

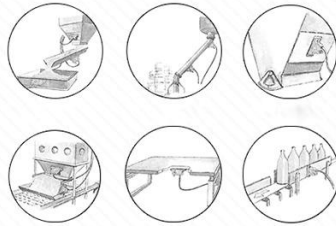
FP-M Series Pneumatic Piston Vibrator

Piston-Vibrators

FP series

Application

Examples



Hopper feed, Casting industry, Pipelining, Compaction, Screening, Conveyer, etc.

Maximum temperature 100°C=220°F

Maximum pressure 6 Bar – 87 PSI

The FP-series pneumatic piston vibrators produce a linear vibration with an infinitely variable amplitude and frequency. The frequency is controlled by the air pressure.

A spring is used in the vibrator body to aid starting. Minimum operating pressure 2 Bar (29 P.S.I.).

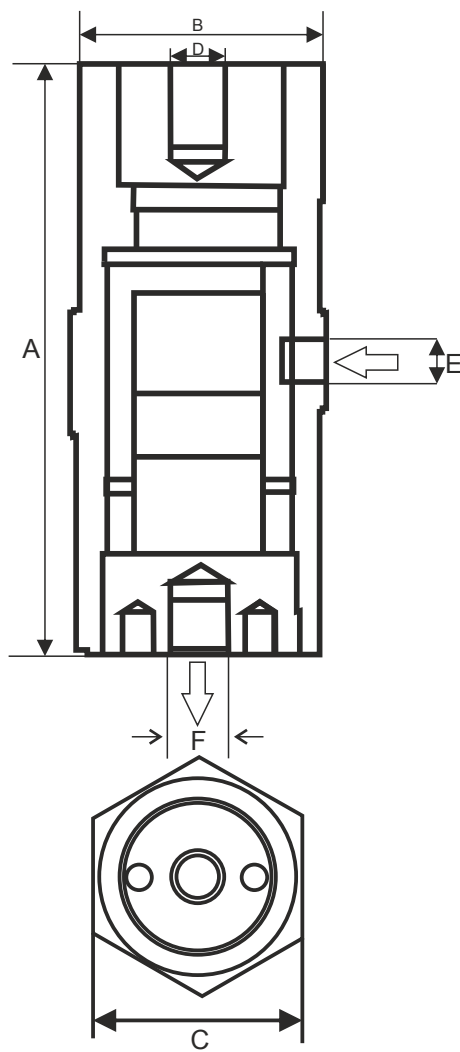
The aluminium body is hard coated and is corrosion resistant. The power-to-weight ratio of the unit makes it particularly efficient for feeder applications. Explosion proof, light weight, compact, quiet and efficient, these units are ideal for most applications. Easy to install and designed to work continuously under the most arduous conditions. Servicing requirements are minimal.

Application:

5-MICRON-FILTER necessary! A lubricator must be used to guarantee a long working life. A hydraulic oil ISO VG5 must be used, for example SHELL Tellus Oil C5.

The FP-series vibrators have a long life with no undue piston or cylinder wear. The air line filter must be inspected and cleaned at regular intervals. Dirt or contaminated oil will slow down or stop the vibrator.

MODEL	VPM			Force						Air Consumption / min					
	(x1000)														
	2	4	6	2	29	4	58	6	87	2	29	4	58	6	87
	Bar	Bar	Bar	Bar	psi	Bar	psi	Bar	psi	Bar	psi	Bar	psi	Bar	psi
	29	58	87	N	LBS	N	LBS	N	LBS	Litr.	CF	Litr.	CF	Litr.	CF
	psi	psi	psi												
FP-12-M	5.0	6.0	6.7	34	7.7	58	13	74	17	0.5	0.02	4.0	0.14	19	0.67
FP-18-M	4.0	5.0	5.9	68	15.0	134	30	188	42	4.0	0.14	28.0	1.00	52	1.84
FP-25-M	3.0	3.8	4.2	142	32	364	82	504	113	23	0.81	50	1.76	87	3.07
FP-35-M	3.0	4.0	4.6	248	56	778	175	1080	243	24	0.85	83	2.93	141	4.98



MODEL	A	B	C	D	E*	F*	Weight	
	mm	mm	mm	Metric	BSP	BSP	kg	Lbs
FP-12-M	81	31	34	M-8	1/8"	1/8"	0.17	0.375
FP-18-M	94	40	42	M-10	1/8"	1/8"	0.340	0.750
FP-25-M	116	48	50	M-12	1/8"	1/4"	0.650	1.430
FP-35-M	116	58	65	M-12	1/4"	1/4"	1.040	2.290