



SPECIFICATION

Model	24CBL30	
1	N° OF POLE	6
2	N° OF PHASE	3
3	RATED VOLTAGE	V 12
4	RATED SPEED	rpm 4000
5	RATED TORQUE	Nm 0,006
6	MAX PEAK TORQUE	Nm 0,017
7	TORQUE CONSTANT	Nm/A 0,02
8	LINE TO LINE RESISTANCE	Ω 7,3
9	LINE TO LINE INDUCTANCE	mH 1,7
10	NO-LOAD CURRENT	mA 190
11	MAX PEAK CURRENT	A 0,9
12	RATED CURRENT	A 0,3
13	LENGTH	mm 30
14	ROTOR INERTIA	g-cm ² 2,3
15	WEIGHT	Kg 0,1



CONNECTION

Lead N°	Color	Gauge	Function
1	RED	UL1430 AWG28	VCC HALL SENSOR +5 TO +24 VDC
2	BLUE	UL1430 AWG28	HALL A
3	GREEN	UL1430 AWG28	HALL B
4	WHITE	UL1430 AWG28	HALL C
5	BLACK	UL1430 AWG28	HALL SENSOR GROUND
6	YELLOW	UL1430 AWG22	PHASE U
7	RED	UL1430 AWG22	PHASE V
8	BLACK	UL1430 AWG22	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)	0,06 mm
MAX RADIAL FORCE (10 MM FROM FRONT FLANGE)	4N
MAX AXIAL FORCE	4N
DIELECTRIC STRENGTH	500 VDC FOR ONE MINUTE
INSULATION RESISTANCE	100 Mohm min. 500 VDC