



SPECIFICATION

Model		22BL45	22BL70	
1	N° OF POLE	8	8	
2	N° OF PHASE	3	3	
3	RATED VOLTAGE	V	24	24
4	RATED SPEED	rpm	4600	3800
5	RATED TORQUE	Nm	0,008	0,02
6	MAX PEAK TORQUE	Nm	0,024	0,06
7	TORQUE CONSTANT	Nm/A	0,0302	0,0355
8	LINE TO LINE RESISTANCE	Ω	23	11,6
9	LINE TO LINE INDUCTANCE	mH	6,2	4,2
10	MAX PEAK CURRENT	A	1,1	2
11	RATED CURRENT	A	0,26	0,56
12	NO-LOAD CURRENT	mA	150	120
13	LENGTH	mm	45	68
14	ROTOR INERTIA	g-cm ²	0,66	1,32
15	WEIGHT	Kg	0,07	0,12



CONNECTION

Lead N°	Color	Gauge	Function
1	YELLOW	UL1430 AWG28	VCC HALL SENSOR +5 TO +24 VDC
2	BLUE	UL1430 AWG28	HALL A
3	ORANGE	UL1430 AWG28	HALL B
4	BROWN	UL1430 AWG28	HALL C
5	WHITE	UL1430 AWG28	HALL SENSOR GROUND
6	GREEN	UL1430 AWG26	PHASE U
7	RED	UL1430 AWG26	PHASE V
8	BLACK	UL1430 AWG26	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)	0,08 mm
MAX RADIAL FORCE (10 MM FROM FRONT FLANGE)	10N
MAX AXIAL FORCE	2N
DIELECTRIC STRENGTH	360 VAC FOR ONE SECOND
INSULATION RESISTANCE	100 Mohm min. 500 VDC