

LUBRICATION FREE IN OPERATION *

Linear Vibration

Aluminium construction, extra hard and corrosion resistant with electropolished surface finish

Compliant with FDA specifications and therefore ideal for food, beverage and pharmaceutical applications

Suitable for Dry Air, the piston is pre lubricated during the manufacturing process

Relubrication of piston is necessary periodically with Klubersynth UHI.14.31

Force 12 N to 655 N

Force variable by adding weights

Frequency and amplitude adjustable independently

FAL08-35 suitable for ambient temperature from 10°C up to 120°C

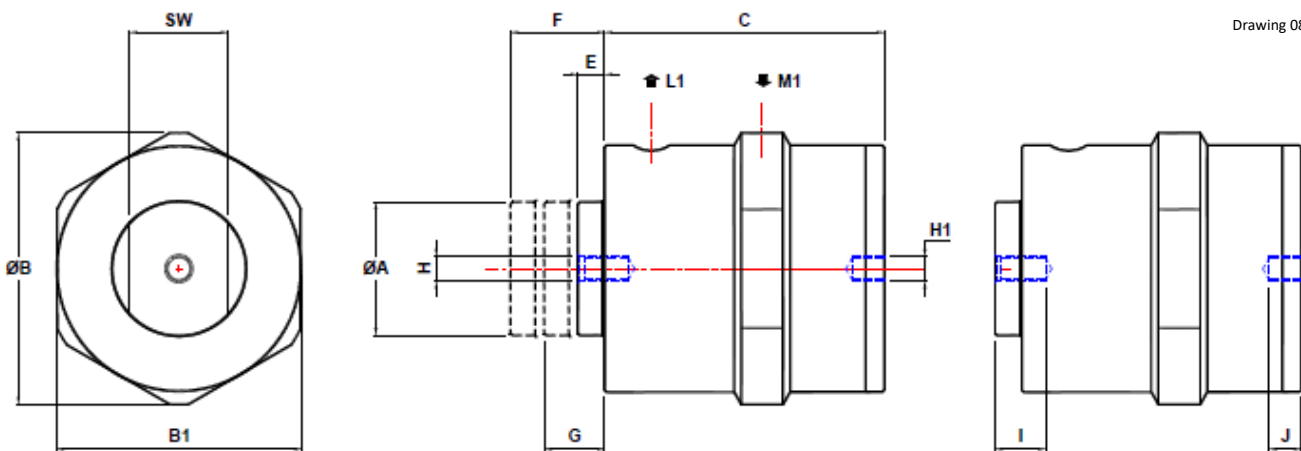
FAL08-35LT ** suitable for temperature to -40°C

FAL08-35HT ** suitable for temperature up to 150°C



On request can be supplied with ATEX certification to ATEX 2014/34/EU  II 2 G & D Zone 1, 2 & 21, 22

DIMENSIONS



Models	A	B	B1	C	E	F	G	H	H1	J	L1	M1	SW	Weight kgs
Standard														
FAL 08	8	25	20	91	5	32	24	M5	M6	9mm	M5	M5	7	0.1
FAL 18 -12*	18	53	48	117	8	41	32	M12	M12	12mm	1/8"	1/8"	14	0.75
FAL 18	18	53	48	117	8	41	32	M10	M10	12mm	1/8"	1/8"	14	0.75
FAL 25	25	69	60	140	8	48	38	M16	M16	16mm	1/4"	1/4"	22	1.5
FAL 35	35	88	78	140	14	51	41	M16	M16	16mm	1/4"	1/4"	27	2.6

* To special order.

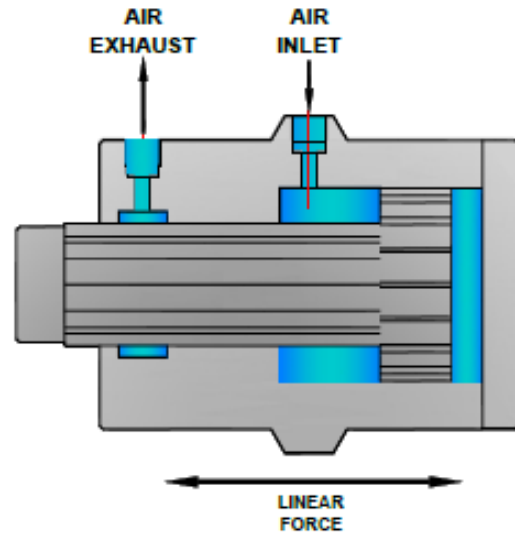
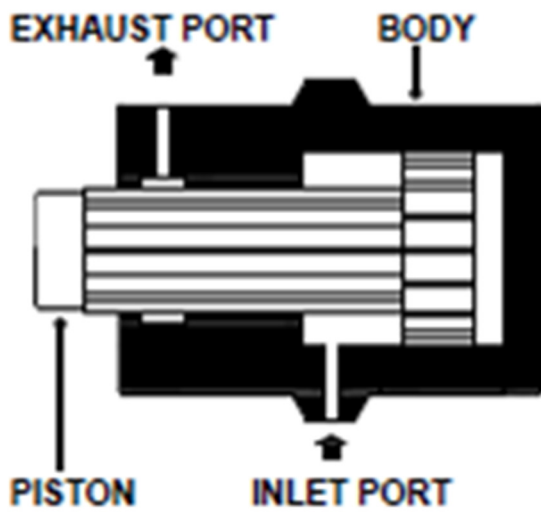
** Subject to some performance variation consult with Vibratechiques on application suitability, special order.

VIBRATECHNIQUES LTD

20 Cecil Pashley Way, Shoreham Airport, Shoreham by Sea, West Sussex, BN43 5FF

Tel: +44 (0)1273 430977 Fax: +44 (0)1273 430978 Email: sales@vibtec.com Web: www.vibtec.com

LUBRICATION FREE IN OPERATION *



Drawing No 083003

PERFORMANCE DATA

MODEL	Vibrations			Force Newtons			Air Consumption L/Min		
	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar
FAL 08	2050	2900	3400	12	30	42	8	18	30
FAL 18	1420	1900	2250	60	140	205	20	40	60
FAL 25	1130	1550	2020	120	265	530	40	110	155
FAL 35	1240	1550	2010	205	340	655	75	220	350

FREQUENCY AND AMPLITUDE: By using a flow restricting silencer on the FP, FPLF, FAL, and VTL vibrators the amplitude can be reduced whilst the frequency remains almost constant.



By using a flow restricting silencer on the FP, FPLF, FAL, and VTL piston vibrators, a lower amplitude can be exerted to the application vessel whilst keeping the piston oscillating at a near fixed frequency.



The FPLF and FAL Pneumatic Vibrator should be dismantled periodically and the piston regreased with Klüber Grease UHI.14.31 This is available in a small tub part number 046757
Service Data Sheet M1120

Flow Restricting Silencer Leaflet L1180

Klüber Grease Leaflet L1120

BELLOWS/PROTECTIVE CAP

MODEL	Part Number	Description
FAL 08	099708.40	Protective Cap
FAL 18	099719.40	Bellows
FAL 25	099725.40	Bellows
FAL 35	099735.40	Bellows



VIBRATECHNIQUES LTD

20 Cecil Pashley Way, Shoreham Airport, Shoreham by Sea, West Sussex, BN43 5FF

Tel: +44 (0)1273 430977 Fax: +44 (0)1273 430978 Email: sales@vibtec.com Web: www.vibtec.com