

LVS / LVSH / LVSK

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SILENT PNEUMATIC EXTERNAL VIBRATORS

Powerful, silent and reliable pneumatic external vibrators that can also be used under the hardest conditions.

Description

Pneumatic external vibrators are small in size, yet extremely powerful and very effective. Furthermore, they are safe and easy in use and perform trouble-free and with minimum maintenance for many years. Pneumatic external vibrators are very useful for large projects such as construction of tunnels, bridges, viaducts and dams. These super silent vibrators are excellent for use in concrete factories with strict regulations for preventing noise nuisance. The following models are available:

- Type LVSK: for rapid coupling fixing, without handgrip
- Type LVSH: for rapid coupling fixing, with handgrip
- Type LVS : for bolt fixing



LVSK 1117



LVSH 5023



LVS 1118

Characteristics

Main characteristics of LVS / LVSH / LVSK external vibrators are:

- Centrifugal force and vibrating frequency can easily be adjusted.
- No bearings but eccentric rotating rotors made of hardened, special steel.
- Use of compressed air guarantees safe and trouble-free operation.
- They are insensible to temperatures and overload.
- Each vibrator is supplied with an oil-resistant 0.5 m. twin rubber tube for air supply and discharge and 3/4" connection to the compressed air supply. This unit has to be equipped with an atomized oil lubricator, a dehumidifier and a pressure regulator.
- Safe and simple fixing with rapid coupling or bolts.



M23

M17

P18

Technical information

TYPE	FREQ.	CENTR. FORCE	AMPL.	AIR CONS.	WEIGHT	NOISE LEVEL	FIX
	Omw/min.	kN	Mm	l/min	Kg	dB(A)	
LVSK 817	14.000	7.67	3.5	1.600	8.8	85	M17*
LVSK 1117	14.500	9.64	3.5	1.700	9.0	88	M17*
LVSK 1217	9.000	11.30	3.75	1.600	10.4	82	M17*
LVSK 1417	15.000	11.87	3.5	1.750	9.2	88	M17*
LVSK 3323	10.500	30.50	4.5	1.600	19.0	78	M23*
LVSK 5523	10.000	36.20	4.5	1.800	21.0	76	M23*
LVSH 3023	10.500	30.50	4.5	1.600	19.0	78	M23*
LVSH 5023	10.000	36.20	4.5	1.800	21.0	76	M23*
LVS 418	15.500	2.87	3.2	800	6.7	84	P18**
LVS 618	15.500	5.00	3.2	800	7.0	84	P18**
LVS 818	14.000	7.67	3.5	1600	9.3	85	P18**
LVS 1118	14.500	9.64	3.5	1700	9.6	85	P18**
LVS 1418	15.000	11.87	3.5	1750	9.7	85	P18**

* Rapid couplings M17 and M23 are excellent for quick and easy securing of vibrators to frameworks. Excellent securing which is very useful for prefabrication moulds, vibrating tables, block-making machines etc.

** Bolt plate P18 is secured to the framework, then the vibrator is mounted with 2 bolts.