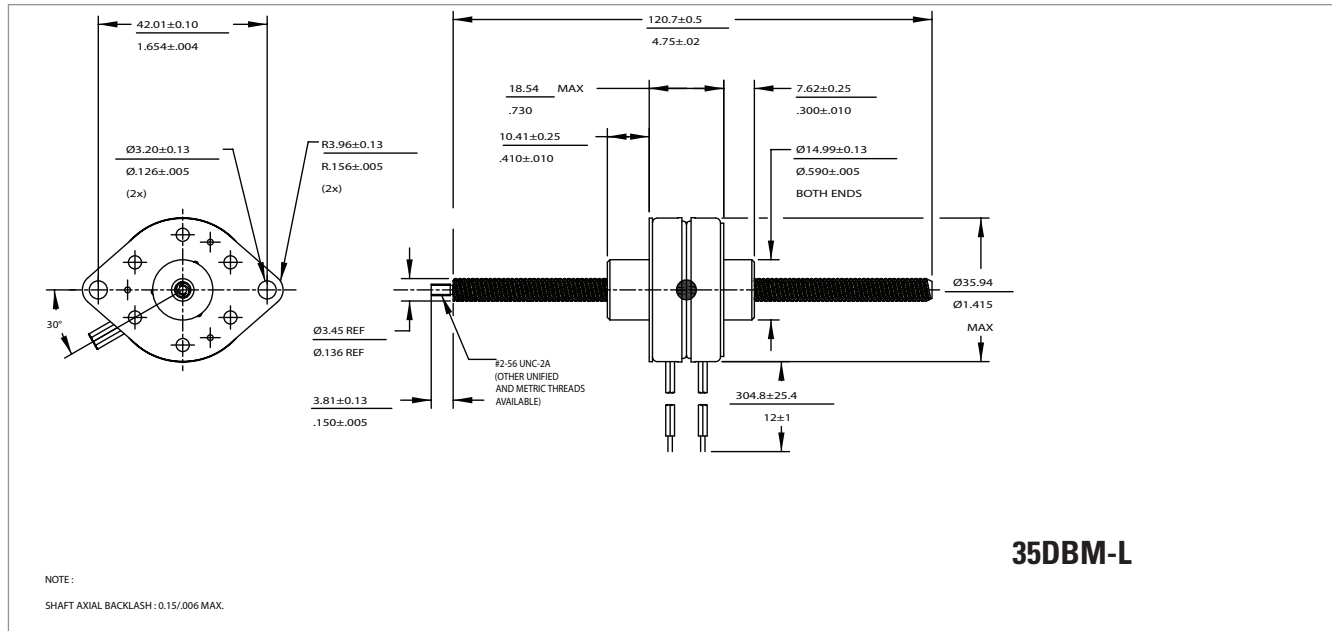


35DBM-L



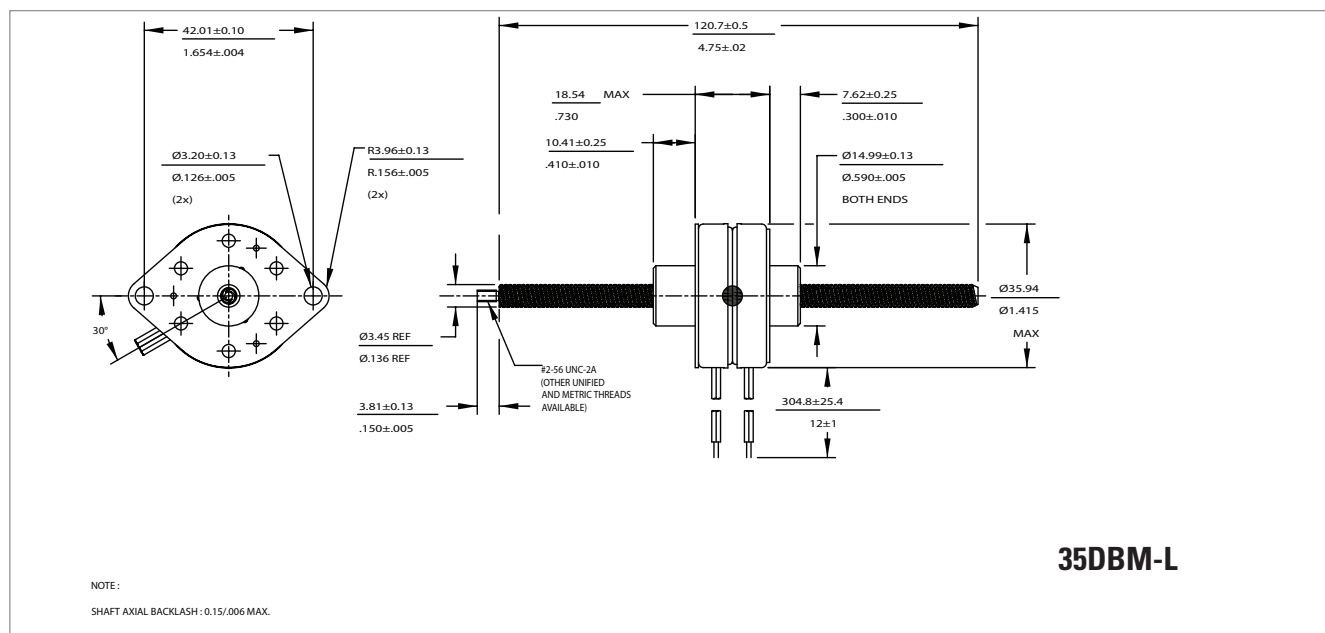
35DBM-L

Motor Part Number		35DBMXXB1B-L	35DBMXXB2B-L
Rated voltage	vdc	5.00	12.00
Resistance per phase, ± 10%	ohms	10.00	58.00
Inductance per phase, typ	mH	11.20	60.00
Rated current per phase *	amps	0.50	0.21
Maximum force	.001" (0.0254mm) .002" (0.0508mm) .003" (0.0762mm)	oz / N	103.9 / 28.9 84.9 / 23.6 47.8 / 13.3
Minimum holding force (unenergized)	.001" (0.0254mm) .002" (0.0508mm) .003" (0.0762mm)	oz / N	40 / 11.1 10 / 2.8 5 / 1.4
Maximum travel	.001" (0.0254mm) .002" (0.0508mm) .003" (0.0762mm)	in / mm	2.5 / 63.5 2.5 / 63.5 2.5 / 63.5
Step angle, ± 0.5° *	degrees		7.5
Steps per revolution *			48
Thermal resistance	°C/watt		N.A.
Ambient temperature range			
Operating	°C		-20 ~ +70
Storage	°C		-40 ~ +85
Bearing type			Ball bearing
Insulation resistance at 500vdc	Mohms		20 megohms
Dielectric withstanding voltage	vac		650 for 2 seconds
Weight	lbs / g		0.1875 / 85.2
Leadwires			AWG 26, UL 1429
Temperature class, max			B (130°C)
RoHS			COMPLIANT

