



SPECIFICATION

Model		40BL36-18V	40BL36-36V	
1	N° OF POLE	14	14	
2	N° OF PHASE	3	3	
3	RATED VOLTAGE	V	18	36
4	RATED SPEED	rpm	8230	8740
5	RATED TORQUE	Nm	0,069	0,083
6	MAX PEAK TORQUE	Nm	0,21	0,25
7	TORQUE CONSTANT	Nm/A	0,017	0,034
8	LINE TO LINE RESISTANCE	Ω	0,34	0,84
9	LINE TO LINE INDUCTANCE	mH	0,18	0,64
10	MAX PEAK CURRENT	A	12,3	7,5
11	RATED CURRENT	A	4,06	2,44
12	NO-LOAD CURRENT	mA	354	192
13	LENGTH	mm	36	36
14	ROTOR INERTIA	g-cm ²	24,2	24,2
15	WEIGHT	Kg	0,24	0,24



CONNECTION

PIN N°	CONNECTOR	FUNCTION
1	UL1332 AWG26 MOLEX 430250600	PHASE W
2	UL1332 AWG26 MOLEX 430250600	PHASE V
3	UL1332 AWG26 MOLEX 430250600	PHASE U
1	UL1332 AWG20 MOLEX 39012040	HALL A
2	UL1332 AWG20 MOLEX 39012040	HALL B
3	UL1332 AWG20 MOLEX 39012040	HALL C
4	UL1332 AWG20 MOLEX 39012040	VCC HALL SENSOR +5 TO 24 VDC
5	UL1332 AWG20 MOLEX 39012040	HALL SENSOR GROUND

CHARACTERISTICS

Item	
HALL EFFECT ANGLE	120°
SHAFT RUN OUT	0,05 mm
INSULATION CLASS	F
RADIAL PLAY	PRELOADED
AXIAL PLAY (9N LOAD)	0,15 mm
MAX RADIAL FORCE (5 mm FROM FRONT FLANGE)	15N
MAX AXIAL FORCE	5N
DIELECTRIC STRENGTH	500 VAC FOR ONE SECOND
INSULATION RESISTANCE	100 Mohm min. 500 VDC