



High-frequency Knockers FPK

Properties

- High impact frequency 1'350 – 4'600 vpm
- High power range 44 – 12'668 lbf
- Lubrication-free
- Can be used up to 248°F, HT version up to 302°F and LT version down to -40 °F on request
- Can be used in dusty environments
- Also available with ATEX certification

Field of application

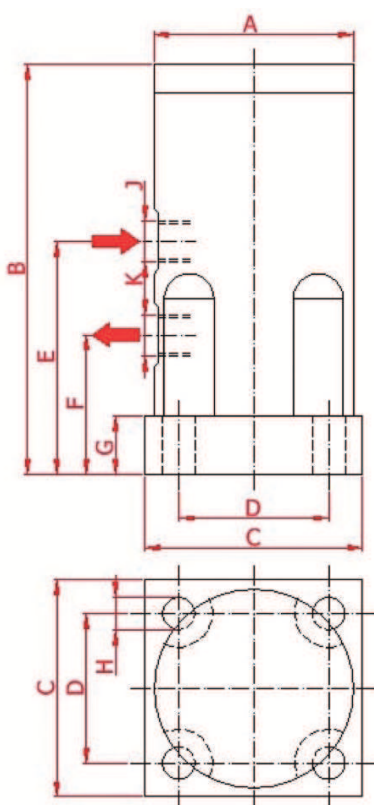
Broad field of application, for example knocking off adhering material from container walls such as silos, chutes, filter outlets, reactors and pipelines.

Construction

With the FPK-knockers compressed air pushes a piston in a linear direction (vibration). When used as a high frequency knocker, the piston shoots against a plastic baffle plate supplied with the knocker. Additional impact regulation is provided by baffle plates of varying hardness.

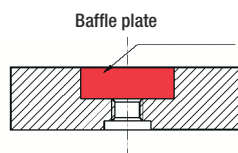
Technical Data in PSI, lbf, CF

Model	Baffle plate	Frequency vpm			Force (peak) lbf			Air consumption CF min ⁻¹			Weigh lb
		29 PSI	58 PSI	87 PSI	29 PSI	58 PSI	87 PSI	29 PSI	58 PSI	87 PSI	
FPK-40	none	2100	2400	2800	44	102	164	3.3	5.3	7.9	2,64
	soft	2800	3900	4600	881	2340	3379	3.5	6.9	12.7	
	hard	2800	3900	4600	1628	3370	5114	3.5	6.9	12.7	
FPK-55	none	1350	1750	2050	115	262	446	5.7	12.7	16.6	10,3
	soft	2200	3400	4300	1221	4791	8221	8.1	13.4	17.7	
	hard	2200	3400	4300	3950	8309	12668	8.1	13.4	17.7	



Sizes in inches

Model	A	B	C	D	E	F	G	H	J	K
FPK-40	2.68	5.51	2.91	2.00	3.15	1.89	0.79	0.43	1/4"	1/4"
FPK-55	3.70	7.52	4.09	3.07	4.37	2.36	0.98	0.51	3/8"	3/8"



The FPK can be recycled.
 Housing: Aluminium, hard-anodized
 Base, lid: Aluminium, hard-anodized
 Piston: Steel, PTFE-coated
 Baffle plate: Plastic