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Pneumatic Linear Vibrators Series NTP



- Linear vibration
- Nominal frequency from 1,328 min⁻¹ to 11,160 min⁻¹
- Centrifugal force from 69 N to 2,039 N
- Frequency and amplitude separately adjustable
- Versions according to ATEX or in stainless steel available



NTP 18



NTP 25



NTP 32

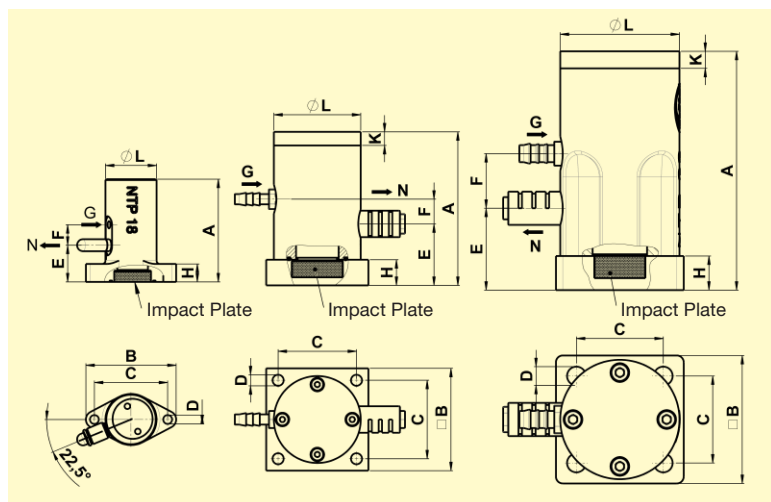


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Type	Unbalance [cmkg]			Nominal frequency [min ⁻¹]			Centrifugal force [N]			Air consumption [l/min]	Sound level [dB(A)]
	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar - 6 bar	2 bar - 6 bar
NTP 18 B+C	0.060	0.060	0.060	6,600	9,420	11,160	147	300	421	20 - 64	75 - 87
NTP 18 B	0.090	0.100	0.110	3,828	4,680	5,490	69	118	183	12 - 67	65 - 77
NTP 25 B+C	0.144	0.163	0.196	5,848	7,000	8,784	269	438	830	33 - 108	68 - 82
NTP 25 B	0.488	0.613	0.686	2,645	3,159	3,602	190	341	487	23 - 92	64 - 73
NTP 32 B+C	0.602	0.665	0.665	2,959	4,080	5,040	289	607	926	50 - 198	71 - 86
NTP 32 B	1.080	1.365	1.449	1,824	2,221	2,614	197	369	543	37 - 143	64 - 77
NTP 48 B+C	2.081	1.992	1.992	2,618	3,456	4,320	782	1,305	2,039	96 - 336	78 - 90
NTP 48 B	4.718	6.188	6.641	1,328	1,603	1,963	456	872	1,403	67 - 295	65 - 80

The technical data are comparative values and can vary depending on the application. Further data on request. Subject to technical modifications.

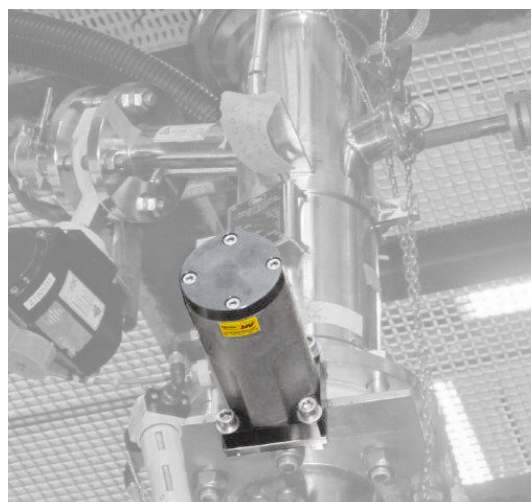
Type	A [mm]	B [mm]	C [mm]	Ø D [mm]	E [mm]	F [mm]	G	H [mm]	K [mm]	Ø L [mm]	N	Weight [kg]
NTP 18	60.2	53	43	5.2	21.5	12	M5	10.5	-	30	M5	0.16
NTP 25	90	60	46	6.5	36	14.5	G 1/8	15	8	51	G 1/8	0.61
NTP 32	140	75	51	11	48	32	G 1/4	20	10	70	G 1/4	1.47
NTP 48	194	100	78	13	60	51	G 3/8	25	15	95	G 3/8	3.95



NTP 18 B+C

NTP 25 B+C

NTP 32/48 B+C



NTP 48 for loosening material jams

Application areas

The pneumatic linear vibrators series NTP are particularly suitable for knocking off firmly adhering substances from hoppers, containers, silos and bunkers. They are also used as drives for vibration tables and chutes, as well as an emptying aid for containers. NTP vibrators can achieve the effect of a rubber hammer impact, or can function with hard impacts.

Design and function

The vibration (linear) is generated by a freely oscillating differential pressure piston. In the standard version B+C, the piston hits against an elastomeric impact plate, creating a rubber hammer effect.

The version B has no impact plate, the piston works here quietly against an air cushion. Hard-hitting versions are also available as B+A.

The frequency can be infinitely varied with the operating pressure. A way valve is required for operation (not included in scope of delivery). Oil-free operation is possible if

Netter's recommendations are followed. ATEX-compliant linear vibrators of the series NTP and vibrators with stainless steel housings are available.

Permissible operating conditions

Drive medium:

Compressed air or nitrogen (filter ≤ 5 µm), preferably with mist lubricator

Operating pressure:

2 bar to 6 bar

Ambient temperature:

5 °C to 60 °C

NetterVibration offers the right accessories required for the mounting, installation and control of vibrators and interval impactors.

Netter provides solutions.

Consult our experienced application technicians.

Andantex Srl

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