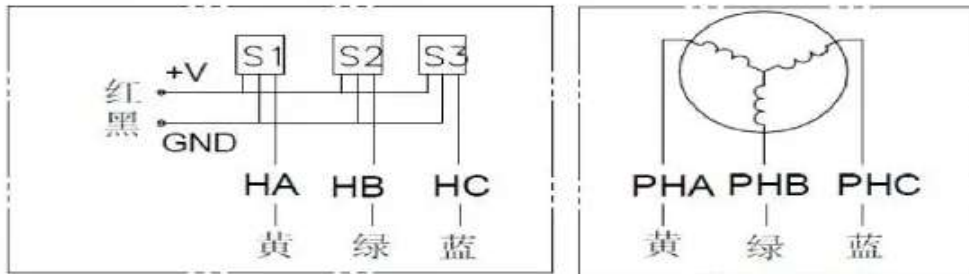
	26W	52W	78W
Model	42BLF01	42BLF02	42BLF03
Rated voltage	24VDC	24VDC	24VDC
Weight	0,33Kg	0,48Kg	0,63Kg
Dimension	42 x 42 x 47mm	42 x 42 x 63mm	42 x 42 x 79mm
Shaft dimension		Ø5,0 x 24mm	
Ambient temperature		-20...+50°C	
Mounting		any	
Lead wire lengths		300mm	
Winding type		3-phase star	
Insulation class		130	



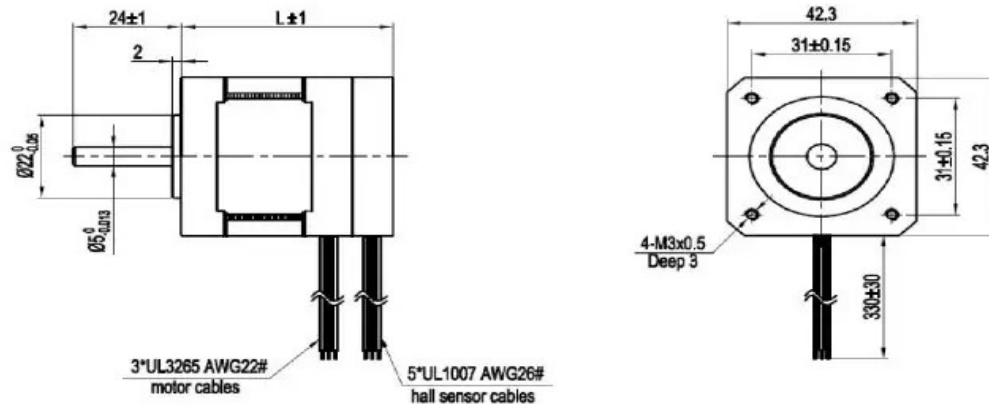
Performance Data

Rated Current	1,9A	3,4A	5,7A
Rated speed [rpm]	4000	4000	4000
Rated torque	63 mNm	125mNm	188mNm
Rated power	26W	52W	78W
Peak torque	180mNm	380mNm	750mNm
Torque constant	35mNm/A	36mNm/A	36mNm/A
All values measured at	20°C	20°C	20°C

Wiring diagramm



Dimension



BLDC Motor 57BLF

Standard Data

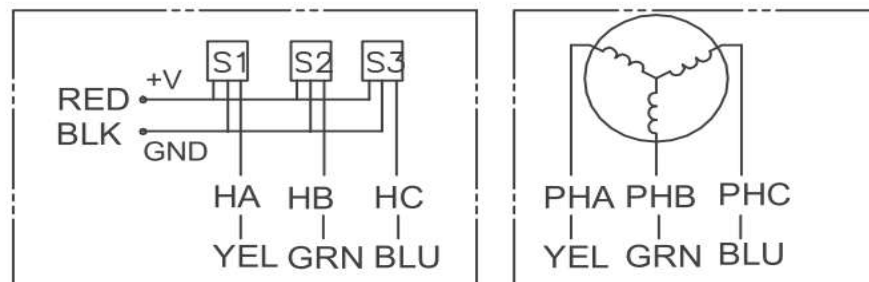
	63W	125W	188W	250W
Model	57BLF01	57BLF02	57BLF03	57BLF04
Rated voltage	24VDC	24VDC	24VDC	36VDC
Weight	0,65Kg	1,0Kg	1,4Kg	2,0Kg
Body lengths	48mm	69mm	90mm	111mm
Shaft dimension	Ø8,0 x 28mm			
Ambient temperature	-20...+50°C			
Mounting	any			
Lead wire lengths	300mm			
Winding type	3-phase star			
Insulation class	130			



