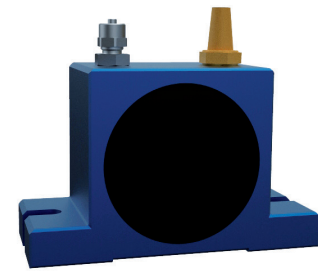


# Pneumatic Ball Vibrators MKS



Ball Vibrators generate rotary vibrations with low amplitudes and high frequencies. They are particularly efficient at fine powders or granular materials such as sand or seeds. Manufactured from an aluminium body with a galvanized steel cover, they are operated with lubricated compressed air. Among the pneumatic vibrators with rotary vibrations, the MKS-series is the most economical solution.

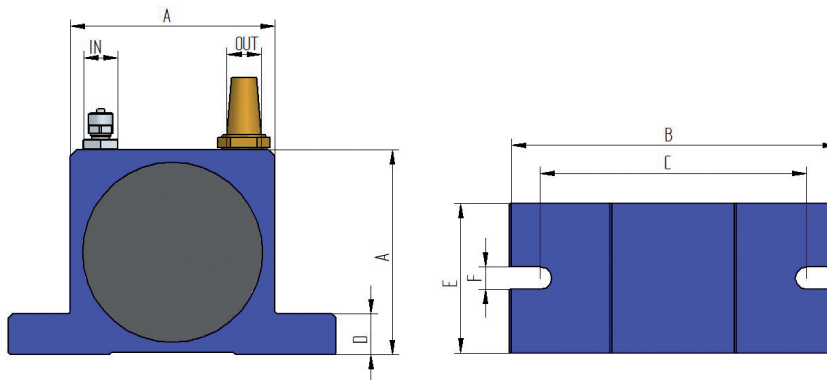


**working temperature:** -20°C till + 200°C

**noise emission:** < 90 db(A)<sup>1</sup>

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			weight kg
	min <sup>-1</sup>			N			l/min			
	2bar	4bar	6bar	2bar	4bar	6bar	2bar	4bar	6bar	
MKS 8	25,500	31,000	35,000	130	260	360	83	145	195	0.13
MKS 10	22,500	28,000	34,000	250	470	710	92	150	200	0.13
MKS 13	15,000	18,500	22,500	320	550	870	94	158	225	0.26
MKS 16	13,000	17,000	19,500	450	800	1,100	122	200	280	0.30
MKS 20	10,500	14,500	16,500	720	1,220	1,720	130	230	340	0.53
MKS 25	9,200	12,200	14,000	930	1,570	2,050	160	290	425	0.63
MKS 30	7,800	9,700	12,500	1,510	2,470	3,210	215	375	570	1.13
MKS 36	7,300	9,000	10,000	2,060	3,150	4,050	260	475	675	1.34



type	A	B	C	D	E	F	G	H
	mm	mm	mm	mm	mm	mm	IN	OUT
MKS 8	50	86	68	12	20	7	1/8"	1/8"
MKS 10	50	86	68	12	20	7	1/8"	1/8"
MKS 13	65	113	90	16	25	9	1/4"	1/4"
MKS 16	65	113	90	16	28	9	1/4"	1/4"
MKS 20	80	128	104	16	33	9	1/4"	1/4"
MKS 25	80	128	104	16	38	9	1/4"	1/4"
MKS 30	100	160	130	20	45	11	3/8"	3/8"
MKS 36	100	160	130	20	50	11	3/8"	3/8"

<sup>1</sup> 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.