



High-frequency Knockers FPK

Properties

- High impact frequency 1'350 – 4'600 vpm
- High force range 195 – 56'350 N
- Lubrication-free
- Can be used up to 120°C, HT version up to 150°C and LT version down to -40 °C on request
- Can be used in dusty environments
- Also available with ATEX certification

Field of application

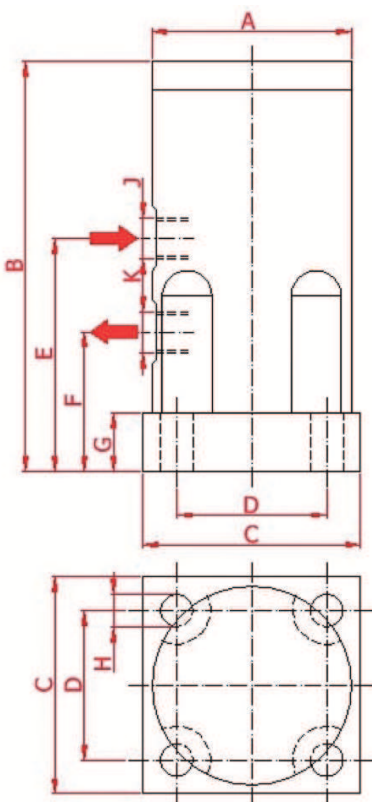
Broad field of application, for example knocking off adhering material from container walls such as silos, chutes, filter outlets, reactors and pipelines.

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.

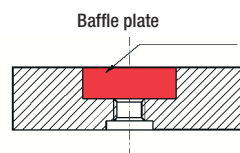
Technical data

Model	Baffle plate	Frequency vpm			Force (peak) N			Air consumption l/min			Weight kg
		2 bar	4 bar	6 bar	2bar	4 bar	6 bar	2 bar	4 bar	6 bar	
FPK-40	none	2100	2400	2800	195	455	730	93	150	225	1,2
	soft	2800	3900	4600	3920	10410	15030	100	195	360	
	hard	2800	3900	4600	7240	14990	22750	100	195	360	
FPK-55	none	1350	1750	2050	510	1165	1985	162	360	470	4,7
	soft	2200	3400	4300	5430	21310	36570	230	380	500	
	hard	2200	3400	4300	17570	36960	56350	230	380	500	



Sizes in mm

Model	A	B	C	D	E	F	G	H	J	K
FPK-40	68	140	74	51	80	48	20	11	1/4"	1/4"
FPK-55	94	191	104	78	111	60	25	13	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