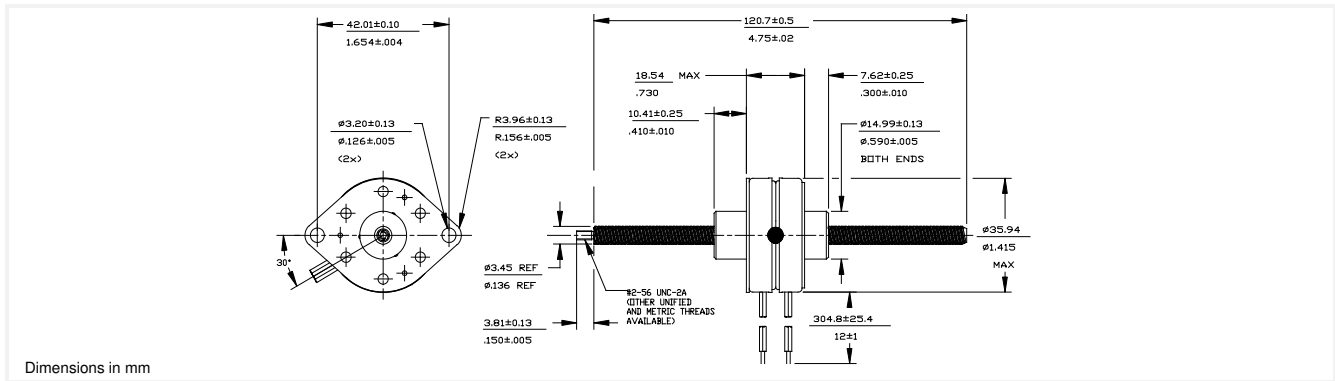


35DBM-L

RoHS Compliant

Ø35mm

28.9 N



Dimensions in mm

35DBM-L

Electrical Data	35DBMXXB1B-L Bipolar	35DBMXXB2B-L Bipolar	35DBMXXB1U-L Unipolar	35DBMXXB2U-L Unipolar	
1 Operating Voltage #	5	12	5	12	VDC
2 Resistance per Phase, ± 10%	10.0	58.0	10.0	58.0	Ohms
3 Inductance per Phase, typ	11.2	60.0	5.2	30.0	mH
4 Rated Current per Phase, 1 Phase ON	0.71	0.30	0.71	0.30	A
5 Input Power	5.0	5.0	5.0	5.0	W
Coil independent parameters		XX Linear travel per step			
6 Min. Holding Force @ rated current	10 @ .001" (0.0254mm)	28.9 (103.9)	20.9 (75)		N (oz)
	20 @ .002" (0.0508mm)	23.6 (84.9)	15.3 (55)		N (oz)
	30 @ .003" (0.0762mm)	13.3 (47.8)	8.3 (30)		N (oz)
7 Min. Holding Force (Unenergized)	10 @ .001" (0.0254mm)		11.1 (40)		N (oz)
	20 @ .002" (0.0508mm)		2.8 (10)		N (oz)
	30 @ .003" (0.0762mm)		1.4 (5)		N (oz)
8 Stroke Length, Typ			63.5 (2.5)		mm (in)
9 Linear Travel Accuracy			± 1 Step		
10 Steps per Revolution			48		
11 Ambient Temperature Range (operating)			-20 to +70 (-4 to +158)		°C (°F)
12 Maximum Coil Temperature			130 (266)		°C (°F)
13 Bearing Type			Ball Bearing		
14 Insulation Resistance at 500 VDC			20		Mohms
15 Dielectric Withstanding Voltage			650 for 2 seconds		VAC
16 Weight			85.2 (3)		g (oz)
17 Leadwire			AWG 26, UL 1429		

All Motor Data Values at 20°C Unless Otherwise Specified

Voltage in case of voltage driver (indicator of R*)

