

ACCESSORIES PISTON VIBRATORS



General Information

- 1 Minimum operating pressure 2 bar (30psi).
- 2 Max working pressure 6 bar (90psi).
 - Warning – exceeding the maximum working pressure of 6 bar, will result in faults or destruction of the vibrator.
- 3 Noise level from 57 – 78dBA.
 - It is imperative that the silencer is cleaned on a regular basis as a back pressure may be created within the internal working of the vibrator and cause malfunction.
- 4 Medium – Compressed Air and Nitrogen.
- 5 Ambient temperature shall not exceed 100°C (220°F).

Installation

- 1 Mounting must always be conducted on a solid, clean and even surface. If mounting surface has any welding joints they must be of adequate strength.
 - Make sure that the air pressure is turned off before installing and before any maintenance of the vibrator.
 - The air should be clean, filtered and lubricated to ensure long life of the product, ISO VG 15 lubricant is recommended or any other suitable oil with a viscosity of 15 cST/40°C.
- 2 The Vibrators are suitable for indoor and outdoor applications.
 - When fitting in an outside environment please ensure that the exhaust ports are ported / piped in a downward position to avoid any water ingress.
- 3 Always ensure that there is a silencer fitted to the exhaust port.
 - Check exhaust ports and silencers regularly to avoid any dirt blocking the exhaust ports, if this is not carried out regularly this will lead to failure of the product.
 - It is advisable to use a thread lock (LOCTITE 270) when fixing any fittings or mounting screws to the vibrator, and the use of anti-vibration nuts and washers.
 - The vibrators must be ported correctly by using the arrow as a guide, the inlet port is the smaller hole marked with the arrow.
 - Allen screws must be used when mounting the vibrator, the use of slotted screws must be avoided.

Safety

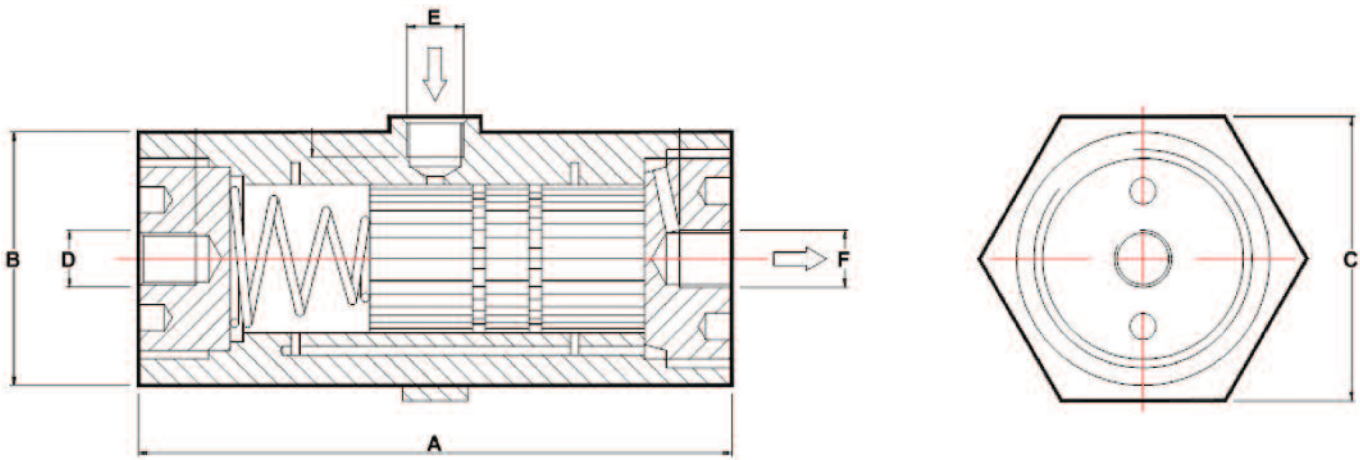
- 1 Regularly check all fixings and connections to ensure that they have not worked loose.
- 2 Always wear ear protection when in the vicinity of the working vibrators.
- 3 Always fit a silencer to the exhaust port.

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Performance Data

Model	Frequency V.P.M.			Centrifugal Force Measured			Air Consumption/Minute		
	0.2MPa	0.4MPa	0.6MPa	0.2MPa	0.4MPa	0.6MPa	0.2MPa	0.4MPa	0.6MPa
				N	N	N	Ltr.	Ltr.	Ltr.
KFP-12-M	5100	6100	6750	35	59	75	0.6	5	18
KFP-18-M	4100	5100	5950	69	135	189	4.2	29	55
KFP-25-M	3100	3850	4250	145	365	505	24	55	88
KFP-35-M	3100	4100	4650	250	779	1050	25	85	145

Dimensions



Model	A (mm)	B (mm)	C (mm)	D (Metric)	E (BSPP)	F (BSPP)	Weight (Kg)
KFP-12-M	81	31	34	M8	1/8"	1/8"	0.17
KFP-18-M	94	40	42	M10	1/8"	1/8"	0.34
KFP-25-M	110	48	50	M12	1/8"	1/4"	0.65
KFP-35-M	110	58	65	M12	1/8"	1/4"	1.04