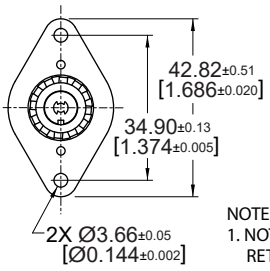
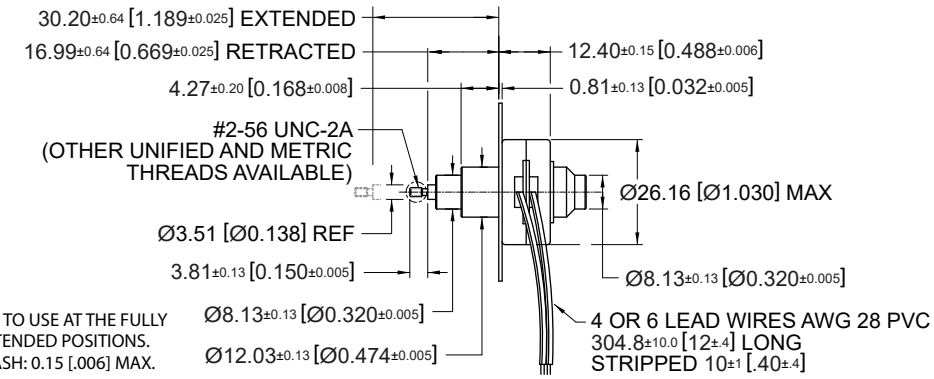
26DAM-K

Ø 26 mm • RoHS Compliant • 33.4 N



NOTES :
1. NOT RECOMMENDED TO USE AT THE FULLY RETRACTED AND EXTENDED POSITIONS.
2. SHAFT AXIAL BACKLASH: 0.15 [.006] MAX.

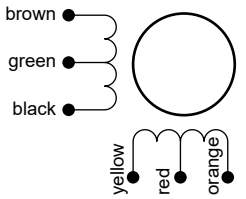


Dimensions in mm. [inches]

Electrical Data		26DAMXX•••-K				Unit
		D1B Bipolar	D2B Bipolar	D1U Unipolar	D2U Unipolar	
1	Operating Voltage #	5	12	5	12	VDC
2	Resistance per Phase, ± 10%	14.6	84.0	14.6	84.0	Ohms
3	Inductance per Phase, typ	6.5	33.6	3.8	20.5	mH
4	Rated Current per Phase, 1 Phase ON	0.48	0.20	0.48	0.20	A
5	Input Power	3.4	3.4	3.4	3.4	W

General Data		XX	Linear travel per step			
6	Min. Holding Force @ rated current	10	@ .001" (0.0254mm)	33.4 (120)	20 (72)	N (oz)
		20	@ .002" (0.0508mm)	25 (90)	15.3 (55)	N (oz)
		40	@ .004" (0.1016mm)	14.5 (52)	8.9 (32)	
7	Min. Holding Force (Unenergized)	10	@ .001" (0.0254mm)	20 (72)		N (oz)
		20	@ .002" (0.0508mm)	13.9 (50)		N (oz)
		40	@ .004" (0.1016mm)	5.56 (20)		N (oz)
8	Stroke Length, Typ			13.2 (0.52)		mm (in)
9	Linear Travel Accuracy			± 1 Step		
10	Steps per Revolution			24		
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			34 (1.2)		g (oz)
17	Leadwire			AWG #28, UL1429 (80° C, 150 V)		

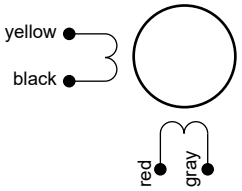
Notes: 1. All motor data values at 20° C unless otherwise specified – 2. # Voltage in case of voltage driver (indicator R•I)



UNIPOLAR COIL

YELLOW	ORANGE	BROWN	BLACK	RED/GREEN	
+	-	+	-	+	Extend
+	-	-	+	+	
-	+	-	+	+	
-	+	+	-	+	
+	-	+	-	+	Retract

VIEWED FROM OUTPUT SHAFT

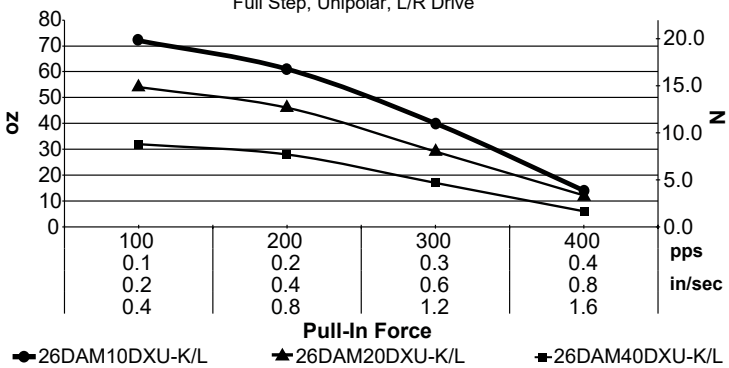


BIPOLAR COIL

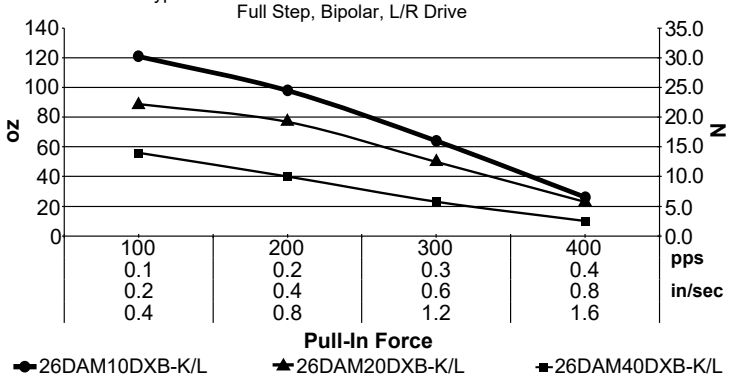
RED	GRAY	YELLOW	BLACK	
+	-	+	-	Extend
+	-	-	+	
-	+	-	+	
-	+	+	-	
+	-	+	-	Retract

VIEWED FROM OUTPUT SHAFT

26DAMXXDXU-K/L
Typical Pull-in Linear Force vs Linear Rate at 20° C
Full Step, Unipolar, L/R Drive



26DAMXXDXB-K/L
Typical Pull-in Linear Force vs Linear Rate at 20° C
Full Step, Bipolar, L/R Drive



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