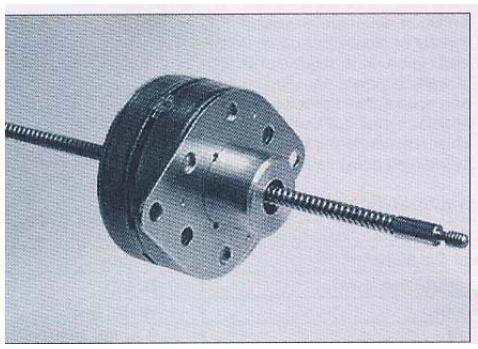
Digital linear actuators

35DBM series DLA's

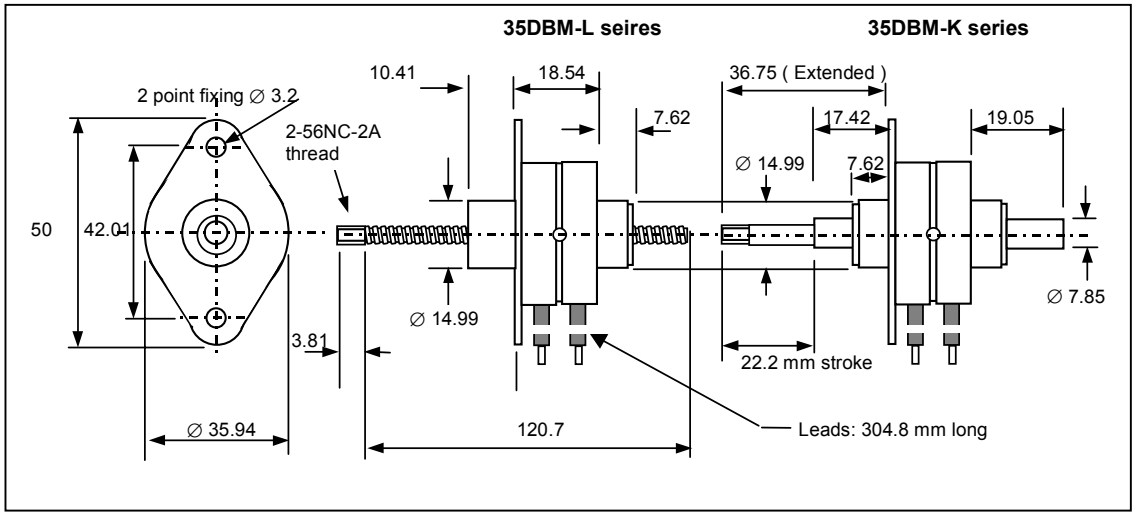
The 35DBM series comprise two versions. Both types are based on 4 phase permanent magnet stepper motor technology and utilise a rotor with an internal thread to provide linear motion via a leadscrew.

The **L series** are provided with a leadscrew which may be attached to the driven mechanism. When the leadscrew is prevented from rotating the operation of the motor imparts linear motion to the screw. The maximum travel of the mechanism is 63 mm although optional 300 mm long leadscrews may be purchased for an increased travel distance of 260 mm.

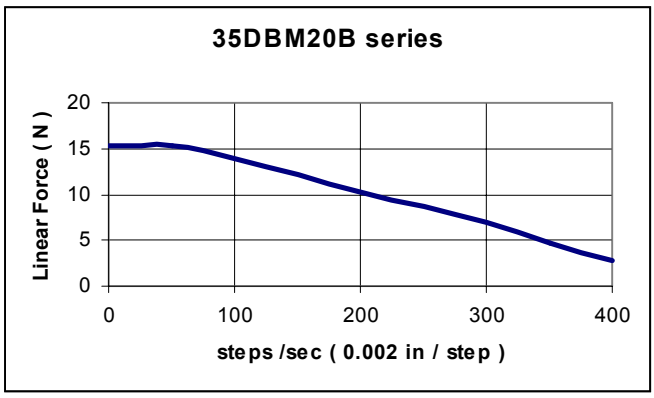
The **K series** incorporate a keyway in the actuator's output slideway thereby providing the spindle with linear motion. This design is ideal for driving spring loaded mechanisms over a maximum travel distance of 22 mm.

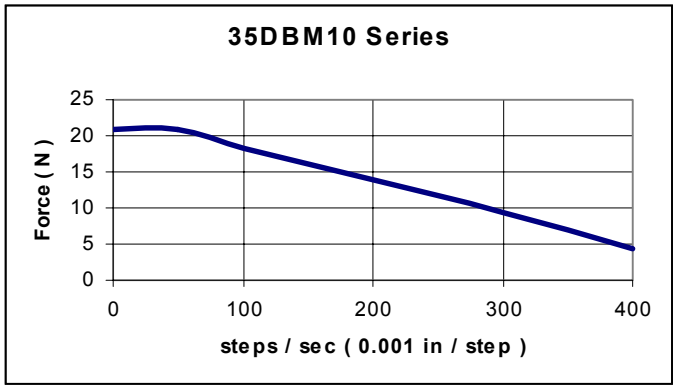


Dimensions mm:



Performance:





Specification for uni-polar types

Model	Nominal Voltage Vdc	Linear travel per step ins. (mm)	Maximum travel mm	Maximum Force N	Min. de-energised holding Force N	Nearest equivalent in 92100 series
35DBM20B1U-	5	0.002 (0.0508)	22.2 - K series 63.5 - L series	15.3	2.8	92221-P1
35DBM20B2U-	12					92221-P2
35DBM10B1U-	5	0.001 (0.0254)	22.2 - K series 63.5 - L series	20.9	11.1	92211-P1
35DBM10B2U-	12					92211-P2

Insert '**K**' for keyway version Insert '**L**' for leadscrew version

Electrical Characteristic:

Coil Data:	1U (5V)	2U (12V)
Resistance per phase	10 Ohm	58 Ohm
Inductance per phase	5.2 mH	30 mH

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for portescap ***manufacturer:***

Other Similar products are found below :

12G88-213E.1001 22S28-205E.1 16N1R78214E1005 16G88-208E.1 08G61-105.1 22S28-208E.1 16N78-210E.1001 35NT2R32-416SP.1 17N78213E1 17N78-208E.1 17S78-208P.1 22S28-210P.1 17N1R78213E1 17S78-209E.1 22N78313P1001 13N88-110.1 12G88-215E.1001 16N78-212E.1001 35GLT2R82-326P.1 16G88-211E.1 22N78-319P.1001 22N78-311P.1001 16N78-212P.1001 16N28-207E.201 16G88-220P.1 16N78214E1001 22V28-213E.201 30GT2R82-234E.4 16N28-210E.1 13N88-213E.1 16N78-208E.1001 16N78-135.1001 22N28-213E.286 16N28-208E.202 22N28-210E.286 16G88-213E.1 08GS61-105C.1 13N88-216E.1