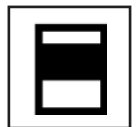




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Netter Pneumatic Piston Vibrators Series NTP



- Linear vibration
- Nominal frequency from 1.200 min⁻¹ to 8.400 min⁻¹
- Centrifugal force from 65 N to 1.883 N
- Frequency and amplitude are adjustable separately
- Available in ATEX compliant or in stainless steel



NTP 25



NTP 32



NTP 48

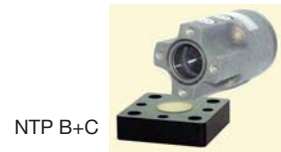


Netter Pneumatic Piston Vibrators Series NTP

Type	Working moment [cmkg]			Nominal frequency [min ⁻¹]			Centrifugal force [N]			Air consumption [l/min]		
	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar
NTP 25 B+C	0,104	0,117	0,130	4.800	6.960	8.400	131	311	503	24	70	158
NTP 25 B	0,170	0,290	0,330	2.640	3.240	3.840	65	165	263	17	55	120
NTP 32 B+C	0,960	1,170	1,210	2.900	3.500	4.000	443	786	1.062	43	110	215
NTP 32 B	1,100	1,330	1,350	2.100	2.500	2.900	265	471	618	34	95	173
NTP 48 B+C	2,900	5,240	5,960	1.700	2.100	2.400	460	1.268	1.883	96	361	610
NTP 48 B	3,480	5,690	6,790	1.200	1.500	1.700	275	760	1.130	77	291	492

Standard version B+C: Bottom plate with elastomer inlay, B: Bottom plate with air cushion.
The technical data are comparative values and can vary depending on application.
Further data on demand. Subject to technical modification.

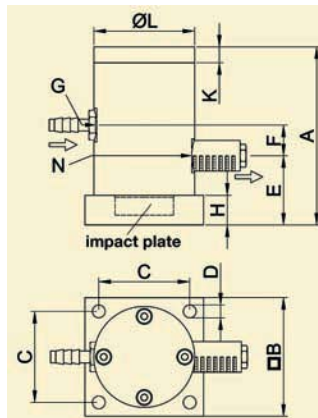
Type	A [mm]	B [mm]	C [mm]	ØD [mm]	E [mm]	F [mm]	G	H [mm]	K [mm]	ØL [mm]	N	Weight [kg]
NTP 25	90	60	46	6,5	36	14,5	G1/8	15	8	51	G1/8	0,61
NTP 32	140	75	51	11	48	32	G1/4	20	10	70	G1/4	1,47
NTP 48	194	100	78	13	60	51	G3/8	25	15	95	G3/8	3,95



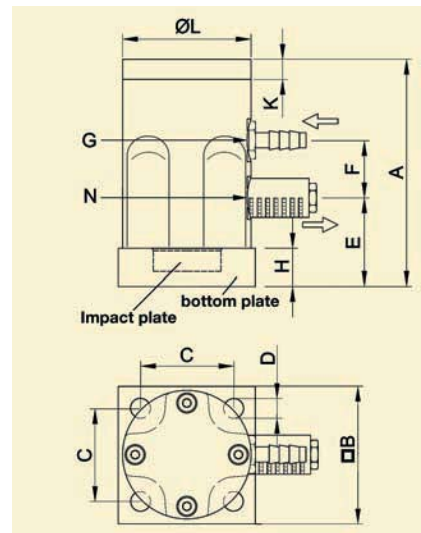
NTP B+C



aligning of layers



NTP 25 B+C



NTP 32 B+C and NTP 48 B+C

Applications

The pneumatic piston vibrators series NTP are especially suitable for knocking off material adhering to container walls in funnels, containers, silos and hoppers. They can be used as drives for vibrating tables and chutes and as assistance for emptying containers.

Special features of NTP vibrators are: impacts like a rubber hammer or vibration with high peak acceleration.

Design and functioning principle

The vibration (linear) is produced by a freely vibrating differential pressure piston. In the standard version B+C the piston is knocking against an elastomer impact plate and works like a rubber hammer. In the version B without impact plate the piston works against an air cushion (noise reduced).

Hard knocking versions available. The frequency can be adjusted by varying the pressure of the air supply and the amplitude by throttling the exhaust.

For operation a control valve is required (not included in scope of delivery). Lubrication-free operation is possible in compliance with the recommendations of Netter.

ATEX compliant linear vibrators of the NTP series and units with stainless steel housing are available.

Permissible operating conditions

Drive medium:

Compressed air or nitrogen (Filter A5 µm), preferably with oil mist

Operating pressure:

2 bar to 6 bar

Ambient temperature:

5°C to 80°C

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

Stijma Triltechniek BV

Poort van midden Gelderland Rood 21
P/O box 27
6666 ZG HETEREN
The Netherlands

Tel. : +31-26-4790442
Fax.: +31-26-4790441