

SPECIFICATION

Model		57STC76-2804AC	57STC76-4204AC	
1	RATED VOLTAGE	V	3,6	2,3
2	CURRENT/PHASE	A	2,8	4,2
3	RESISTANCE/PHASE	Ω	1,3	0,55
4	INDUCTANCE/PHASE	mH	5,3	2,1
5	HOLDING TORQUE	Nm	2,3	2,3
6	ROTOR INERTIA	$g \cdot cm^2$	480	480
7	DETENT TORQUE	$Kg \cdot cm$	0,68	0,68
8	WEIGHT	Kg	1,2	1,2
9	NUMBER OF LEADS		4	4
10	LENGTH	mm	76	76

CHARACTERISTICS

STEP ANGLE	1,8°
STEP ANGLE ACCURACY	± 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)	20 N
MAX AXIAL FORCE	15 N

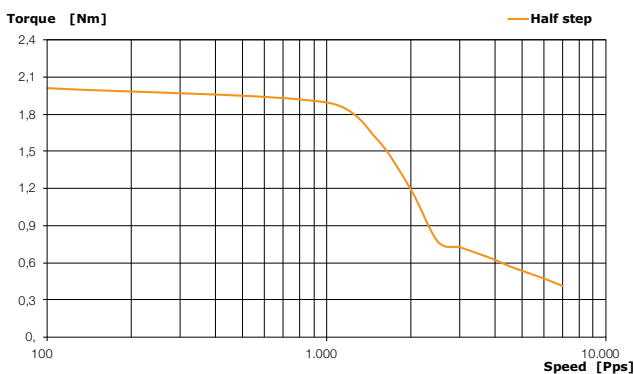
CONNECTION

Lead N°	Color	Gauge	Function
1	BLACK	UL1430 AWG22	PHASE A
2	GREEN	UL1430 AWG22	PHASE A-
3	RED	UL1430 AWG22	PHASE B
4	BLUE	UL1430 AWG22	PHASE B-



STEPPER MOTOR

57STC76-2404AC VM: 24V; 2,4A /Phase Driver: SMD 103



57STC76-4204AC VM: 24V; 4,2A /Phase Driver: SMD 103

