



SPECIFICATION

Model		36RBL40	36RBL57	
1	N° OF POLE	8	8	
2	N° OF PHASE	3	3	
3	RATED VOLTAGE	V	24	24
4	RATED SPEED	rpm	4800	4500
5	RATED TORQUE	Nm	0,036	0,05
6	MAX PEAK TORQUE	Nm	0,1	0,15
7	TORQUE CONSTANT	Nm/A	0,032	0,039
8	LINE TO LINE RESISTANCE	Ω	2,4	2
9	LINE TO LINE INDUCTANCE	mH	2,1	2
10	MAX PEAK CURRENT	A	3,7	4,1
11	RATED CURRENT	A	1,13	1,28
11	NO-LOAD CURRENT	mA	270	340
12	LENGTH	mm	40	57
13	ROTOR INERTIA	$\text{g}\cdot\text{cm}^2$	14	24
14	WEIGHT	Kg	0,16	0,25



CONNECTION

Lead N°	Color	Gauge	Function
1	RED	UL1430 AWG26	VCC HALL SENSOR +5 TO +24 VDC
2	BLUE	UL1430 AWG26	HALL A
3	GREEN	UL1430 AWG26	HALL B
4	WHITE	UL1430 AWG26	HALL C
5	BLACK	UL1430 AWG26	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)	0,08 mm
MAX RADIAL FORCE (10 mm FROM FRONT FLANGE)	15N
MAX AXIAL FORCE	10N
Dielectric Strength	500 VDC FOR ONE MINUTE
INSULATION RESISTANCE	100 Mohm min. 500 VDC