

## Pneumatic Piston Vibrator MKK

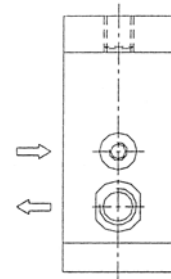
Piston vibrators cause linear vibration.

The frequency can be adjusted according to the inlet pressure.  
The amplitude can be adjusted according to the outlet pressure.  
Lubrication is not required. Little noise emission.

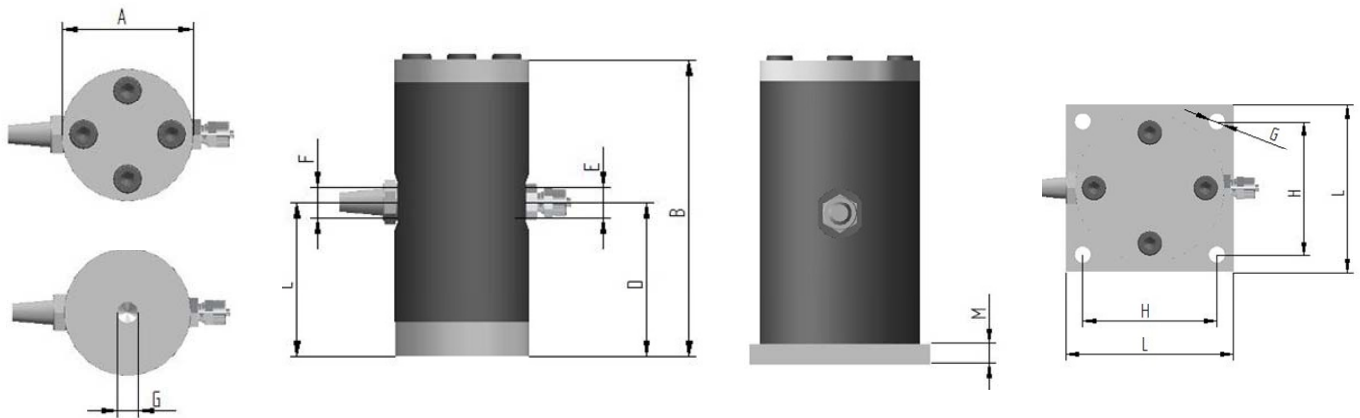
Operating temperature range:  $-20^{\circ}\text{C} \geq 130^{\circ}\text{C}$ .

The vibrators are explosion proofed: Ex II 3D

For operation you will need a 3/2 directional control valve and filtered compressed air.



Type	vibrations $\text{min}^{-1}$			centrifugal force N			air consumption l /min			mass Kg
	2 bar	4 bar	6 bar	2bar	4 bar	6 bar	2 bar	4 bar	6 bar	
<b>MKK 15</b>	4500	5625	6672	27	58	81	9	15	21	0,17
<b>MKK 22</b>	2850	3450	4050	88	139	192	32	50	73	0,50
<b>MKK 30</b>	2475	3075	3450	145	238	300	45	90	140	1,03
<b>MKK 45</b>	1800	2250	2625	377	667	903	56	125	194	2,86
<b>MKK 60</b>	1200	1500	1700	698	1079	1383	48	125	202	4,60



K-Types are delivered with air connection and sound absorber.

In order to start and stop the vibrator without any problems a 3/2-directional valve will be necessary.  
The maximum length between the vibrator and the 3/2-directional valve should not be more than 3 m

Typ	A	B	C	D	E	F	G	H	L	M
	mm									
<b>MKK 15</b>	32	69	37	37	M5	1/8 "	M 8	-	-	-
<b>MKK 22</b>	45	105	56	56	1/8 "	1/8 "	M 10	-	-	-
<b>MKK 30</b>	60	116	62	62	1/4 "	1/4 "	M 12	-	-	-
<b>MKK 45</b>	80	151	78	78	1/4 "	3/8 "	M 8	72	90	15
<b>MKK 60</b>	115	224	115	115	1/2 "	1/2 "	M 12	102	130	20

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