

## MUFFENAUSFÜHRUNG

GEEIGNET FÜR INDUSTRIELLE ANWENDUNGEN,  
KLARE FLÜSSIGKEITEN, AGGRESSIVE MEDIEN,  
HOHE TEMPERATUREN

## WITH THREADS

SUITABLE FOR INDUSTRIAL APPLICATIONS,  
CLEAR LIQUIDS, AGGRESSIVE MEDIA,  
HIGH TEMPERATURES



## EIGENSCHAFTEN

- ARBEITET IN JEDER EINBAUPOSITION
- EINFACHE MONTAGE UND DEMONTAGE
- GERINGER DRUCKVERLUST
- METALLISCH DICHTEND

## FEATURES

- OPERATES IN ANY POSITION
- EASY ASSEMBLY AND DISASSEMBLY
- MINIMUM HEAD LOSS
- METAL SEATED

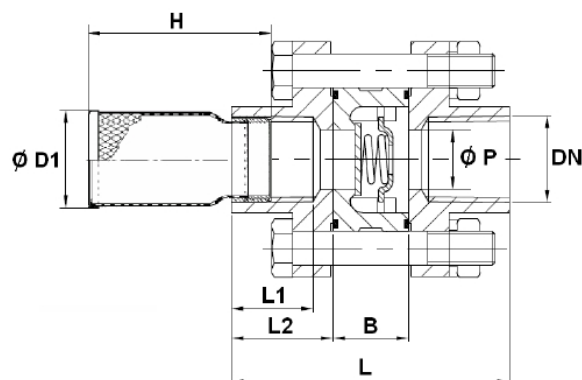
## TECHNISCHE DATEN

GEWINDE: INNEN NACH DIN ISO 228/1  
NENNDRUCK: PN 63 (GEM. DIAGRAMM)  
TEMPERATUR: -20 °C BIS +200 °C  
EINBAULAGE: BELIEBIG

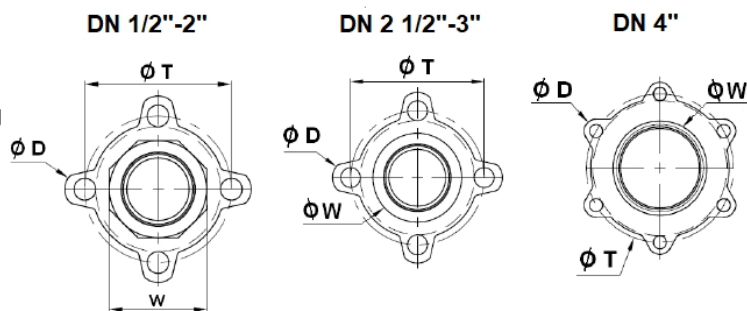
## TECHNICAL DATA

THREAD: FEMALE ACC. ISO 228/1  
NOM. PRESSURE: PN 63 (ACC. GRAPH)  
TEMPERATURE: -20 °C UP TO +200 °C  
INSTALLING POS.: OPTIONAL

