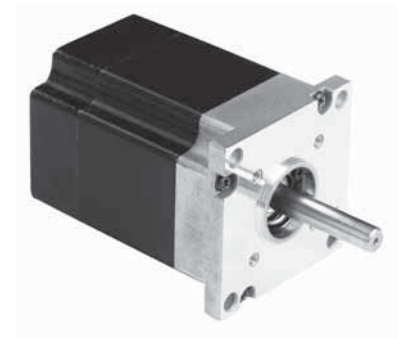


## SPECIFICATION

Model		57BLB40	57BLB60	57BLB80
1	N° OF POLE	8	8	8
2	N° OF PHASE	3	3	3
3	RATED VOLTAGE	V	36	36
4	RATED SPEED	rpm	3000	3000
5	RATED TORQUE	Nm	0,3	0,45
6	MAX PEAK TORQUE	Nm	0,9	1,35
7	TORQUE CONSTANT	Nm/A	0,08	0,08
8	LINE TO LINE RESISTANCE	Ω	1,2	0,8
9	LINE TO LINE INDUCTANCE	mH	1,2	0,6
10	MAX PEAK CURRENT	A	12,3	18,2
11	RATED CURRENT	A	3,75	5,63
12	NO-LOAD CURRENT	mA	400	550
13	LENGTH	mm	76	96
14	ROTOR INERTIA	g-cm <sup>2</sup>	210	320
15	WEIGHT	Kg	0,8	1



## CONNECTION

Lead N°	Color	Gauge	Function
1	RED	UL3265 AWG28	VCC HALL SENSOR +5 TO +24 VDC
2	YELLOW	UL3265 AWG28	HALL A
3	BLUE	UL3265 AWG28	HALL B
4	PURPLE	UL3265 AWG28	HALL C
5	BLACK	UL3265 AWG28	HALL SENSOR GROUND
6	RED	UL1430 AWG18	PHASE U
7	BLUE	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)	0,025 mm
AXIAL PLAY (4000 g LOAD)	0,025 mm
MAX RADIAL FORCE (10 mm FROM FRONT FLANGE)	115N
MAX AXIAL FORCE	45N
Dielectric Strength	500 VDC FOR ONE MINUTE
INSULATION RESISTANCE	100 Mohm min. 500 VDC