



## SPECIFICATION

Model		28BL26	28BL38	28BL77
1	N° OF POLE	4	4	4
2	N° OF PHASE	3	3	3
3	RATED VOLTAGE	V	15	24
4	RATED SPEED	rpm	8000	3100
5	RATED TORQUE	Nm	0,005	0,016
6	MAX PEAK TORQUE	Nm	0,015	0,048
7	TORQUE CONSTANT	Nm/A	0,0143	0,024
8	LINE TO LINE RESISTANCE	$\Omega$	8,2	20,5
9	LINE TO LINE INDUCTANCE	mH	2,3	7,4
10	MAX PEAK CURRENT	A	1,3	2
11	RATED CURRENT	A	0,35	0,67
12	NO-LOAD CURRENT	mA	200	200
13	LENGTH	mm	26	38
14	ROTOR INERTIA	g-cm <sup>2</sup>	2,35	3,69
15	WEIGHT	Kg	0,06	0,082



## CONNECTION

Lead N°	Color	Gauge	Function
1	YELLOW	UL1430 AWG26	VCC HALL SENSOR +5 TO +24 VDC
2	BLUE	UL1430 AWG26	HALL A
3	ORANGE	UL1430 AWG26	HALL B
4	BROWN	UL1430 AWG26	HALL C
5	WHITE	UL1430 AWG26	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 MINUTE
INSULATION RESISTANCE	100 Mohm min. 500 VDC