## ABMESSUNGEN



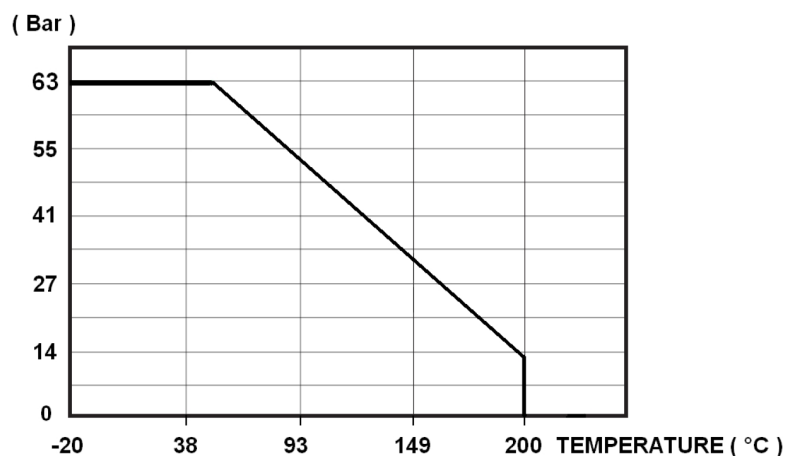
## DIMENSIONS



| DN     | Ø P<br>IN MM | L<br>IN MM | L1<br>IN MM | L2<br>IN MM | B    | H   | Ø D<br>IN MM | Ø T<br>IN MM | W<br>IN MM | MASCHEN-<br>WEITE<br>(MESH) | GEWICHT<br>(WEIGHT)<br>IN KG |
|--------|--------------|------------|-------------|-------------|------|-----|--------------|--------------|------------|-----------------------------|------------------------------|
| 1/2"   | 14           | 63         | 18          | 22          | 19   | 55  | 14           | 42,7         | 26         | 1,2                         | 0,4                          |
| 3/4"   | 19           | 71         | 20          | 23,5        | 24   | 62  | 16           | 51,7         | 32         | 1,2                         | 0,5                          |
| 1"     | 25           | 81,5       | 20          | 26          | 29,5 | 69  | 16           | 58,7         | 39         | 1,2                         | 0,7                          |
| 1 1/4" | 31           | 91         | 23          | 29          | 33   | 80  | 18           | 72,7         | 49         | 1,2                         | 1,4                          |
| 1 1/2" | 39           | 97,5       | 23          | 30          | 37,5 | 89  | 18           | 83,7         | 56         | 1,2                         | 1,8                          |
| 2"     | 49           | 117        | 27          | 35          | 47   | 101 | 18           | 98,7         | 69         | 1,2                         | 2,6                          |
| 2 1/2" | 64           | 131,5      | 33          | 42          | 47,5 | 114 | 18           | 129          | 83         | 1,5                         | 4,4                          |
| 3"     | 78           | 143,5      | 35          | 44          | 55,5 | 126 | 18           | 153,5        | 100        | 1,5                         | 6,4                          |
| 4"     | 97           | 174,5      | 45          | 52          | 70,5 | 144 | 18           | 186,5        | 122,5      | 2                           | 11,2                         |

