

MDrive23™ MOTOR+DRIVER

LINEAR ACTUATOR

DESCRIPTION

MDrive23 Motion Control, Microstepping and Speed Control versions are available with a long life Acme Screw Linear Actuator single length motor. Standard screw length is 6.0"/152.4mm, plus the mounting end thread. Custom lengths from 2.0" to 24.0" are available without mounting end thread. Screws are available with the following linear travel/step:

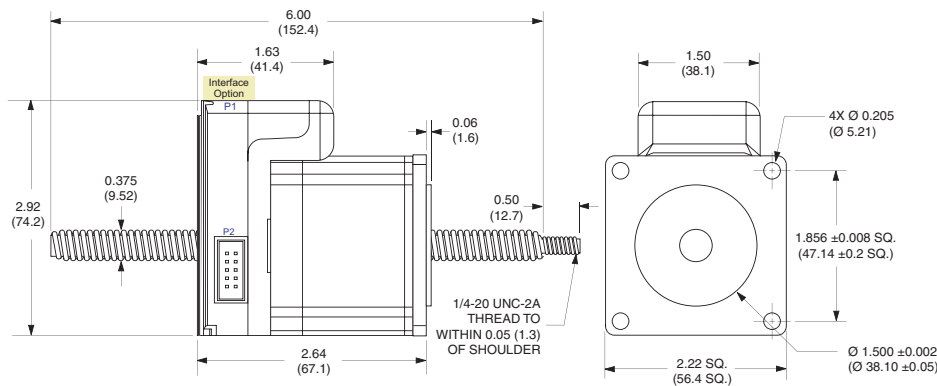
Screw F.....	0.002"/0.0508mm
Screw A.....	0.001"/0.025mm
Screw B.....	0.00083333"/0.021mm
Screw C.....	0.0005"/0.0127mm
Screw D.....	0.0004"/0.0106mm
Screw E.....	0.003125"/0.0079mm

Linear Actuators are Non-Captive style. Contact the factory regarding Captive Shaft or External styles.

LINEAR MOTOR SPECIFICATIONS

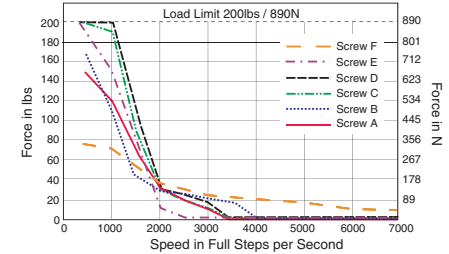
Maximum Thrust	200 lbs / 890 N
Maximum Screw Deflection	± 1°
Backlash	0.005 in / 0.127 mm
Weight (without screw).....	20.4 oz / 578.3 g

MECHANICAL DIMENSIONS

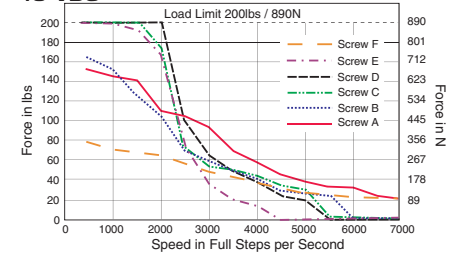


FORCE-SPEED CURVES

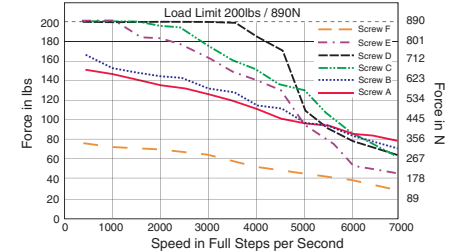
24 VDC



48 VDC



75 VDC



ORDER INFORMATION

MD 23 L [F/A/B/C/D/E] [Length]

M=Microstepping	C=WireCrimp	See screw specs	6.0" if left blank
O=SpeedControl*	F=FlyingLeads		
I=MotionControl*	P=Pluggable		

*not available with C WireCrimp interface option



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