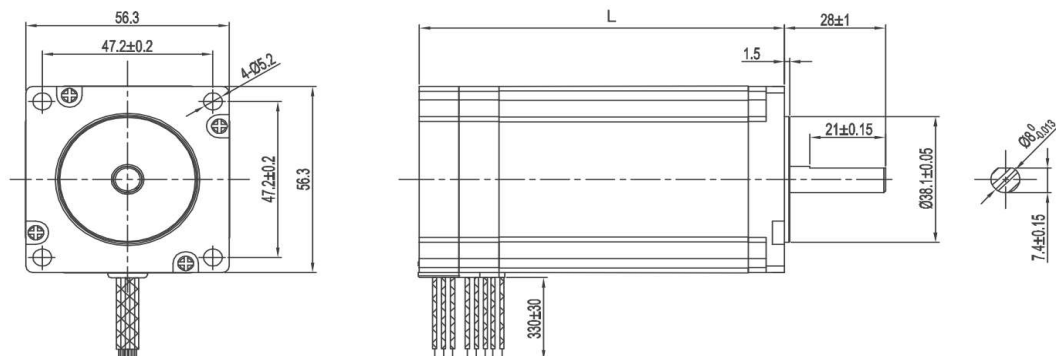
Performance Data

Rated Current	4A	7,8A	12A	15A
Rated speed [rpm]	3000	3000	3000	3000
Rated torque	0,2Nm	0,4Nm	0,6Nm	0,8Nm
Rated power	63W	125W	188W	250W
Peak torque	0,6Nm	1,2Nm	1,8Nm	2,4Nm
Torque constant	65mNm/A	66mNm/A	66mNm/A	66mNm/A
All values measured at	20°C	20°C	20°C	20°C

Wiring diagramm



Dimension



BLDC motor 86BLF

<u>Standard Data</u>	110W	220W	330W	440W	550W	660W
Model	86BLF04	86BLF03	86BLF02	86BLF01	86BLF06	86BLF07
Rated voltage	48VDC	48VDC	48VDC	48VDC	48VDC	48VDC
Weight	1,1Kg	1,75Kg	2,2Kg	2,75Kg	3,2Kg	3,75Kg
Body lengths	57mm	67mm	81mm	94mm	109mm	124mm

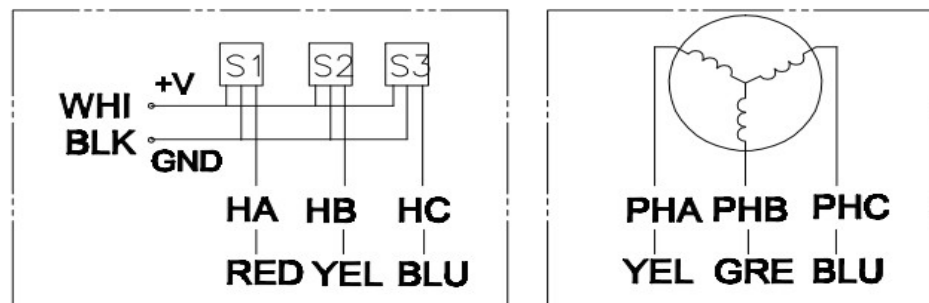
Shaft dimension	Ø12,7 x 25mm
Ambient temperature	-20...+50°C
Mounting	any
Lead wire lengths	300mm
Winding type	3-phase star
Insulation class	130



Performance Data

Rated Current	3,9A	6,6A	9,6A	14A	18A	22A
Rated speed [rpm]	3000	3000	3000	3000	3000	3000
Rated torque	0,35Nm	0,7Nm	1,05Nm	1,4Nm	1,8Nm	2,1Nm
Rated power	110W	220W	330W	440W	550W	660W
Peak torque	1,05Nm	2,1Nm	3,2Nm	4,2Nm	5,4Nm	6,3Nm
Torque constant	116mNm/A	115mNm/A	115mNm/A	115mNm/A	112mNm/A	111mNm/A
All values measured at	20°C	20°C	20°C	20°C	20°C	20°C

Wiring diagramm



Dimension

