



SPECIFICATION

Model		20SH33-0604A	20SH42-0804A	
1	RATED VOLTAGE	V	3,96	4,32
2	CURRENT/PHASE	A	0,6	0,8
3	RESISTANCE/PHASE	Ω	6,5	5,4
4	INDUCTANCE/PHASE	mH	1,7	1,5
5	HOLDING TORQUE	Nm	0,0176	0,03
6	ROTOR INERTIA	$\text{g}\cdot\text{cm}^2$	2	3,6
7	WEIGHT	Kg	0,06	0,08
8	NUMBER OF LEADS		4	4
9	LENGTH	mm	33	42

CHARACTERISTICS

STEP ANGLE	1,8°
STEP ANGLE ACCURACY	$\pm 5\%$
INSULATION CLASS	B
AMBIENT TEMPERATURE	-20°C +50°C
MAX TEMP. RISE (RATED CURRENT, 2 PHASE ON)	80°C
INSULATION RESISTANCE	100 Mohm min. 500 VDC
DIELECTRIC STRENGTH	500 VAC FOR ONE MINUTE
MAX SHAFT RADIAL PLAY (450 g LOAD)	0,02 mm
MAX SHAFT AXIAL PLAY (450 g LOAD)	0,08 mm
MAX RADIAL FORCE (20 mm FROM FRONT FLANGE)	28 N
MAX AXIAL FORCE	2 N

CONNECTION

Lead N°	Color	Gauge	Function
1	BLACK	UL1061 AWG28	PHASE A
2	GREEN	UL1061 AWG28	PHASE A-
3	RED	UL1061 AWG28	PHASE B
4	BLUE	UL1061 AWG28	PHASE B-
UNIPOLAR MOTOR			
5	YELLOW	UL1061 AWG28	COM PHASE A
6	WHITE	UL1061 AWG28	COM PHASE B

