



SPECIFICATION

Model		2163796	2163797
1	N° OF POLE	14	14
2	N° OF PHASE	3	3
3	RATED VOLTAGE	V 24	48
4	RATED SPEED	rpm 3700	3700
5	RATED TORQUE	Nm 0,3	0,3
6	MAX PEAK TORQUE	Nm 0,9	0,9
7	TORQUE CONSTANT	Nm/A 0,05	0,1
8	LINE TO LINE RESISTANCE	Ω 0,3	1,1
9	LINE TO LINE INDUCTANCE	mH 0,3	1,4
10	MAX PEAK CURRENT	A 18	9
11	RATED CURRENT	A 6	3
12	NO-LOAD CURRENT	mA 800	400
13	LENGTH	mm 38	38
14	ROTOR INERTIA	g-cm ² 1500	1500
15	WEIGHT	Kg 0,5	0,5



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 AWG18	PHASE U
7	RED	UL1430 AWG18	PHASE V
8	BLACK	UL1430 AWG18	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)	0,14 mm
MAX RADIAL FORCE (10 mm FROM FRONT FLANGE)	28N
MAX AXIAL FORCE	10N
DIELECTRIC STRENGTH	500 VDC FOR ONE MINUTE
INSULATION RESISTANCE	100 Mohm min. 500 VDC