F

Vacuum Clamping Technology

Vacuum Suction Foams

Vacuum Suction Cups

Customized products

Vacuum Generators

Cups

Compact Valves

Attachment

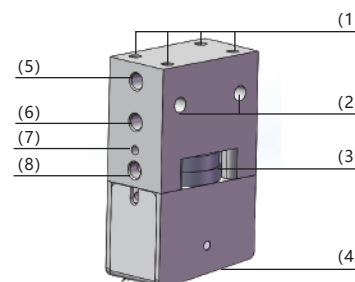# Suction Cups
## HZN

Needle suctio

*HANWHA*

Composite    Textile

## Product characteristics

* Needle suckers for handling non-rigid and porous materials (mainly textiles)
* Handling materials that are difficult to pick up with vacuum, such as composite fibers, fluff fabrics, filtration materials, insulation and foam materials
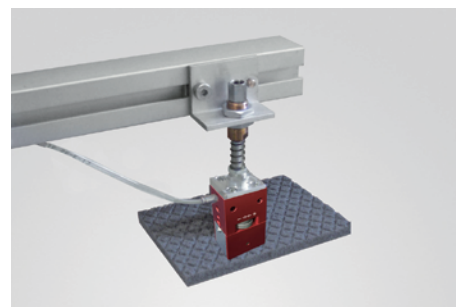* Small needle inserted deep money, can be quickly released
* Adjustable needle stroke

## Product structure

* (1) 4 mounting holes
* (2) Mounting holes
* (3) Knob for adjusting needle travel
* (4) 32 steel needles
* (5) Compressed air inlet
* (6) Compressed air inlet 2
* (7) Lock the mouth of the screw
* (8) Back mouthpiece

## Product advantages

* Especially suitable for installation in confined Spaces
* Only one control signal
* Perfect for other mounting parts

*Example of needle suction composite material

www.vhhtc.com

F

Vacuum Clamping Technology

Vacuum Suction Foams

Vacuum Suction Cups

Customized products

Vacuum Generators

Cups

Compact Valves

Attachment

# Suction Cups

# HZN

Needle suctio

**HANWHA**

Composite    Textile

## HZN25 Ordering NO

| HZN | – | 25 |
|-----|---|----|
| 1   |   | 2  |

| 1-Series | | 2-Operating stroke | |
|----------|---|--------------------|---|
| HZN | Suction cup | 25 | 2.5mm |

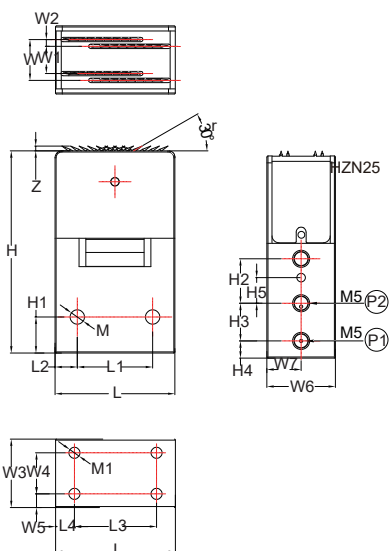## HZN25 Technical Data

| Models | Number of needles | Needle diameter [mm] | Operating angle [o] | Manner of execution | Stroke [mm] |
|--------|-------------------|----------------------|---------------------|---------------------|-------------|
| HZN25 | 32 | φ0.7 | 30 | double-acting | 2.5 |

| Models | Operating temperature [ ℃] | Maximum working pressure [ MPa] | Minimum working pressure [ MPa] | Inlet diameter | Weight [ g] |
|--------|----------------------------|----------------------------------|----------------------------------|----------------|-------------|
| HZN25 | 0~70 | 0.7 | 0.4 | M5 | 114 |

## HZN25 Design Data

Size[mm]

| Models | L | L1 | L2 | L3 | L4 | H | H1 |
|--------|---|----|----|----|----|----|----|
| HZN25 | 35 | 22 | 6.5 | 24 | 5.5 | 59 | 10.5 |

Size[mm]

| Models | H2 | H3 | H4 | H5 | W | W1 | W2 |
|--------|----|----|----|----|---|----|----|
| HZN25 | 13 | 11 | 5 | 7.5 | 12 | 8 | 2 |

Size[mm]

| Models | W3 | W4 | W5 | W6 | W7 | M | M1 |
|--------|----|----|----|----|----|---|----|
| HZN25 | 20 | 12 | 4 | 20 | 10 | 2-M5 | 4-M4 |

Size[mm]

| Models | Z | r | P1 | P2 |
|--------|---|---|----|----|
| HZN25 | 2.5 | 30° | M5 | M5 |

HZN25