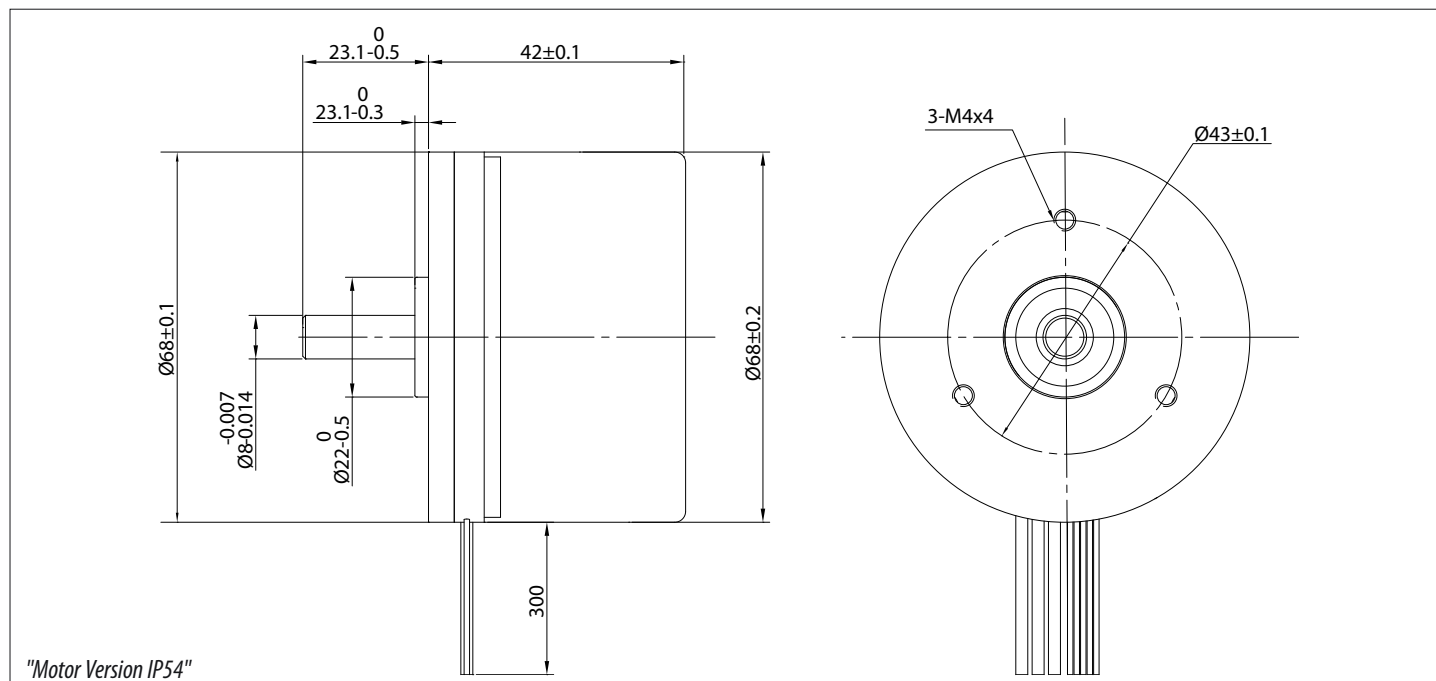




SPECIFICATION

Model		60BLW40-24V	60BLW40-48V
1	N° OF POLE	14	14
2	N° OF PHASE	3	3
3	RATED VOLTAGE	V	24
4	RATED SPEED	rpm	3700
5	RATED TORQUE	Nm	0,3
6	MAX PEAK TORQUE	Nm	0,9
7	TORQUE CONSTANT	Nm/A	0,05
8	LINE TO LINE RESISTANCE	Ω	0,3
9	LINE TO LINE INDUCTANCE	mH	0,3
10	MAX PEAK CURRENT	A	18
11	RATED CURRENT	A	1,6
12	NO-LOAD CURRENT	mA	800
13	LENGTH	mm	42
14	ROTOR INERTIA	g-cm ²	1500
15	WEIGHT	Kg	0,5



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 AWG18	PHASE U
7	RED	UL1430 AWG18	PHASE V
8	BLACK	UL1430 AWG18	PHASE W

CHARACTERISTICS

Item	
HALL EFFECT ANGLE	120°
SHAFT RUN OUT	0,025 mm
INSULATION CLASS	B
RADIAL PLAY (450 g LOAD)	0,02 mm
AXIAL PLAY (450 g LOAD)	0,14 mm
MAX RADIAL FORCE (10 mm FROM FRONT FLANGE)	28N
MAX AXIAL FORCE	10N
DIELECTRIC STRENGTH	500 VDC FOR ONE MINUTE
INSULATION RESISTANCE	100 Mohm min. 500 VDC