

SPECIFICATION

Model		57BL45	57BL54	57BL74
1	N° OF POLE	4	4	4
2	N° OF PHASE	3	3	3
3	RATED VOLTAGE	V	36	36
4	RATED SPEED	rpm	4000	4000
5	RATED TORQUE	Nm	0,055	0,11
6	MAX PEAK TORQUE	Nm	0,16	0,39
7	TORQUE CONSTANT	Nm/A	0,052	0,061
8	LINE TO LINE RESISTANCE	Ω	4,1	1,5
9	LINE TO LINE INDUCTANCE	mH	10	4,4
10	MAX PEAK CURRENT	A	3,5	6,8
11	RATED CURRENT	A	1,06	1,80
12	NO-LOAD CURRENT	mA	240	300
13	LENGTH	mm	43,6	53,6
14	ROTOR INERTIA	$g \cdot cm^2$	30	75
15	WEIGHT	Kg	0,33	0,44

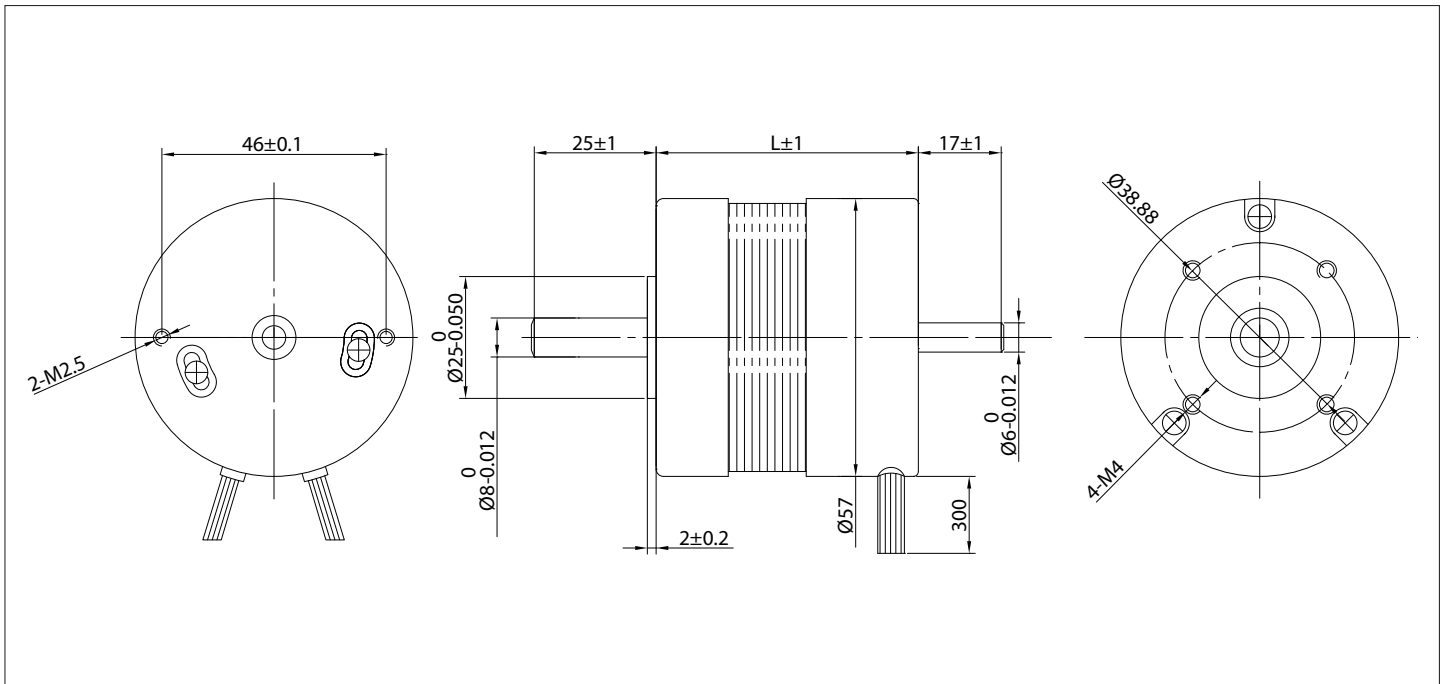


CONNECTION

Lead N°	Color	Gauge	Function
1	RED	UL1430 AWG26	VCC HALL SENSOR +5 TO +24 VDC
2	BLUE	UL1430 AWG26	HALL A
3	GREEN	UL1430 AWG26	HALL B
4	WHITE	UL1430 AWG26	HALL C
5	BLACK	UL1430 AWG26	HALL SENSOR GROUND
6	YELLOW	UL1430 AWG20	PHASE U
7	RED	UL1430 AWG20	PHASE V
8	BLACK	UL1430 AWG20	PHASE W

CHARACTERISTICS

Item	
HALL EFFECT ANGLE	120°
SHAFT RUN OUT	0,025 mm
INSULATION CLASS	B
RADIAL PLAY (460 g LOAD)	0,025 mm
AXIAL PLAY (4000 g LOAD)	0,025 mm
MAX RADIAL FORCE (10 mm FROM FRONT FLANGE)	75N
MAX AXIAL FORCE	15N
Dielectric Strength	500 VAC FOR ONE MINUTE
INSULATION RESISTANCE	100 Mohm min. 500 VDC



SPECIFICATION

Model		57BL94	57BL116
1	N° OF POLE	4	4
2	N° OF PHASE	3	3
3	RATED VOLTAGE	V	36
4	RATED SPEED	rpm	4000
5	RATED TORQUE	Nm	0,33
6	MAX PEAK TORQUE	Nm	1,27
7	TORQUE CONSTANT	Nm/A	0,065
8	LINE TO LINE RESISTANCE	Ω	0,45
9	LINE TO LINE INDUCTANCE	mH	1,5
10	MAX PEAK CURRENT	A	16
11	RATED CURRENT	A	5,08
12	NO-LOAD CURRENT	mA	450
13	LENGTH	mm	93,6
14	ROTOR INERTIA	g-cm ²	173
15	WEIGHT	Kg	0,95



CONNECTION

Lead N°	Color	Gauge	Function
1	RED	UL1430 AWG26	VCC HALL SENSOR +5 TO +24 VDC
2	BLUE	UL1430 AWG26	HALL A
3	GREEN	UL1430 AWG26	HALL B
4	WHITE	UL1430 AWG26	HALL C
5	BLACK	UL1430 AWG26	HALL SENSOR GROUND
6	YELLOW	UL1430 AWG20	PHASE U
7	RED	UL1430 AWG20	PHASE V
8	BLACK	UL1430 AWG20	PHASE W

CHARACTERISTICS

Item	
HALL EFFECT ANGLE	120°
SHAFT RUN OUT	0,025 mm
INSULATION CLASS	B
RADIAL PLAY (460 g LOAD)	0,025 mm
AXIAL PLAY (4000 g LOAD)	0,025 mm
MAX RADIAL FORCE (10 mm FROM FRONT FLANGE)	75N
MAX AXIAL FORCE	15N
DIELECTRIC STRENGTH	500 VAC FOR ONE MINUTE
INSULATION RESISTANCE	100 Mohm min. 500 VDC