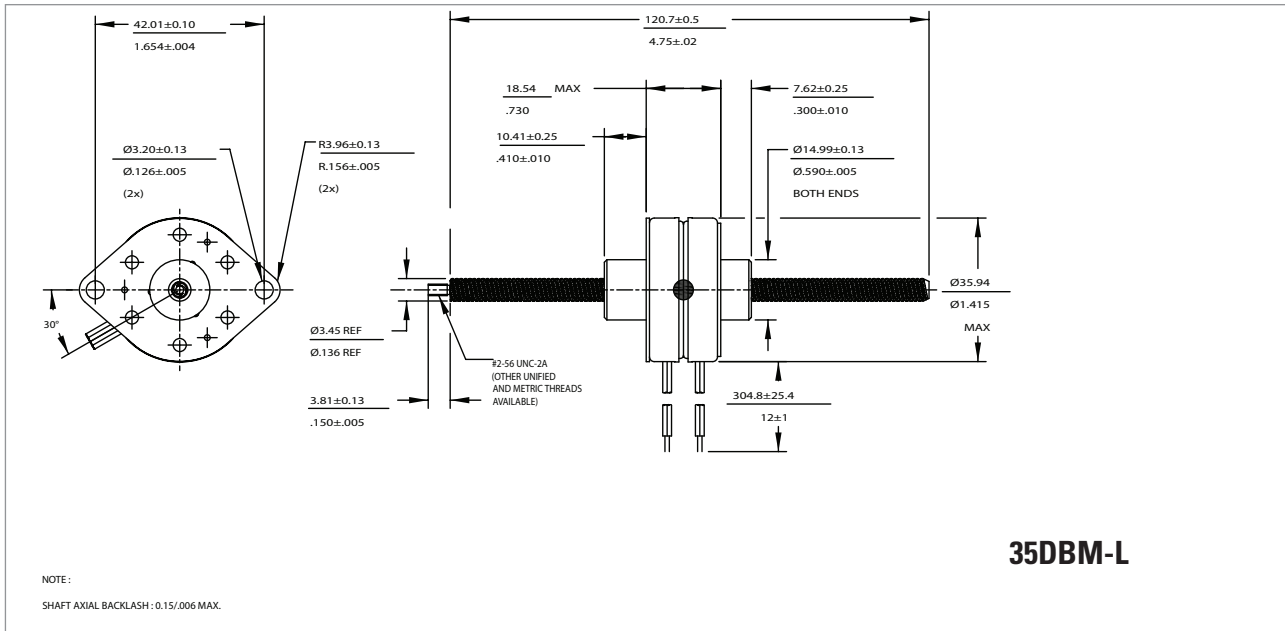


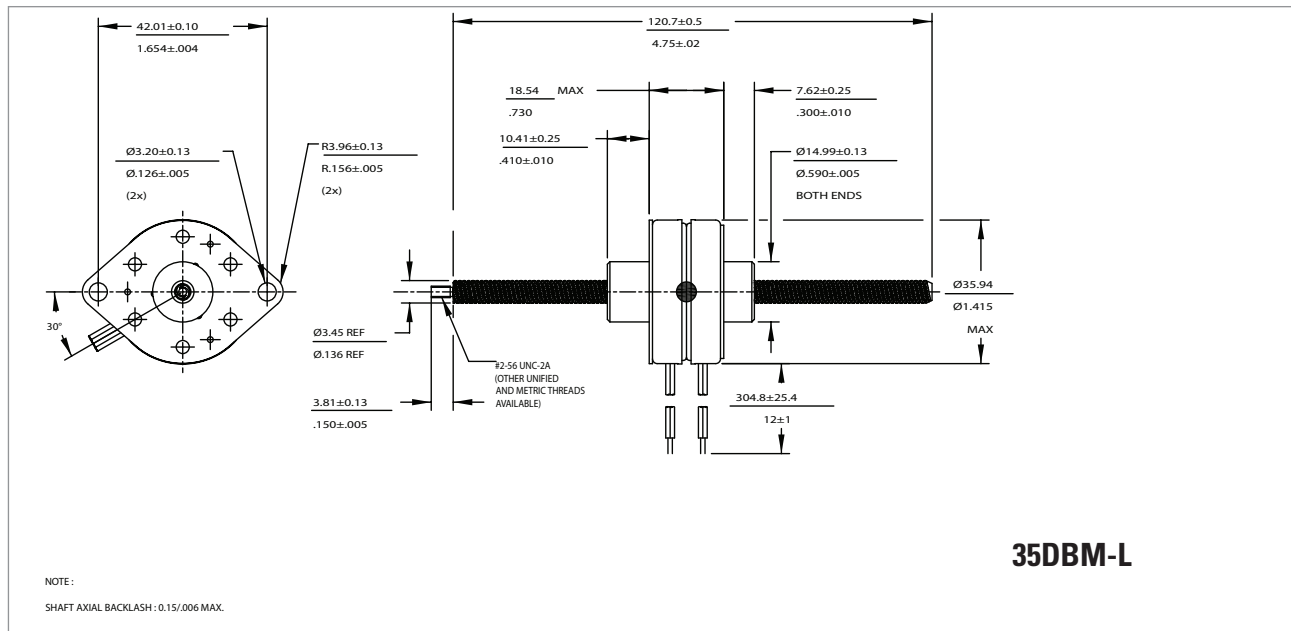
35DBM-L



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)	oz / N	103.9 / 28.9
	.002" (0.0508mm)		84.9 / 23.6
	.003" (0.0762mm)		47.8 / 13.3
Minimum force (unenergized)			
	.001" (0.0254mm)	oz / N	40 / 11.1
	.002" (0.0508mm)		10 / 2.8
	.003" (0.0762mm)		5 / 1.4
Maximum travel			
	.001" (0.0254mm)	in / mm	2.5 / 63.5
	.002" (0.0508mm)		2.5 / 63.5
	.003" (0.0762mm)		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



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)	oz / N	75 / 20.9
	.002" (0.0508mm)		55 / 15.3
	.003" (0.0762mm)		30 / 8.3
Minimum force (unenergized)			
	.001" (0.0254mm)	oz / N	40 / 11.1
	.002" (0.0508mm)		10 / 2.8
	.003" (0.0762mm)		5 / 1.4
Maximum travel			
	.001" (0.0254mm)	in / mm	2.5 / 63.5
	.002" (0.0508mm)		2.5 / 63.5
	.003" (0.0762mm)		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

Stepper

ALL MOTOR DATA VALUES AT 20°C UNLESS OTHERWISE SPECIFIED
* ENERGISE AT RATED CURRENT, 2 PHASE ON, L/R Drive