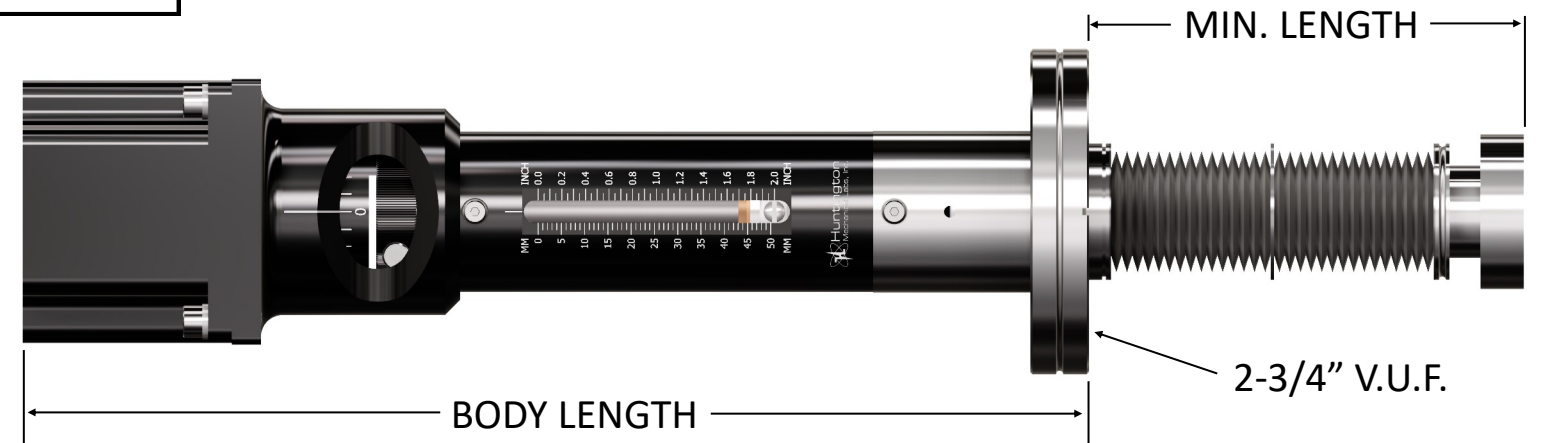


**Specifications**

**Sealing Mechanism:** Welded Bellows  
**Material Exposed to Vacuum:** Stainless Steel  
**Bakeout Temperature:** 200°C (Max., Motor Removed)  
**Operating Temperature:** -20° to 80°C  
**Pressure Range:** Atmosphere to 1 x 10<sup>-11</sup> Torr

**Maximum Axial Load:** L-2251-X: 10 lbs. (4.5 kg) ,  
 L-2252-X: 25 lbs. (11.3 kg) concentric load.  
**Maximum Lateral Load:** 20 lbs. (9.1 kg) @tip in ret. position  
**Scale Resolution:** Linear: 0.05" (1 mm)  
**Thread Pitch:** .05" (1.3mm) or .125" (3.2mm) per revolution  
**Stepper Motor:** 1.8° full step, 51,200 microsteps/revolution

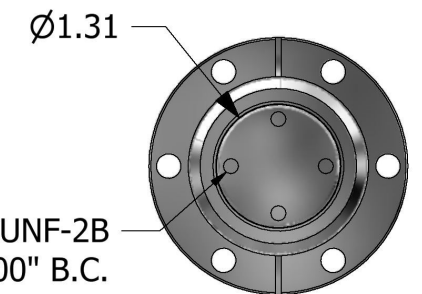
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ROTATION VIEWPORT  
(BOTH SIDES)

KF 40 ISO-KF

END VIEW



**L-SERIES MOTORIZED LINEAR - .05 THREAD PITCH**

FLANGE	STROKE	BODY LENGTH	MINIMUM LENGTH	WEIGHT (lbs.)	PART NUMBER
2 <sup>3</sup> / <sub>4</sub> "	1.0 (25.4)	8.68 (220.5)	1.30 (33.0)	3.0	L-2251-1
	2.0 (50.8)	9.68 (245.9)	1.68 (42.7)	3.5	L-2251-2
	4.0 (101.6)	11.68 (296.7)	2.44 (62.0)	4.0	L-2251-4
KF 40	1.0 (25.4)	8.68 (220.5)	1.30 (33.0)	2.8	L-2251-1-SF
	2.0 (50.8)	9.68 (245.9)	1.68 (42.7)	3.3	L-2251-2-SF
	4.0 (101.6)	11.68 (296.7)	2.44 (62.0)	3.8	L-2251-4-SF

**L-SERIES MOTORIZED LINEAR - .125 THREAD PITCH**

FLANGE	STROKE	BODY LENGTH	MINIMUM LENGTH	WEIGHT (lbs.)	PART NUMBER
2 <sup>3</sup> / <sub>4</sub> "	2.0 (50.8)	9.68 (245.9)	1.68 (33.0)	3.5	L-2252-2
	4.0 (101.6)	11.68 (296.7)	2.44 (62.0)	4.0	L-2252-4
	6.0 (152.4)	13.68 (347.5)	3.20 (81.3)	4.5	L-2252-6
KF 40	2.0 (50.8)	9.68 (245.9)	1.68 (33.0)	3.3	L-2252-2-SF
	4.0 (101.6)	11.68 (296.7)	2.44 (62.0)	3.8	L-2252-4-SF
	6.0 (152.4)	13.68 (347.5)	3.20 (81.3)	4.3	L-2252-6-SF

*Other stroke lengths & flange options available. For quotes, please call 800-227-8059 or visit our website at [www.huntvac.com](http://www.huntvac.com). Email: [vacman@huntvac.com](mailto:vacman@huntvac.com)*

Huntington Mechanical Labs, Inc. 13355 NEVADA CITY AVENUE GRASS VALLEY, CA. 95945

**FEEDTHRU, LINEAR, 2000 SERIES, .05/.125 LEAD, US STD. W/ SCALE**

B	DWG. NO. L-2251/2252-X(-SF) OUTLINE	REV. -
SCALE: NO SCALE	SHEET: 1	OF 1