

## High temperature suction plate

FSHB 90 - FSHB 250

**FEZER**  
Simply move more.

### Description

Robust and resistant suction plate in heat-resistant design. The sealing material consists of a silicone or viton mixture with special felt pad for high temperatures. When worn out the pad can be easily exchanged. Central vacuum feed via connection nipple or inside thread.

### Application

- handling of hot workpieces
- long-time temperature 250/300°C (SI/VI)
- short-time temperature 350/400°C (SI/VI)

### NB:

Since the felt pad does not seal perfectly, please use a larger vacuum pump!



FSHB 90 ... FSHB 250

### Article numbers

| Type     | Suction pad SI-T | Suction pad VI-S | Replacement gasket SI-T | Replacement gasket VI-S | Connection nipple/screw |             |
|----------|------------------|------------------|-------------------------|-------------------------|-------------------------|-------------|
| FSHB 25  | 1.01.1.0194      | 1.01.1.0195      | ---                     | ---                     | ANF-8-1/8               | 1.31.1.0030 |
| FSHB 40  | 1.01.1.0196      | 1.01.1.0197      | ---                     | ---                     | ANF-8-1/8               | 1.31.1.0030 |
| FSHB 70  | 1.01.1.0198      | 1.01.1.0199      | ---                     | ---                     | ANF-8-1/8               | 1.31.1.0030 |
| FSHB 90  | 1.11.1.0084      | 1.11.1.0545      | 2.11.2.0005             | 2.11.2.0004             | ASB-3/8                 | 1.31.2.0123 |
| FSHB 120 | 1.11.1.0080      | 1.11.1.0548      | 2.11.2.0181             | 2.11.2.0001             | ASB-3/8                 | 1.31.2.0123 |
| FSHB 180 | 1.11.1.0081      | 1.11.1.0547      | 2.11.2.0180             | 2.11.2.0002             | ASB-3/8                 | 1.31.2.0123 |
| FSHB 250 | 1.11.1.0083      | 1.11.1.0546      | 2.11.2.0179             | 2.11.2.0003             | ASB-1/2                 | 1.31.2.0008 |

### Technical details

| Type     | Holding force* (N) | Volume** (l) | Weight (kg) |
|----------|--------------------|--------------|-------------|
| FSHB 25  | 10                 | 0,06         | 0,03        |
| FSHB 40  | 21                 | 0,08         | 0,05        |
| FSHB 70  | 50                 | 0,12         | 0,16        |
| FSHB 90  | 150                | 0,16         | 0,34        |
| FSHB 120 | 210                | 0,21         | 0,56        |
| FSHB 180 | 930                | 0,26         | 0,82        |
| FSHB 250 | 1280               | 0,69         | 2,60        |

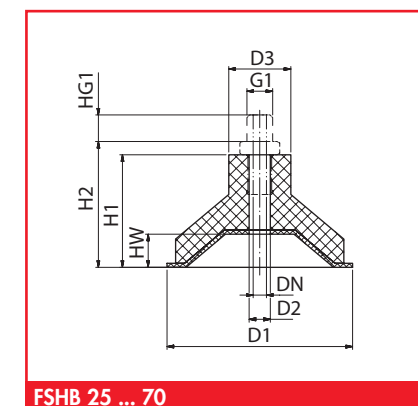
\* Specifications at 60 % vacuum w/o safety factor, on smooth, dry surfaces

\*\* Volume with suction pad not engaged and unloaded

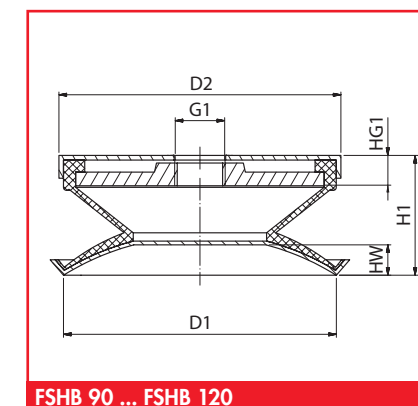
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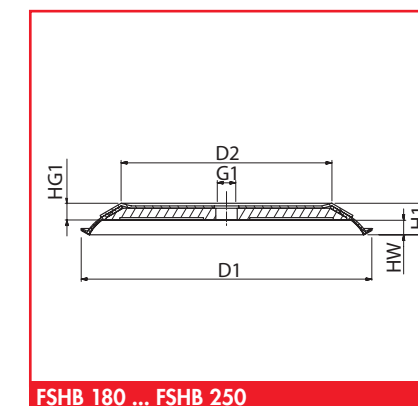
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FSHB 25 ... 70



FSHB 90 ... FSHB 120



FSHB 180 ... FSHB 250

### Dimensions

| Type     | D1  | D2  | DN  | HW   | H1 | H2  | HG1 | G1   |
|----------|-----|-----|-----|------|----|-----|-----|------|
| FSHB 25  | 24  | 24  | 8   | 3    | 36 | 44  | 10  | G1/8 |
| FSHB 40  | 37  | 24  | 8   | 5    | 37 | 47  | 10  | G1/8 |
| FSHB 70  | 70  | 24  | 8   | 8    | 37 | 47  | 10  | G1/8 |
| FSHB 90  | 90  | 93  | --- | 10   | 40 | --- | 12  | G3/8 |
| FSHB 120 | 120 | 110 | --- | 14   | 40 | --- | 12  | G3/8 |
| FSHB 180 | 180 | 126 | --- | 12,5 | 27 | --- | 10  | G3/8 |
| FSHB 250 | 250 | 194 | --- | 12,5 | 27 | --- | 10  | G1/2 |

### Suitable connection elements

| Type                  | Suction pad retainern |     | Holding bracket | Holders     |               | Suspension bolt |
|-----------------------|-----------------------|-----|-----------------|-------------|---------------|-----------------|
|                       | SAS                   | SAK |                 | Bushing     | Holding joint |                 |
| FSHB 25 ... FSHB 70   | SAS-M12x1-1/4         | --- | HSW-M12x1-1/4   | HSB-1/4-1/4 | HSG-M12x1-1/4 | FS ... -M12x1   |
| FSHB 90 ... HSHB 120  | SAS-M16x1,5-3/8       | --- | ---             | ---         | ---           | FS ... -M16x1,5 |
| FSHB 180 ... FSHB 250 | SAS-M20x1,5-1/2       | --- | ---             | ---         | ---           | FS ... -M20x1,5 |