

PNEUMATIC IMPACT VIBRATORS



VPB

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DESCRIPTION

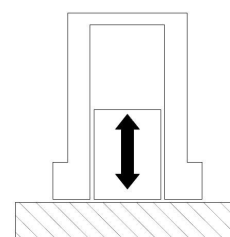
The pneumatic impact vibrators produce vibrations through the direct impact of the piston on the structure to be vibrated. Galvanized version available.

OPERATING CONDITIONS

Filtered ($\leq 5\mu\text{m}$) and dehumidified compressed air is required. The pressure must be between 2[bar] and 6[bar]. Lubricated air is recommended. By using not lubricated air the vibrators life and the performance decrease.

APPLICATIONS

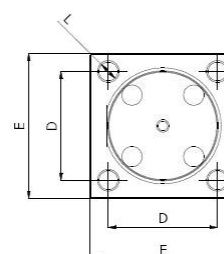
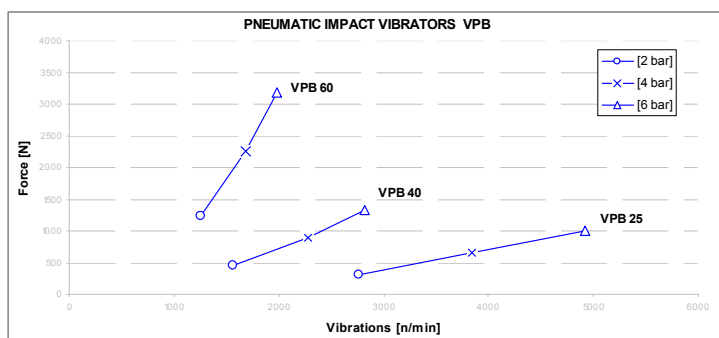
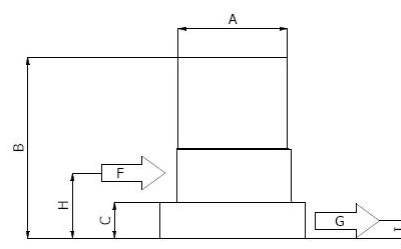
The pneumatic impact vibrators VPB are used to facilitate the handling of the material along slides, tubes and hoppers. The high impact force disintegrates accumulations and encrustations which hinder the proper flow of material.



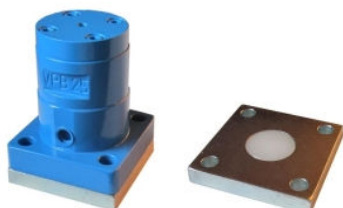
DATA	VIBRATIONS PER MINUTE			FORCE			AMBIENT TEMPERATURE	
	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	min	MAX
VPB 25	2760	3840	4920	305	660	995	-20	100
VPB 40	1560	2280	2820	460	890	1320		
VPB 60	1260	1680	1980	1240	2250	3180		

The number of vibrations per minute and the centrifugal force depend on the operating pressure and the dynamic property of the structure on which they are mounted.

The data reported in the schedule have been obtained by mounting the vibrators on a vibrating table, using lubricated air and with specific silencers.



DIMENSIONS	A	B	C	D	E	F	G	H	I	L	WEIGHT
	[mm]	[mm]	[mm]	[mm]	[mm]	IN	OUT	[mm]	[mm]	[mm]	[kg]
VPB 25	61	95	19	59	80	1/4"	1/4"	30	10	10,5	2,5
VPB 40	80	125	25	75	100	3/8"	3/8"	45	13	13	5
VPB 60	113	165	29	99	137 x 143	1/2"	2X1/2"	59	27	17	12



The **B-PLATE KIT** allows to reduce the noise generated by the vibrator and generate impacts similar to a rubber hammer. The effect is achieved by interposing a disk of polymeric material between the piston and the installation surface.

We reserve the right to modify specifications or products without any obligation.



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