

Piston vibrator

Excellent durability EPV series

Piston vibrator EPV series is a pneumatic vibrator that produces a stable and uni-directional vibration by vertical movement of piston. This is used mainly for prevention of blockage or filling of powder in hopper, tank, or piping chute, and as vibration source of Vibration table, vibration feeder and vibration screen.



FEATURES

- 1 The frequency and vibration force are adjustable by supply air pressure.
- 2 Exen's original wear resistance treatment is given to piston which achieved excellent durability.
- 3 Applicable for vibration feeder and filling equipment because of its uni-directional vibration.
- 4 Exhaust muffler having both of filter and silencer function cuts an oil mist and noise at the same time - Eco friendly.
- 5 Only one bolt is required for installation - Simple and easy installation.

Ultra-compact piston vibrator ELV8

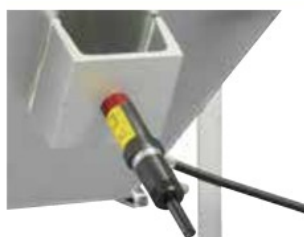
Unlike the conventional piston vibrator EPV series, linear type piston vibrator ELV series has a different structure in which high amplitude can be obtained in high-stroke operation because the piston protrudes outside of cylinder. It provides two kinds of amplitudes by installing direction (cylinder-fix or piston-fix).



ELV8

FEATURES

- 1 Vibration frequency and vibratory force are adjustable by supply air pressure
- 2 Two kinds of amplitude is selectable by installing direction
- 3 Optional dust cover protects the slide surface in dusty environment



Cylinder-fix



Piston-fix

Optional item



Dust cover

Specification (Metric)

Model	Working Pressure (MPa)	Frequency (Hz)	Centrifugal Force (N)	Air Consumption (L/min(ANR))	Diameter (mm)	Height (mm)	Bolt size (mm)	Weight (kg)
ELV8	0.2~0.6	25~36	13~40	4~48	8	96~124	M5	0.10
		34~54	14~41	8~76	23		M6	

Specification (Imperial)

Model	Working Pressure (PSI)	Frequency (VPM)	Centrifugal Force (lbf)	Air Consumption (CFM)	Diameter (inch)	Height (inch)	Bolt size (inch)	Weight (lb)
ELV8	29~87	1500~2160	2.92~8.99	0.14-1.69	5/16	3-25/32 - 4-7/8	No12	0.22
		2040~3240	3.15~9.22	0.28-2.68	29/32		1/4	