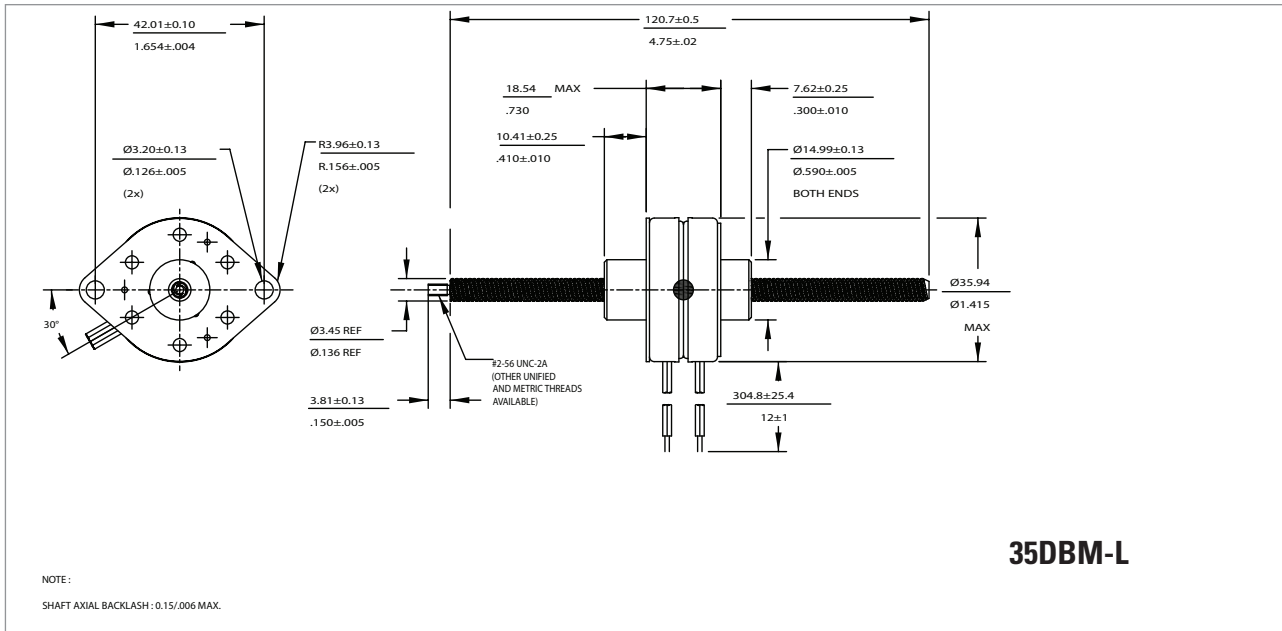


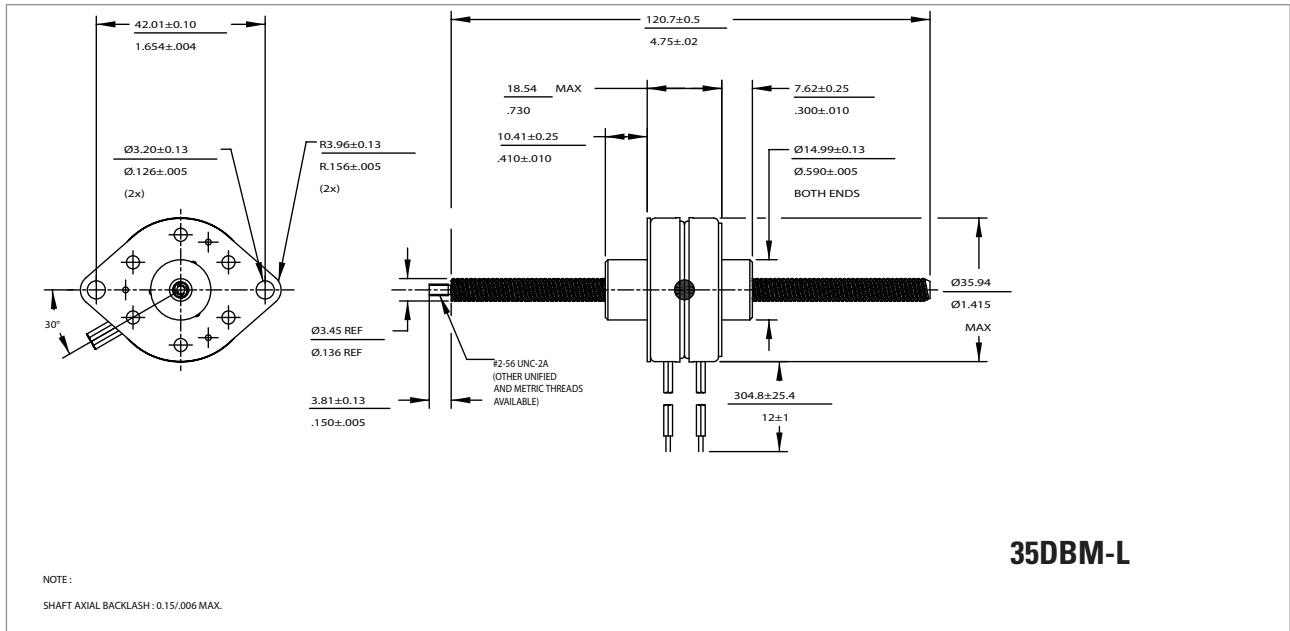
35DBM-L



| 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 |

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