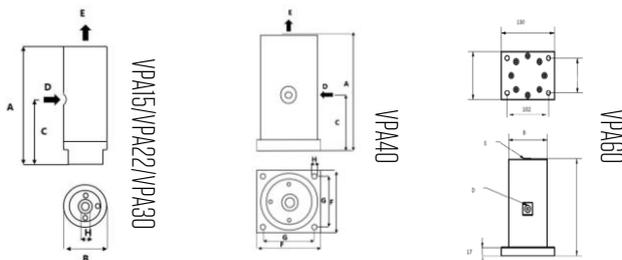


# Pneumatic Silent Piston Vibrators

## VPA Series



The VPA series silent pneumatic piston vibrator is an industrial device for generating unidirectional excitation at very low noise levels, obtained by the movement of a piston on an air damper. Frequency and amplitude vary according to the air flow or pressure applied. Thanks to their compact geometry, they are ideal for conveyors, test benches or installations in confined spaces.



Type	Frequency (rpm)	Linear Force (N)	Cons. Air (l/min)	Weight (Kg)	A*	B*	C*	D*	E*	F*	G*	H
VPA15	6 000	83	20	0.40	85	38	42	G1/8	G1/8	-	-	M8
VPA22	3 300	196	75	0.70	125	45	65	G1/8	G1/8	-	-	M10
VPA30	4 200	441	85	1.04	116	50	-	G1/8	G1/4	48	-	M10
VPA40	2 400	920	200	2.30	168	80	81	G1/4	G3/8	90	73	8.5
VPA60	3 300	1 450	170	5.25	201.5	95	-	G3/8	G3/8	100	72	11
VPA90	1 400	3 780	342	22.80	261	130	-	G1/2	G1/2	130	90	18.5

\*Dimensions (mm) - Dataset at 6 bars



### Features:

- Silent piston
- Lubricated dry air required, filtered to  $\leq 5 \mu\text{m}$
- Compressed air operating range from 2 to 6 bar
- Ambient temperature from  $-20^\circ\text{C}$  to  $100^\circ\text{C}$
- Noise level in dB(A) 70-76 from 2 to 6 bar
- Supplied with intake manifold and silencer, boltless



### Highlights:

- Simulates the repeated blows of a rubber mallet
- Extremely low maintenance
- Resistant to extreme operating conditions

**Energy :** Pneumatic

**Sectors :** Industry

**Applications :** Aggregate case, Compaction, Conveying, Draining, Flow, Sorting, Unclogging