**DRUCK- / TEMPERATUR -DIAGRAMM**

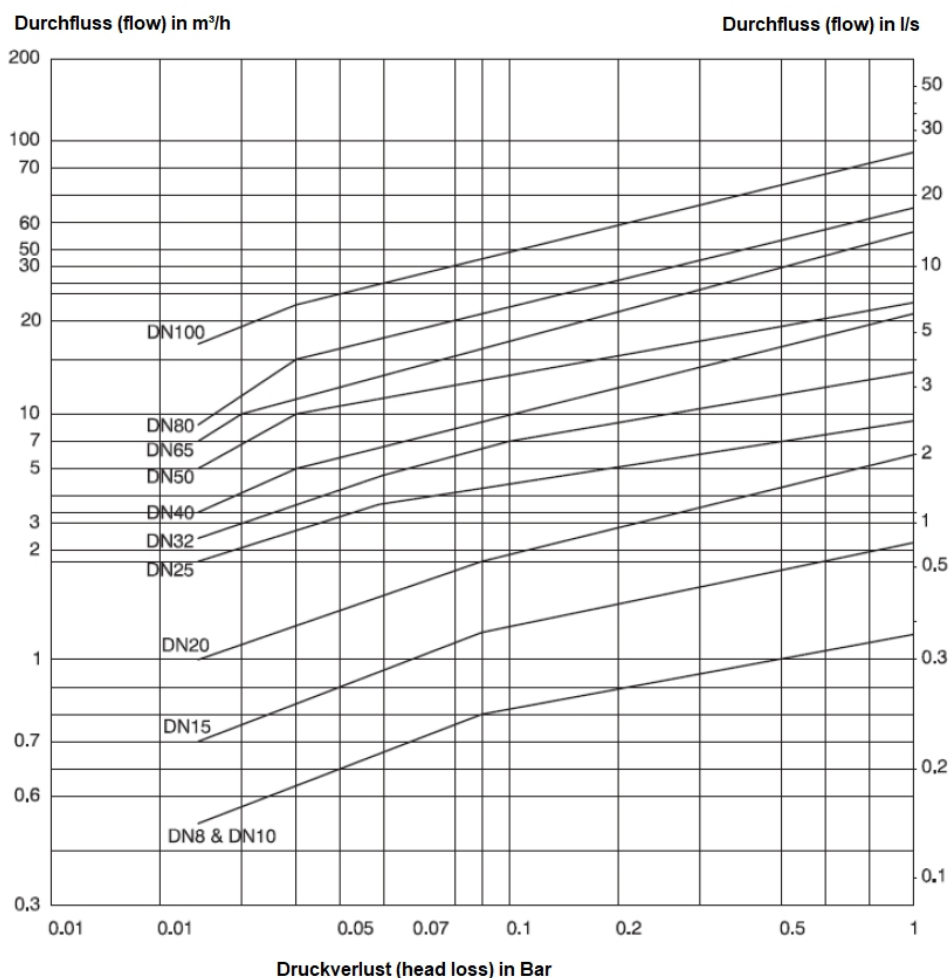
**PRESSURE TEMPERATURE GRAPH**



**ARBEITSPRINZIP**

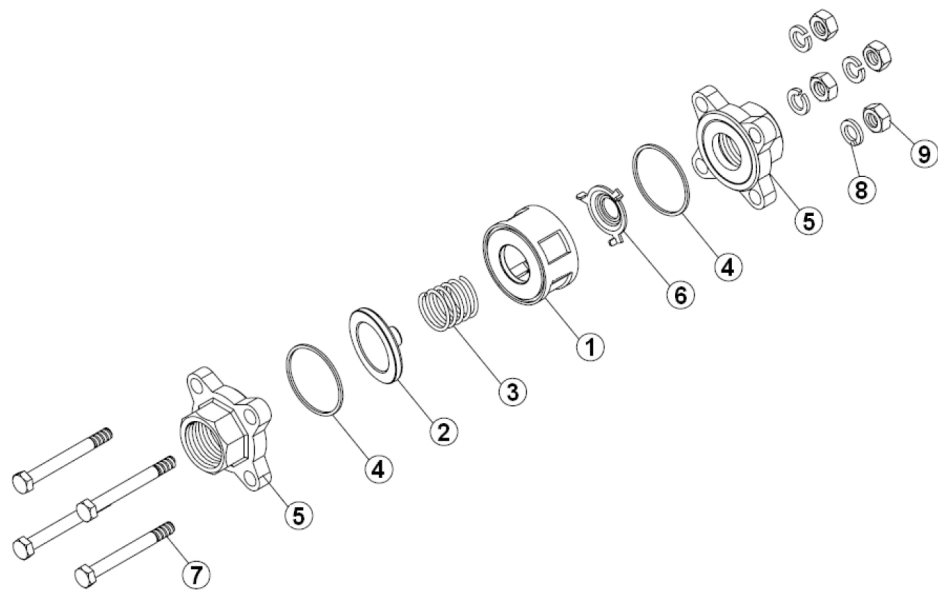
**WORKING PRINCIPLE**

| DN                       | 1/2"                                     | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"    | 2 1/2" | 3"    | 4"   |
|--------------------------|------------------------------------------|------|------|--------|--------|-------|--------|-------|------|
| KVS IN M <sup>3</sup> /H | 2,24                                     | 6,5  | 9,61 | 15,89  | 22,49  | 25,12 | 57,8   | 64,63 | 91,6 |
| POSITION:                | ÖFFNUNGSDRUCK (OPENING PRESSURE) IN MBAR |      |      |        |        |       |        |       |      |
| VERTIKAL ↑               | 25                                       | 25   | 25   | 27     | 29     | 29    | 31     | 32    | 33   |
| HORIZONTAL →             | 23                                       | 23   | 23   | 24     | 25     | 25    | 25     | 26    | 27   |



STÜCKLISTE

PART LIST



| NR. (NO.) | BAUTEIL (DESCRIPTION)        | WERKSTOFF (MATERIAL) |
|-----------|------------------------------|----------------------|
| 1         | GEHÄUSE (BODY)               | VA 1.4408            |
| 2         | SCHLIESSTELLER (DISC)        | VA 1.4401            |
| 3         | FEDER (SPRING)               | VA 1.4401            |
| 4         | DICHTUNG (GASKET)            | PTFE                 |
| 5         | ANSCHLUSS (ENDS)             | VA 1.4408            |
| 6         | HUBBEGRENZER (SPRING HOLDER) | VA 1.4401            |
| 7         | SCHRAUBE (SCREW)             | VA 1.4301            |
| 8         | SCHEIBE (WASHER)             | VA 1.4301            |
| 9         | MUTTER (NUT)                 | VA 1.4301            |
|           | SAUGKORB (STRAINER)          | VA 1.4401            |

HINWEISE

BESTELLANGABEN: ARTIKEL -TYP + NENNWEITE  
BEISPIEL: 556XT+812MX DN 2"

DETAILS

ORDERING DETAILS: ITEM -TYPE + NOM. DIAMETER  
EXAMPLE: 556XT+812MX DN 2"