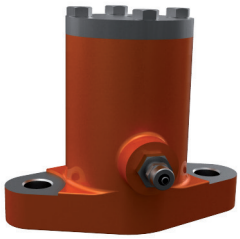
Pneumatic Impact Vibrators MKP



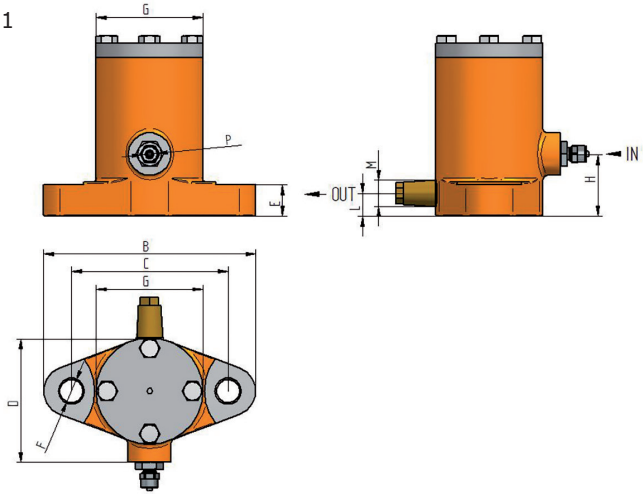
MKP Impact Vibrators produce a shockwave generated by the continuous impact of their internal piston. The frequency and centrifugal force can be adjusted continuously by the air pressure. They are particularly efficient at bulk materials that tend to stick to the wall. MKP vibrators are used for wet or electrostatic powders, clay, sludge or even manure. They avoid the formation of crusts, bridges or ratholes.

working temperature: -20°C till +200°C; P (atex) from -20°C till +130°C
noise emission: < 100 db(A)[1]

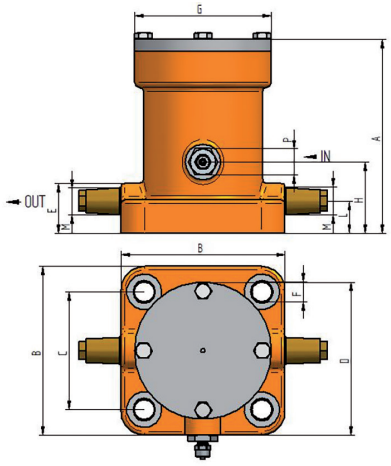
They are designed and tested for use in potentially explosive areas classified as zone 21 (dust) and zone 1 (gas) CAT II 2 GD

type	vibrations			centrifugal force			air consumption			working moment	weight
	min –1			N			l/min			cm kg	kg
	2bar	4bar	6bar	2bar	4bar	6bar	2bar	4bar	6bar	2bar – 6bar	
MKP 25	2,500	3,800	4,500	294	680	954	55	80	200	0.43	2.2
MKP 40	1,650	2,200	2,800	484	860	1,396	31	120	250	1.63	4.5
MKP 60	1,200	1,600	1,900	1,296	2,304	3,250	100	250	400	4.11	11

Figur 1



Figur 2



type	Fig.	A	A1	B	C	D	E	E1	F	G	H	L	M	P
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	OUT	IN
MKP 25	1	92	98	115	85	70	21	27	13	58	30	10,5	1/4“	1/4“
MKP 40	1	121	127	148	110	91	25	31	16,5	75	45	16	3/8“	3/8“
MKP 60	2	163	173	138x142	99x99	125	28	38	17	115	60	27	2 x 1/2“	1/2“

[1] measured in normal operating conditions in accordance with standard UNI EN ISO 11201. In order to avoid unnecessary noise for the environment, we recommend to operate the vibrators with a silencer.

The above given technical performance data are non-binding average values and are subject to modifications and amendments.

Schwingungstechnik GmbH MOOSER
Lindberghstraße 3
D-82178 Puchheim
Phone +49 89 804348
Fax +49 89 804813
info@mooser.net
www.mooser.net