

Dimensions in mm.

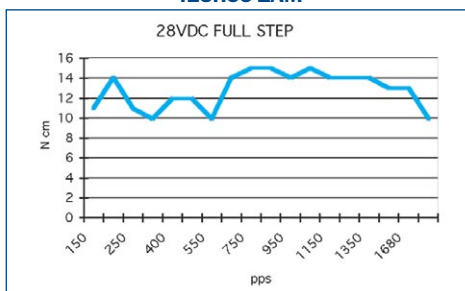
Specifications

MODEL		42SH33-1AM	42SH33-2AM	42SH33-3AM	42SH33-4AM
1	STEP ANGLE	0,9°	0,9°	0,9°	0,9°
2	STEP ANGLE ACCURACY (FULL STEP, NO LOAD) %	± 5%	± 5%	± 5%	± 5%
3	RATED VOLTAGE V	4	6	12	2,8
4	CURRENT/PHASE A	0,95	0,6	0,31	1,33
5	RESISTANCE/PHASE Ω	4,2	10	38,5	2,1
6	INDUCTANCE/PHASE mH	2,5	6,1	21	2,5
7	DETENT TORQUE mNm	20	20	20	20
8	HOLDING TORQUE Ncm	15,8	15,8	15,8	22
9	ROTOR INERTIA g-cm ²	35	35	35	35
10	WEIGHT Kg	0,22	0,22	0,22	0,22
11	NUMBER OF LEADS N°.	6	6	6	4

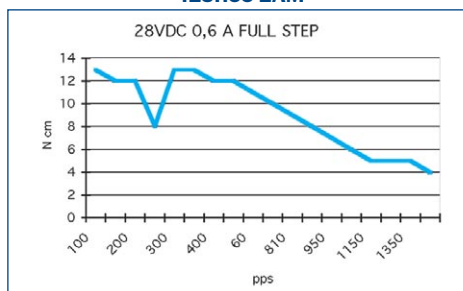
42SH...-A single shaft • 42SH...-B double shaft

Speed vs. Torque Characteristics

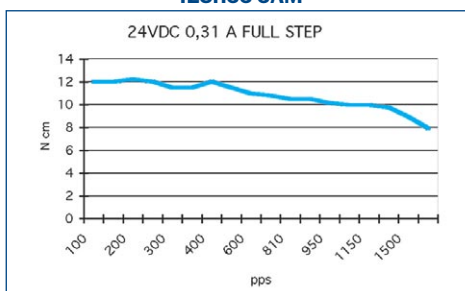
42SH33-1AM



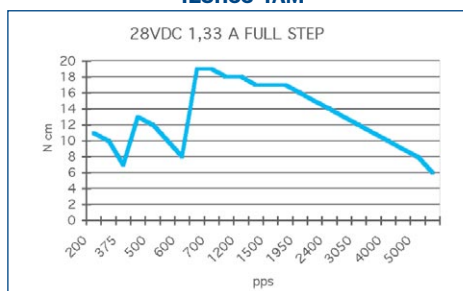
42SH33-2AM



42SH33-3AM



42SH33-4AM



Characteristics

RESISTANCE ACCURACY

± 10%

INDUCTANCE ACCURACY

± 20%

TEMPERATURE RISE

80° C max. (rated current, 2 phase on)

AMBIENT TEMPERATURE

-10° C - + 50° C

INSULATION RESISTANCE

100 M Ω min., 500 VDC

DIELECTRIC STRENGTH

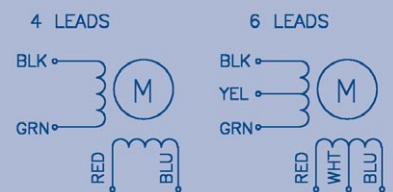
500 VAC for one minute

SHAFT RADIAL PLAY

0,06 max. (450 g-load)

SHAFT AXIAL PLAY

0,08 max. (450 g-load)



AVAILABLE OPTIONS

Motor modifications:

custom winding, special bearing, special tap.

Shaft modifications:

flat, pinion, keyway, length.

Leadwire modifications:

wire type, wire color, wire length, connector installation.