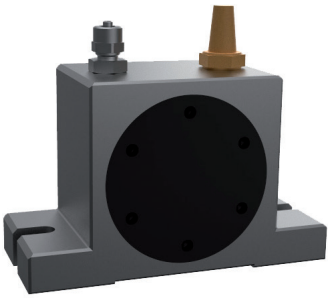
Pneumatic Turbine Vibrators MTT

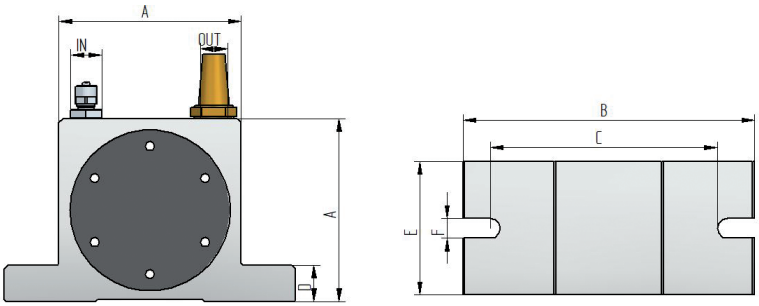
Turbine Vibrators generate rotary vibrations with very low amplitudes and high frequencies. They are characterized by higher centrifugal forces than ball vibrators and they generate a lower noise level.
Operated with oil-free compressed air, they are especially suitable for food processing machines as well as for emptying bins or aiding material flow in chutes. MTT vibrators are manufactured from an aluminium casing.



working temperature: -20°C till + 120°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 min $^{-1}$			centrifugal force N			air consumption l/min			weight kg
	2bar	4bar	6bar	2bar	4bar	6bar	2bar	4bar	6bar	
MTT 8	34,000	38,000	42,000	1,100	2,050	2,920	45	81	110	0.25
MTT 10	26,000	33,000	38,000	1,050	1,710	2,520	45	81	110	0.26
MTT 13	24,500	28,500	31,000	2,020	2,630	3,000	122	204	285	0.57
MTT 16	18,000	20,000	21,000	1,940	2,390	2,640	122	204	285	0.58
MTT 20	14,500	19,000	23,000	2,510	4,040	5,260	184	318	452	1.09
MTT 25	13,200	15,500	17,000	2,440	3,360	5,080	184	318	452	1.12
MTT 30	11,000	12,500	13,500	3,510	7,210	7,810	322	542	749	2.20
MTT 36	8,500	11,500	12,000	3,410	6,980	7,490	322	542	749	2.30



type	A mm	B mm	C mm	D mm	E mm	F mm	H IN	I OUT
MTT 8	50	86	68	12	33	7	1/8“	1/8“
MTT 10	50	86	68	12	33	7	1/8“	1/8“
MTT 13	65	113	90	16	42	9	1/4“	1/4“
MTT 16	65	113	90	16	42	9	1/4“	1/4“
MTT 20	80	128	104	20	56	9	1/4“	1/4“
MTT 25	80	128	104	20	56	9	1/4“	1/4“
MTT 30	100	160	130	20	73	11	3/8“	3/8“
MTT 36	100	160	130	20	73	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.

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