ALL MOTOR DATA VALUES AT 20°C UNLESS OTHERWISE SPECIFIED

* ENERGISE AT RATED CURRENT, 2 PHASE ON, L/R Drive

35DBM-L



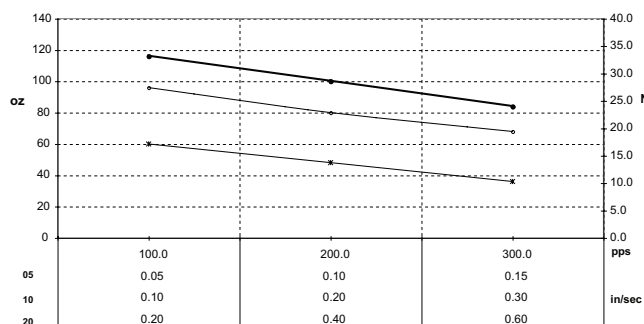
35DBM-L

Motor Part Number		35DBMXXB1U-L	35DBMXXB2U-L
Rated voltage	vdc	5.00	12.00
Resistance per phase, ± 10%	ohms	10.00	58.00
Inductance per phase, typ	mH	5.20	30.00
Rated current per phase *	amps	0.50	0.21
Maximum force	.001" (0.0254mm) .002" (0.0508mm) .003" (0.0762mm)	oz / N	75 / 20.9 55 / 15.3 30 / 8.3
Minimum holding force (unenergized)	.001" (0.0254mm) .002" (0.0508mm) .003" (0.0762mm)	oz / N	40 / 11.1 10 / 2.8 5 / 1.4
Maximum travel	.001" (0.0254mm) .002" (0.0508mm) .003" (0.0762mm)	in / mm	2.5 / 63.5 2.5 / 63.5 2.5 / 63.5
Step angle, ± 0.5° *	degrees		7.5
Steps per revolution *			48
Thermal resistance	°C/watt		N.A.
Ambient temperature range			
Operating	°C		-20 ~ +70
Storage	°C		-40 ~ +85
Bearing type			Ball bearing
Insulation resistance at 500vdc	Mohms		20 megohms
Dielectric withstanding voltage	vac		650 for 2 seconds
Weight	lbs / g		0.1875 / 85.2
Leadwires			AWG 26, UL 1429
Temperature class, max			B (130°C)
RoHS			COMPLIANT

ALL MOTOR DATA VALUES AT 20°C UNLESS OTHERWISE SPECIFIED

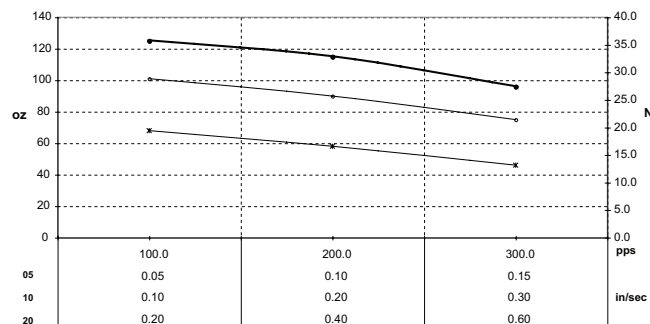
* ENERGISE AT RATED CURRENT, 2 PHASE ON, L/R Drive

26DBMXXDXU-K/L
Typical pull-in linear force vs linear rate at 20°C
Full step, Unipolar, L/R drive



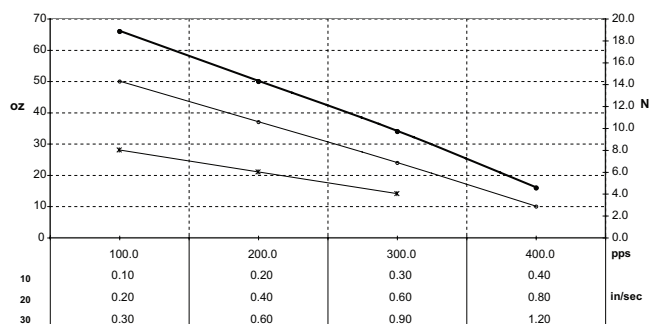
● 26DBM05DXU-K/L Pull-In Force
■ 26DBM10DXU-K/L Pull-In Force
▲ 26DBM20DXU-K/L Pull-In Force

26DBMXXDXB-K/L
Typical pull-in linear force vs linear rate at 20°C
Full step, Bipolar, L/R drive



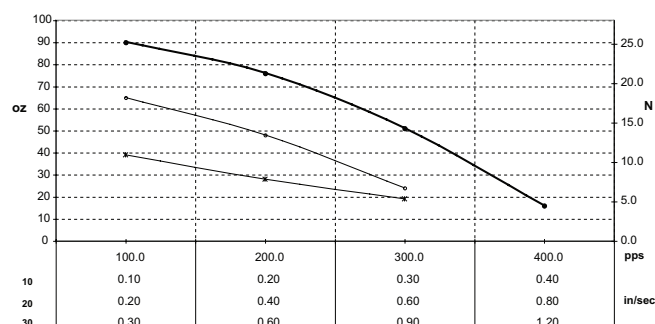
● 26DBM05DXB-K/L Pull-In Force
■ 26DBM10DXB-K/L Pull-In Force
▲ 26DBM20DXB-K/L Pull-In Force

35DBMXXBXU-K/L
Typical pull-in linear force vs linear rate at 20°C
Full step, Unipolar, L/R drive



● 35DBM10BXU-K/L Pull-In Force
■ 35DBM20BXU-K/L Pull-In Force
▲ 35DBM30BXU-K/L Pull-In Force

35DBMXXBXB-K/L
Typical pull-in linear force vs linear rate at 20°C
Full step, Bipolar, L/R drive



● 35DBM10BXB-K/L Pull-In Force
■ 35DBM20BXB-K/L Pull-In Force
▲ 35DBM30BXB-K/L Pull-In Force