



Linear Vibration

High Impact frequency 1350-4600 vpm

Force 195 N to 56350 N

Frequency and amplitude adjustable independently

FPK Suitable for temperature from 10°C to 120°C

FPK LT Low temperature model, from -40°C to 60°C

FPK HT High Temperature model, from 10°C to 150°C

Designed for lubrication free air supply operation

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

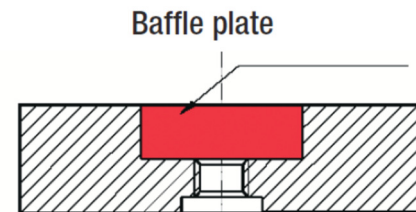
PERFORMANCE DATA

MODEL	Standard	ATEX	Low Temp	High Temp	Baffle Plate	Nominal Frequency RPM			Force Newtons			Air Consumption L/min		
						2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar	2 Bar	4 Bar	6 Bar
FPK-40 CUSHIONED	FPK40C	FPK40C EX	FPK40C LT	FPK40C HT	None	2100	2400	2800	195	455	730	93	150	225
FPK-40 IMPACTING	FPK40S	FPK40S EX	FPK40S LT	FPK40S HT	Soft	2800	3900	4600	3920	10410	15030	100	195	360
FPK-40 IMPACTING	FPK40H	FPK40H EX	FPK40H LT	FPK40H HT	Hard	2800	3900	4600	7240	14990	22750	100	195	360
FPK-55 CUSHIONED	FPK55C	FPK55C EX	FPK55C LT	FPK55C HT	None	1350	1750	2050	510	1165	1985	162	360	470
FPK-55 IMPACTING	FPK55S	FPK55S EX	FPK55S LT	FPK55S HT	Soft	2200	3400	4300	5430	21310	36570	230	380	500
FPK-55 IMPACTING	FPK55H	FPK55H EX	FPK55H LT	FPK55H	Hard	2200	3400	4300	17570	36960	56350	230	380	500

OPERATION

Compressed air pushed the piston in a linear direction
When the FPK is used as a high frequency knocker, the Piston shoots against a plastic baffle plate supplied with the knocker.
Additional impact regulation is provided by varying the Baffle Plate Hardness.

- C** No Baffle plate = air cushioned,
- S** Soft Plate produced from Vulkollan,
- H** Hard Plate produced from Ertalon

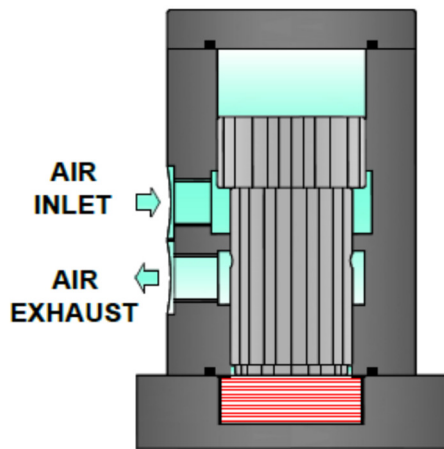


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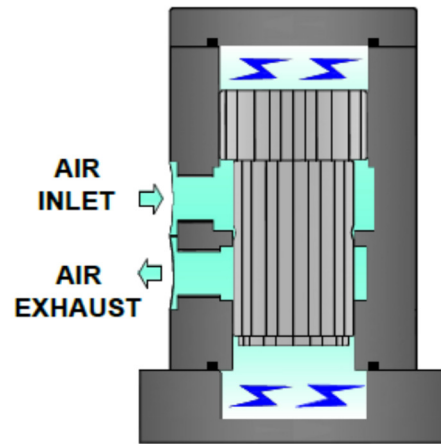
OPERATION

LINEAR IMPACTING VIBRATOR



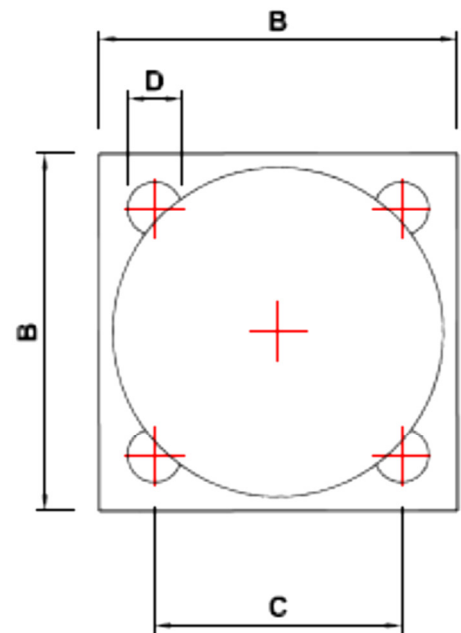
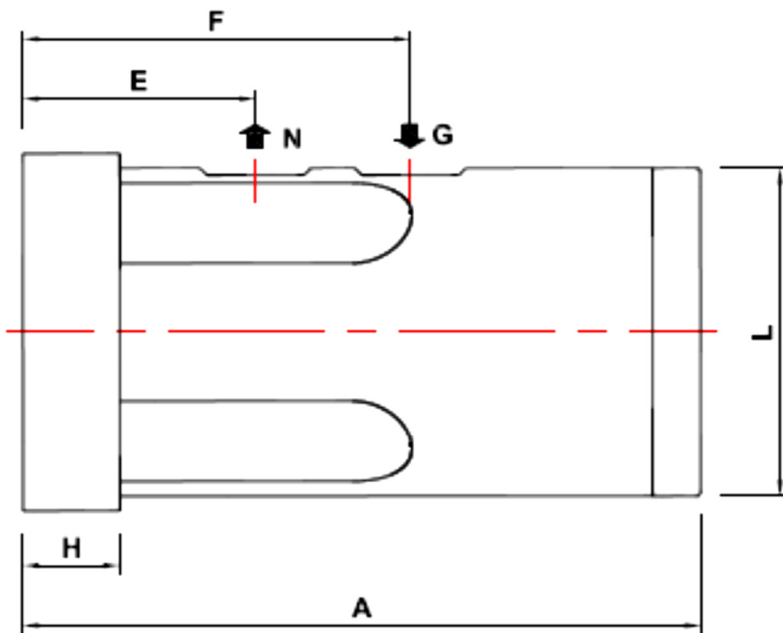
FORCE CONTINUOUS IMPACT

LINEAR CUSHIONED VIBRATOR



FORCE CONTINUOUS CUSHIONED

DIMENSIONS



MODEL	A mm	B mm	C mm	D mm	E mm	F mm	H mm	L ϕ mm	G BSP	N BSP	Wt kgs
FPK-40	140	74	51	11	48	80	20	68	1/4"	1/4"	1.20
FPK-55	191	104	78	13	60	111	25	94	3/8"	3/8"	4.70

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