

35DBM Series Linear Actuators

Features:

- Linear force up to 29 N
- Radial Ball bearings
- Weight about 85 gms
- Operating temperature -20° to 70°C
- Insulation resistance 20 MegΩ

Options:

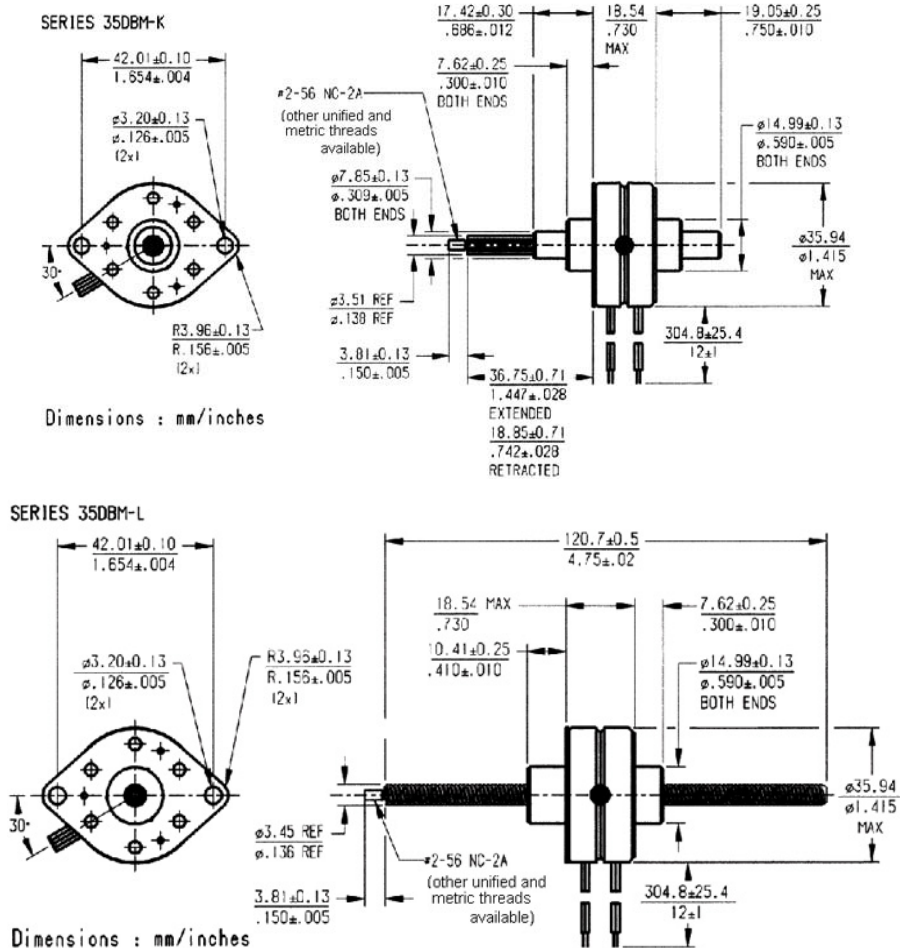
- Custom operating force
- Custom travel (2.5" standard)
- Other supply voltages
- Captive version (replace -L in part nr in -K)



Motor data

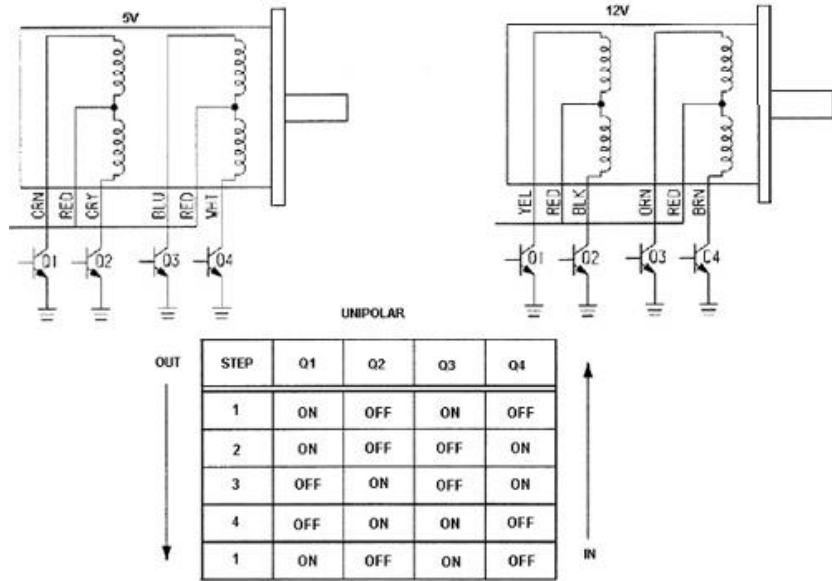
Motor type	Operating voltage	Maximum travel	Linear travel per step	Maximum force	unenergized force	Coil resistance	Coil inductance
1722-DBM10B1U-L(K)	5Vdc	63.5mm (22.2mm)	0.0254mm	20.9N	11.1N	10Ω	5.2mH
1722-DBM10B2U-L(K)	12Vdc	63.5mm (22.2mm)	0.0254mm	20.9N	11.1N	58Ω	30mH
1722-DBM20B1U-L(K)	5Vdc	63.5mm (22.2mm)	0.0508mm	15.3N	2.8N	10Ω	5.2mH
1722-DBM20B2U-L(K)	12Vdc	63.5mm (22.2mm)	0.0508mm	15.3N	2.8N	58Ω	30mH
1722-DBM30B1U-L(K)	5Vdc	63.5mm (22.2mm)	0.0762mm	8.3N	1.4N	10Ω	5.2mH
1722-DBM30B2U-L(K)	12Vdc	63.5mm (22.2mm)	0.0762mm	8.3N	1.4N	58Ω	30mH
1722-DBM10B1B-L(K)	5Vdc	63.5mm (22.2mm)	0.0254mm	28.9N	11.1N	10Ω	11.2mH
1722-DBM10B2B-L(K)	12Vdc	63.5mm (22.2mm)	0.0254mm	28.9N	11.1N	58Ω	60mH
1722-DBM20B1B-L(K)	5Vdc	63.5mm (22.2mm)	0.0508mm	23.6N	2.8N	10Ω	11.2mH
1722-DBM20B2B-L(K)	12Vdc	63.5mm (22.2mm)	0.0508mm	23.6N	2.8N	58Ω	60mH
1722-DBM30B1B-L(K)	5Vdc	63.5mm (22.2mm)	0.0762mm	13.3N	1.4N	10Ω	11.2mH
1722-DBM30B2B-L(K)	12Vdc	63.5mm (22.2mm)	0.0762mm	13.3N	1.4N	58Ω	60mH

Dimensional drawing



35DBM Series Linear Actuators

Wiring diagram 35 DBM Series Digital Linear Actuator



Performance curve 35DBM Series

