

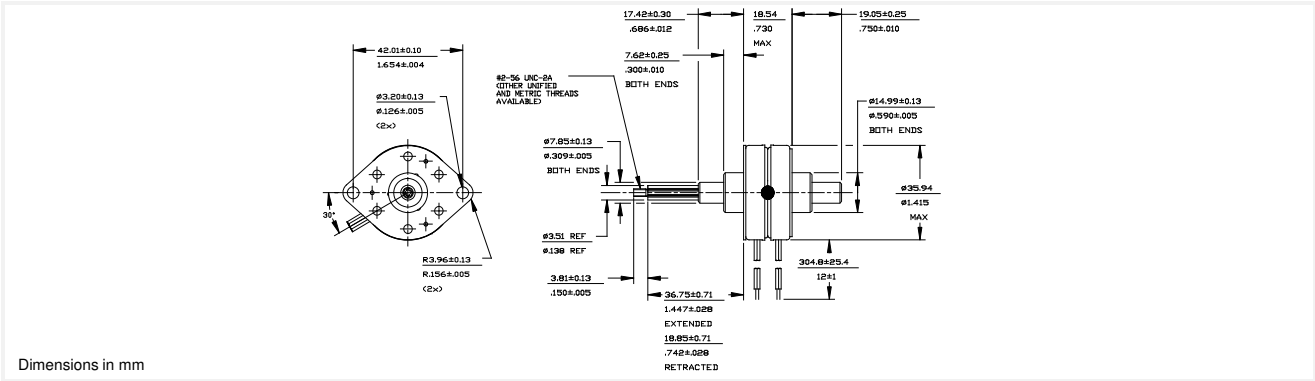
Can Stack Stepper Linear Actuators

35DBM-K

RoHS Compliant

Ø35mm

28.9 N



Dimensions in mm

35DBM-K

Electrical Data	35DBMXXB1B-K Bipolar	35DBMXXB2B-K Bipolar	35DBMXXB1U-K Unipolar	35DBMXXB2U-K 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			17.9 (0.71)		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*)

