



### SPECIFICATION

Model	2163787	
1 N° OF POLE		8
2 N° OF PHASE		3
3 RATED VOLTAGE	V	12
4 RATED SPEED	rpm	2800
5 RATED TORQUE	Nm	0,025
6 MAX PEAK TORQUE	Nm	0,075
7 TORQUE CONSTANT	Nm/A	0,025
8 LINE TO LINE RESISTANCE	Ω	3
9 LINE TO LINE INDUCTANCE	mH	1,9
10 MAX PEAK CURRENT	A	3,2
11 RATED CURRENT	A	1
12 NO-LOAD CURRENT	mA	190
13 LENGTH	mm	17,9
14 ROTOR INERTIA	g-cm <sup>2</sup>	35
15 WEIGHT	Kg	0,05



### CONNECTION

Pin N°	Connector	Function
1	PFC CABLE	+ 5VDC
2	PFC CABLE	HALL C
3	PFC CABLE	HALL A
4	PFC CABLE	HALL B
5	PFC CABLE	GND
6	PFC CABLE	PHASE W
7	PFC CABLE	PHASE V
8	PFC CABLE	PHASE U

### CHARACTERISTICS

Item	
HALL EFFECT ANGLE	120°
SHAFT RUN OUT	0,03 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)	14N
MAX AXIAL FORCE	4N
DIELECTRIC STRENGTH	250 VAC FOR ONE MINUTE
INSULATION RESISTANCE	100 Mohm min. 500 VDC