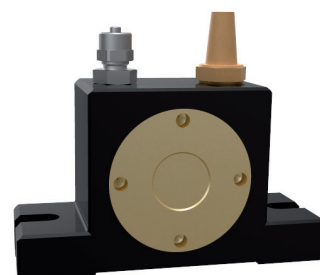


Pneumatic Roll Vibrators MRR

Roll Vibrators generate rotary vibrations with low amplitudes and high frequencies. Among others, they are suitable for hopper emptying and for compaction processes in moulds due to higher forces generated than by pneumatic ball-vibrators. Roll vibrators consist of an aluminium casing and are operated with compressed lubricated air.

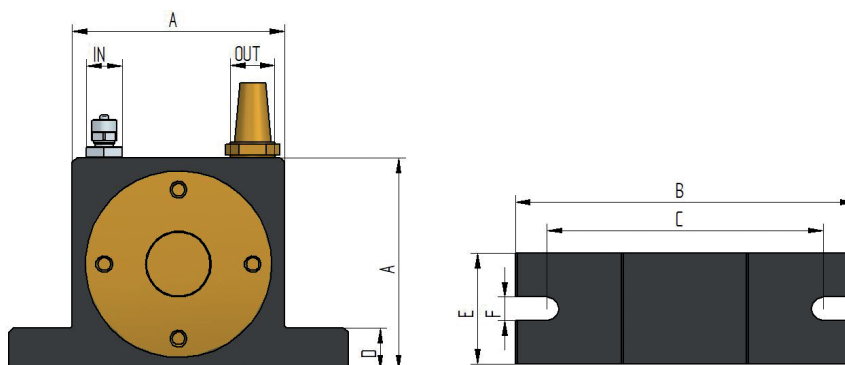


working temperature: -20°C till + 200°C

noise emission: < 90 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 | | | weight kg |
|---------|-------------------|--------|--------|-------------------|-------|-------|-----------------|------|------|--------------|
| | min ⁻¹ | | | N | | | l/min | | | |
| | 2bar | 4bar | 6bar | 2bar | 4bar | 6bar | 2bar | 4bar | 6bar | |
| MRR 50 | 21,000 | 25,000 | 29,500 | 1,880 | 2,810 | 3,550 | 78 | 144 | 204 | 0.37 |
| MRR 65 | 19,000 | 22,000 | 26,000 | 2,350 | 4,390 | 5,520 | 100 | 198 | 296 | 0.76 |
| MRR 80 | 14,000 | 16,000 | 21,500 | 3,420 | 5,870 | 6,240 | 122 | 255 | 378 | 1.27 |
| MRR 100 | 6,750 | 9,750 | 11,000 | 2,890 | 6,040 | 7,830 | 132 | 284 | 412 | 2.60 |



| type | A | B | C | D | E | F | H | I |
|---------|-----|-----|-----|----|----|----|------|------|
| | mm | mm | mm | mm | mm | mm | IN | OUT |
| MRR 50 | 50 | 86 | 68 | 12 | 30 | 7 | 1/8" | 1/8" |
| MRR 65 | 65 | 113 | 90 | 16 | 36 | 9 | 1/4" | 1/4" |
| MRR 80 | 80 | 128 | 102 | 16 | 40 | 9 | 1/4" | 1/4" |
| MRR 100 | 100 | 160 | 130 | 20 | 52 | 11 | 3/8" | 3/8" |

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.