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Netter Pneumatic External Vibrators Series NVR, NVG, NVT and NQT



- Circular vibration
- Nominal frequency from 8.500 min⁻¹ to 17.000 min⁻¹
- Centrifugal force from 7.130 N to 62.260 N
- Frequency infinitely variable by air pressure
- No bearings
- Easily and quickly removable
- Noise reduced design NQT



NVG 61



NVR 61



NVT with bracket NVH 4



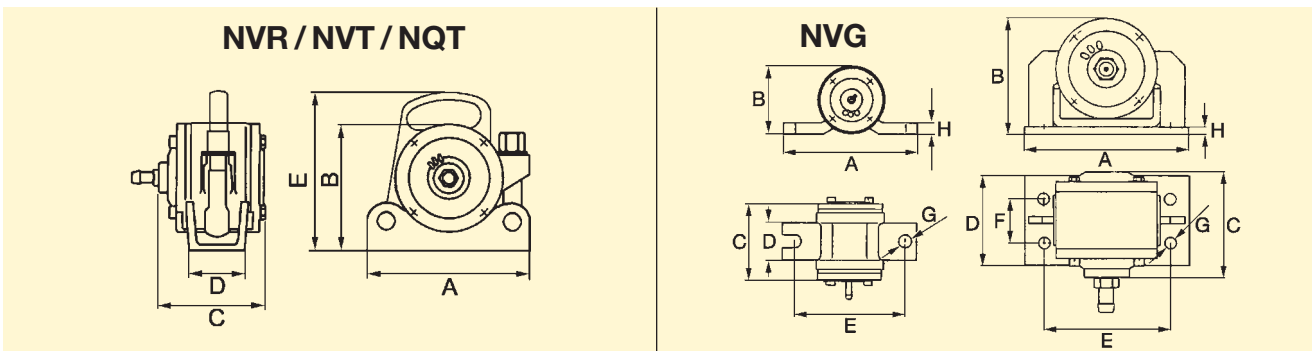
NetterVibration



Netter Pneumatic External Vibrators Series NVR, NVG, NVT and NQT

| Type | | NVR [®] , NVG [®] | | | NVT [®] , NVG [®] | | NVT [®] , NVG [®] | | | NQT | |
|-------------------|----------------------|-------------------------------------|--------|--------|-------------------------------------|--------|-------------------------------------|--------|--------|--------|--------|
| | | 49 | 55 | 61 | 82 | 113 | 84 | 87 | 105 | 93 | 108 |
| Nominal frequency | [min ⁻¹] | 17.000 | 16.500 | 16.000 | 9.000 | 8.500 | 16.000 | 15.200 | 14.500 | 10.000 | 10.000 |
| Centrifugal force | [N] | 7.130 | 11.000 | 14.250 | 15.320 | 38.830 | 27.400 | 37.500 | 62.260 | 18.480 | 24.788 |
| Unbalance | [cmkg] | 0,45 | 0,74 | 1,02 | 3,45 | 9,80 | 1,95 | 2,96 | 5,40 | 3,37 | 4,52 |
| Air consumption | [l/min] | 1.000 | 1.100 | 1.200 | 1.600 | 1.700 | 1.600 | 1.600 | 1.800 | 1.450 | 1.550 |
| Weight | [kg] ① | 6,6 | 7,0 | 7,6 | 14,9 | 16,9 | 14,0 | 14,4 | 16,3 | | |
| without hose | [kg] ② | 7,1 | 7,3 | 7,8 | 19,7 | 22,6 | 20,0 | 20,4 | 22,4 | | |
| Weight with hose | [kg] | | | | | | | | | 18,6 | 20,3 |

NVG with base plate. NVT and NQT with carrying handle on top for bracket NVH 4. NVR without carrying handle for bracket NVH 1. Data obtained on 6 bar.



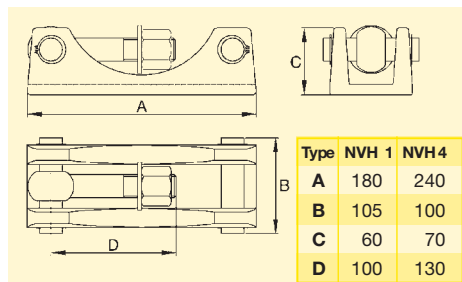
| Type | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | Ø G [mm] | H [mm] |
|--------------------------|--------|--------|--------|--------|--------|--------|----------|--------|
| NVG 49, 55, 61 | 220 | 111 | 175 | 60 | 180 | - | 20 | 20 |
| NVR 49, 55, 61 | 182 | 140 | 175 | 90 | - | - | - | - |
| NVT 82, 113, 84, 87, 105 | 240 | 185 | 150 | 83 | 225 | - | - | - |
| NVG 82, 113, 84, 87, 105 | 260 | 187 | 145 | 140 | 200 | 70 | 17 | 12 |
| NQT 93, 108 | 240 | 230 | 240 | 80 | - | - | - | - |



Compacting of moulding sand



Tunnel moulds



Dimensions of NVH 1 and NVH 4

Application

The pneumatic external vibrators series NQT, NVG, NVR und NVT are especially suitable for compacting, conveying and loosening bulk material.

They are used to compact concrete, empty bins and as drives for conveyors, sieves and vibrating tables.

A special feature is the ruggedness against strong varying loads. There is no danger of overload.

Design and functioning principle

The vibration (circular) is produced by eccentric rotating rotors. The frequency and herewith the centrifugal force are continuously adjustable by the operating pressure. For operation a control valve is required (not included in scope of delivery).

Permissible operating conditions

Drive medium:

Compressed air or nitrogen (Filter ≤ 5 µm), preferably with oil mist.

Operating pressure:

1 bar to 7 bar

Ambient temperature:

-10°C to +60°C

Units for other temperatures are available.

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

Netter provides solutions. Consult our experienced application technicians.

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