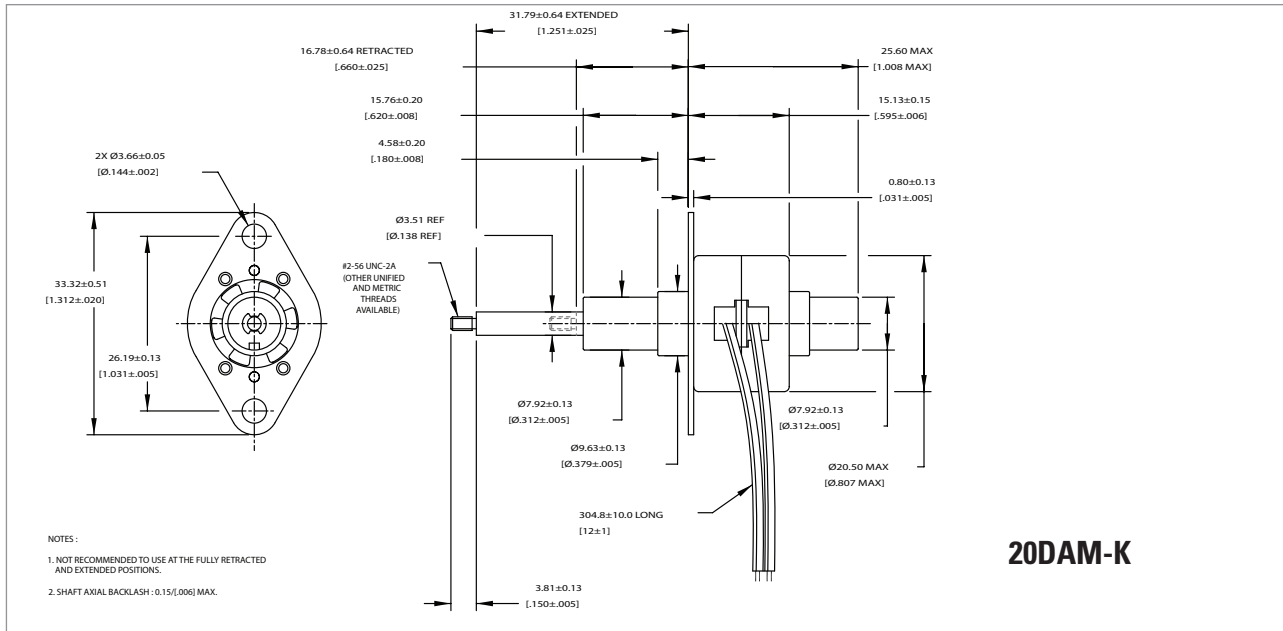


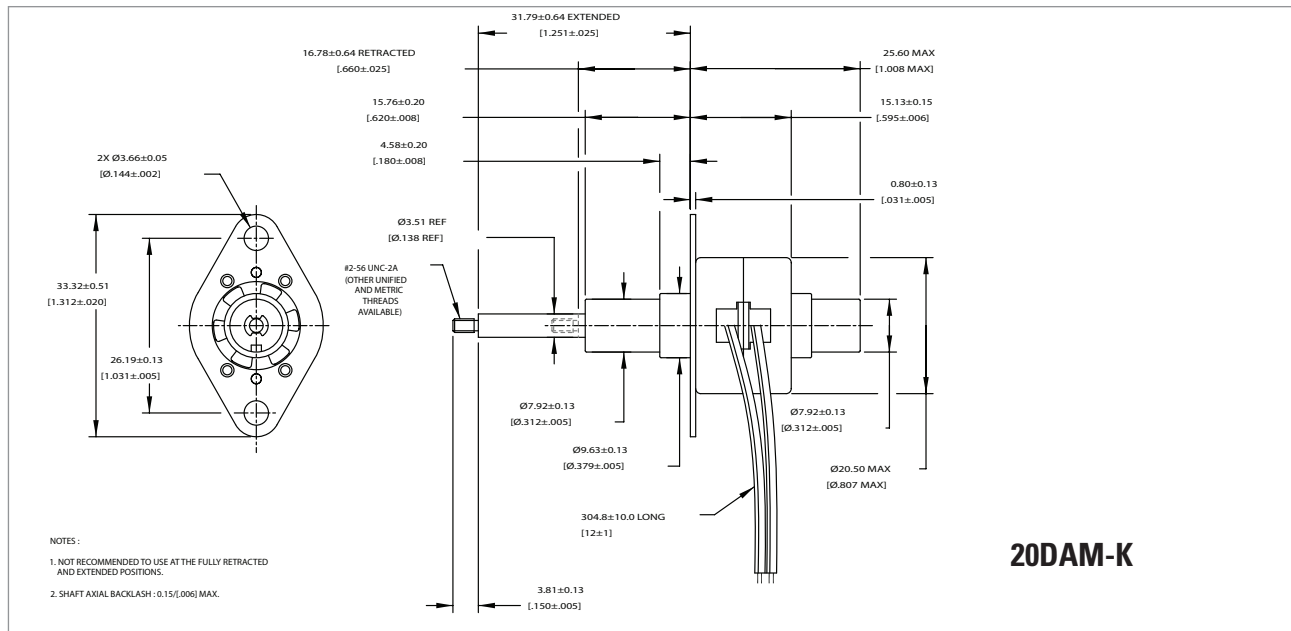
20DAM-K



Motor Part Number		20DAMXXD1B-K	20DAMXXD2B-K
Rated voltage	vdc	5.00	12.00
Resistance per phase, ± 10%	ohms	20.00	115.20
Inductance per phase, typ	mH	7.20	40.80
Rated current per phase *	amps	0.25	0.10
Maximum force	.001" (0.0254mm) .002" (0.0508mm) .004" (0.1016mm)	oz / N	110 / 30.6 75 / 20.9 40 / 11.1
Minimum force (unenergized)	.001" (0.0254mm) .002" (0.0508mm) .004" (0.1016mm)	oz / N	200 / 55.6 40 / 11.1 10 / 2.8
Maximum travel	.001" (0.0254mm) .002" (0.0508mm) .004" (0.1016mm)	in / mm	0.59 / 15.0 0.59 / 15.0 0.59 / 15.0
Step angle, ± 1° *	degrees		15.00
Steps per revolution *			24
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		0.055 / 25
Leadwires			AWG28, 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

20DAM-K



Motor Part Number		20DAMXXD1U-K	20DAMXXD2U-K
Rated voltage	vdc	5.00	12.00
Resistance per phase, ± 10%	ohms	20.00	115.20
Inductance per phase, typ	mH	3.80	20.30
Rated current per phase *	amps	0.25	0.10
Maximum force			
	.001" (0.0254mm)	oz / N	75 / 20.9
	.002" (0.0508mm)		50 / 13.9
	.004" (0.1016mm)		30 / 8.3
Minimum force (unenergized)			
	.001" (0.0254mm)	oz / N	200 / 55.6
	.002" (0.0508mm)		40 / 11.1
	.004" (0.1016mm)		10 / 2.8
Maximum travel			
	.001" (0.0254mm)	in / mm	0.59 / 15.0
	.002" (0.0508mm)		0.59 / 15.0
	.004" (0.1016mm)		0.59 / 15.0
Step angle, ± 1° *	degrees		15.00
Steps per revolution *			24
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		0.055 / 25
Leadwires			AWG28, 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