

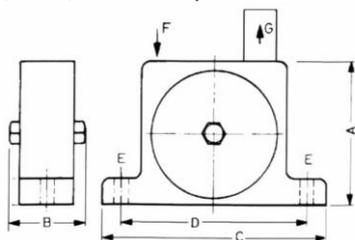
Pneumatic Turbine Vibrators

VT Series



The VT turbine vibrator consists of an aluminum turbine with integrated lead weights. The turbine's special blade-shaped profile generates high frequencies and large amplitudes of vibration. As the frequency can be infinitely varied by means of pressure regulation, the VT turbine vibrator offers a broad vibration spectrum, making it suitable for a wide range of applications. High-quality grooved ball bearings are lubricated for life and require no maintenance.

The VT turbine vibrator works in any mounting position. At around 70 dBA, it is one of the quietest pneumatic vibrators on the market. Dry, clean, oil-free compressed air is required for long, trouble-free operation.



Type	Frequency (rpm)	Centrifugal Force (N)	Air Cons (l/min)	Weight (Kg)	A*	B*	C*	D*	Ø E*	F*	G*
VT7	41 000	1 440	85	0.32	55	36	90	68 - 73	7	1/8"	1/8"
VT9	32 000	1 650	105	0.32	55	36	90	68 - 73	7	1/8"	1/8"
VT13	26 000	3 630	180	0.76	80	49	128	104	9	1/4"	1/4"
VT16	18 500	4 180	225	0.78	80	49	128	104	9	1/4"	1/4"
VT17	16 500	4 980	235	0.80	80	49	128	104	9	1/4"	1/4"
VT24	12 400	6 220	325	1.98	110	63	170	130 - 140	11	3/8"	3/8"
VT31	11 000	8 610	350	2.04	110	63	170	130 - 140	11	3/8"	3/8"
VT50	6 800	11 560	550	4.28	140	80	200	170	11	3/8"	1/2"

*Dimensions (mm) - Datasheet at 6 bars



Features:

- Anodized stainless aluminum body
- Compressed air operating range from 2 to 6 bar
- Removable, watertight steel flanges
- Special-profile turbine mounted on HF bearings
- Reduced air consumption
- Non-lubricated dry air operation
- Supplied with intake manifold and silencer, boltless

On request:

- Version ATEX Ex II 2G c T6
- Piped inlets



Highlights:

- Maintenance-free
- Lifetime lubrication
- Frequencies up to 41 000 rpm
- Centrifugal forces up to 8 610 N
- Low noise level (< 70 dBA)
- Minimum oil-free compressed air consumption

Energy : Pneumatic

Sectors : Industry

Applications : Compaction, Conveying, Draining, Flow, Screening, Sorting