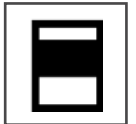




26

Netter Pneumatic Piston Vibrators Series NTP



- Linear vibration
- Nominal frequency from 1,328 min⁻¹ to 8,784 min⁻¹
- Centrifugal force from 190 N to 2,039 N
- Frequency and amplitude are adjustable separately
- Available in ATEX compliant or in stainless steel



NTP 25



NTP 32



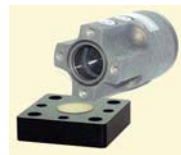
NTP 48



Netter Pneumatic Piston Vibrators Series NTP

| Type | Working moment [mm kg] | | | Nominal frequency [min ⁻¹] | | | Centrifugal force [N] | | | Air consumption [l/min] | Noise level [dB(A)] |
|------------|------------------------|---------|---------|--|---------|---------|-----------------------|---------|---------|-------------------------|---------------------|
| | 200 kPa | 400 kPa | 600 kPa | 200 kPa | 400 kPa | 600 kPa | 200 kPa | 400 kPa | 600 kPa | 200 kPa – 600 kPa | 200 kPa – 600 kPa |
| NTP 25 B+C | 1.44 | 1.63 | 1.96 | 5,848 | 7,000 | 8,784 | 269 | 438 | 830 | 33 – 108 | 68 – 82 |
| NTP 25 B | 4.88 | 6.13 | 6.86 | 2,645 | 3,159 | 3,602 | 190 | 341 | 487 | 23 – 92 | 64 – 73 |
| NTP 32 B+C | 6.02 | 6.65 | 6.65 | 2,959 | 4,080 | 5,040 | 289 | 607 | 926 | 50 – 198 | 71 – 86 |
| NTP 32 B | 10.80 | 13.65 | 14.49 | 1,824 | 2,221 | 2,614 | 197 | 369 | 543 | 37 – 143 | 64 – 77 |
| NTP 48 B+C | 20.81 | 19.92 | 19.92 | 2,618 | 3,456 | 4,320 | 782 | 1,305 | 2,039 | 96 – 336 | 78 – 90 |
| NTP 48 B | 47.18 | 61.88 | 66.41 | 1,328 | 1,603 | 1,963 | 456 | 872 | 1,403 | 67 – 295 | 65 – 80 |

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.

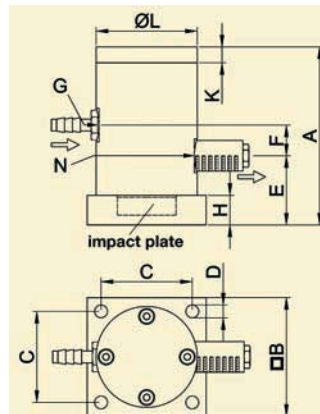


NTP B+C

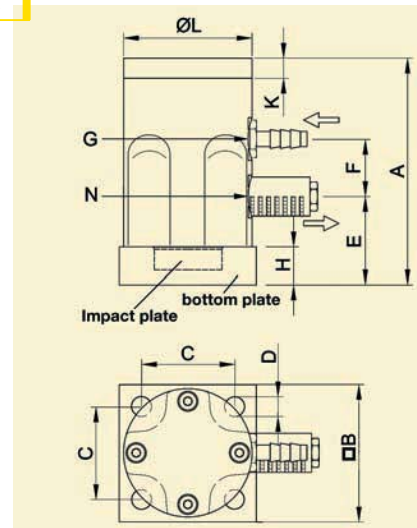
| Type | A [mm] | B [mm] | C [mm] | ØD [mm] | E [mm] | F [mm] | G [mm] | H [mm] | K [mm] | ØL [mm] | N [mm] | Weight [kg] |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|---------|--------|-------------|
| NTP 25 | 90 | 60 | 46 | 6.5 | 36 | 14.5 | G1/8 | 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 |



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 ≤ 5 µm), preferably with oil mist

Operating pressure:

200 kPa to 600 kPa

Ambient temperature:

5°C to 60°C

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

VSS provides solutions.

Consult our experienced application technicians.

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Netter Vibration



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