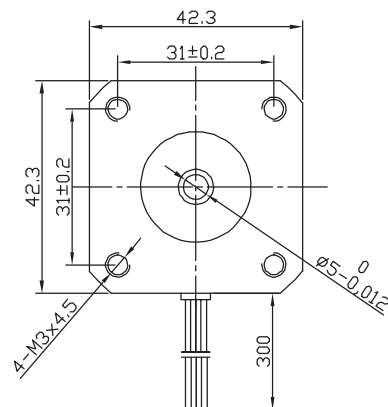
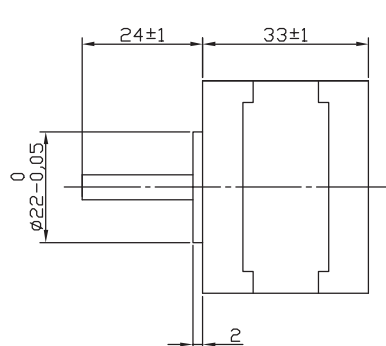


42SH33

High Torque Hybrid
42MM 1,8°



Dimensions in mm.

Characteristics

STEP ANGLE
1,8°

STEP ANGLE ACCURACY
± 5%

INSULATION CLASS
B

AMBIENT TEMPERATURE
-20°C +50°C

TEMP. RISE
80°C MAX (RATED CURRENT, 2 PHASE ON)

INSULATION RESISTANCE
100 M OHM MIN. 500 VDC

DIELECTRIC STRENGTH
500 VAC FOR ONE MINUTE

SHAFT RADIAL PLAY
0,02 MAX (450 G LOAD)

SHAFT AXIAL PLAY
0,08 MAX. (450 G LOAD)

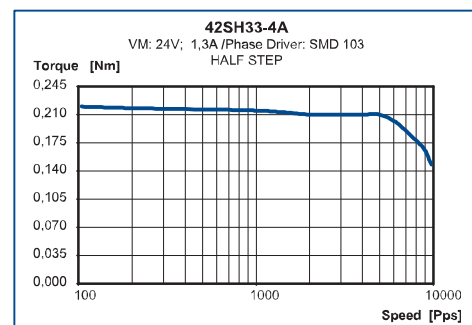
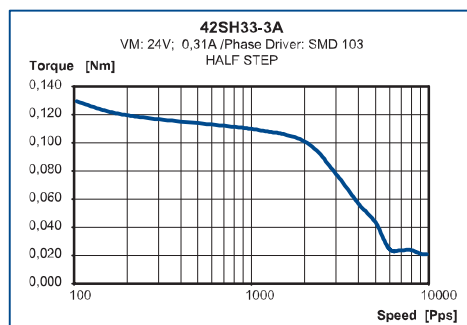
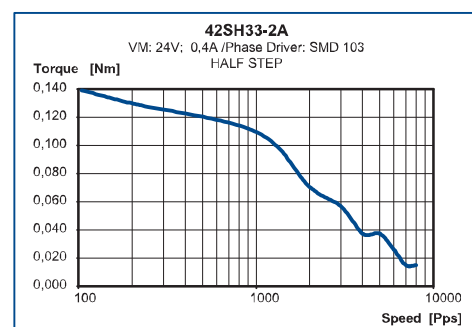
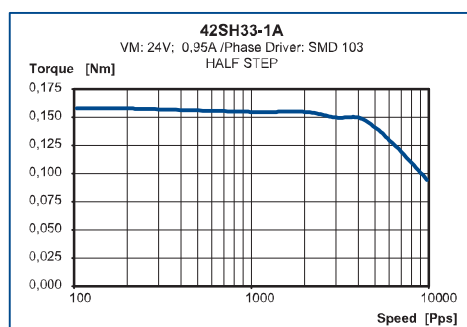
MAX RADIAL FORCE
28 N (20 MM FROM FRONT FLANGE)

MAX AXIAL FORCE
10 N

Specifications

MODEL		42SH33-1A	42SH33-2A	42SH33-3A	42SH33-4A
1	RATED VOLTAGE V	4	9,6	12	2,8
2	CURRENT/PHASE A	0,95	0,4	0,31	1,33
3	RESISTANCE/PHASE Ω	4,2	24	38,5	2,1
4	INDUCTANCE/PHASE mH	2,5	15	21	2,5
5	HOLDING TORQUE NM	0,158	0,158	0,158	0,22
6	ROTOR INERTIA g·CM ²	35	35	35	35
7	WEIGHT Kg	0,22	0,22	0,22	0,22
8	NUMBER OF LEADS N°	6	6	6	4

Speed vs. Torque Characteristics



Connection

1	BLACK	UL1007 AWG24	PHASE A
2	GREEN	UL1007 AWG24	PHASE A-
3	RED	UL1007 AWG24	PHASE B
4	BLUE	UL1007 AWG24	PHASE B-
UNIPOLAR MOTOR			
5	YELLOW	UL1007 AWG24	COM PHASE A
6	WHITE	UL1007 AWG24	COM PHASE B