



SPECIFICATION

Model	90BLW40-48V	
1	N° OF POLE	22
2	N° OF PHASE	3
3	RATED VOLTAGE	V 48
4	RATED SPEED	rpm 1670
5	RATED TORQUE	Nm 0,964
6	MAX PEAK TORQUE	Nm 3
7	TORQUE CONSTANT	Nm/A 0,24
8	LINE TO LINE RESISTANCE	Ω 0,65
9	LINE TO LINE INDUCTANCE	mH 0,9
10	MAX PEAK CURRENT	A 13
11	RATED CURRENT	A 4
12	NO-LOAD CURRENT	mA 280
13	LENGTH	mm 40
14	ROTOR INERTIA	g-cm ² 5000
15	WEIGHT	Kg 1



CONNECTION

Pin N°	Connector	Function
3	MINI-FIT JR	VCC HALL SENSOR +5 - 24V
1	MINI-FIT JR	HALL A
2	MINI-FIT JR	HALL B
5	MINI-FIT JR	HALL C
6	MINI-FIT JR	GND
7	MINI-FIT JR	PHASE W
8	MINI-FIT JR	PHASE V
4	MINI-FIT JR	PHASE U

CHARACTERISTICS

Item	
HALL EFFECT ANGLE	120°
SHAFT RUN OUT	0,05 mm
INSULATION CLASS	B
RADIAL PLAY (450 g LOAD)	0,02 mm
AXIAL PLAY (450 g LOAD)	0,08 mm
MAX RADIAL FORCE (10 mm FROM FRONT FLANGE)	110N
MAX AXIAL FORCE	45N
DIELECTRIC STRENGTH	500 VAC FOR ONE MINUTE
INSULATION RESISTANCE	100 Mohm min. 500 VDC