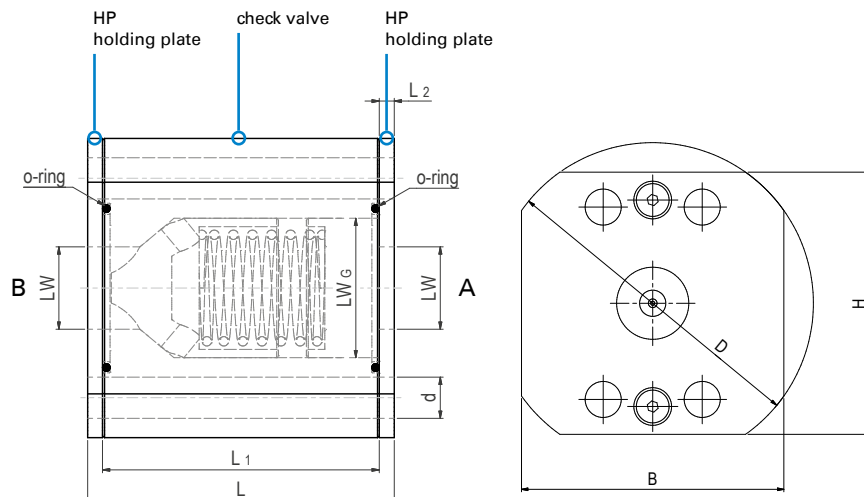


# Check valve with SAE adapter Steel / Stainless Steel

RVZ-SAE



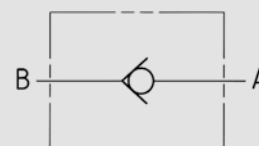
## AVAILABLE SIZES

DN15 - DN50 (5/8" to 2")

## CONNECTIONS

ISO 6162-1, ISO 6162-2

## PORTING PATTERN



## ACCESSORIES ON REQUEST

- Double flange pattern adapter plate

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## MATERIAL CODE DESCRIPTION

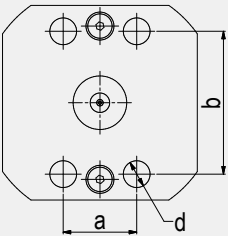
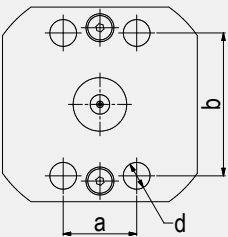
| Materials         | 28p8          | 44p8            |
|-------------------|---------------|-----------------|
| Body              | Steel         | Stainless Steel |
| Poppet            | Steel         | Stainless Steel |
| Seat              | Polyurethane  | Polyurethane    |
| O-rings           | FPM           | FPM             |
| Tmin / Tmax       | -20°C / 100°C | -20°C / 100°C   |
| Cracking pressure | 2 bar         | 2 bar           |

## GENERAL DIMENSIONS

| Type            | LW   | LW <sub>G</sub> | L   | L <sub>1</sub> | D   | B   | H   | PÖ [bar] |
|-----------------|------|-----------------|-----|----------------|-----|-----|-----|----------|
| RVZ-DN15-SAE210 | 11   | 17,5            | 46  | 38             | 70  | 45  | 60  | 2        |
| RVZ-DN20-SAE210 | 14,5 | 23              | 54  | 46             | 82  | 55  | 70  | 2        |
| RVZ-DN25-SAE210 | 17   | 28              | 61  | 53             | 97  | 70  | 80  | 2        |
| RVZ-DN32-SAE210 | 22   | 37,3            | 82  | 74             | 98  | 80  | 80  | 2        |
| RVZ-DN40-SAE210 | 28   | 43              | 89  | 81             | 118 | 90  | 95  | 2        |
| RVZ-DN50-SAE210 | 37   | 55              | 105 | 97             | 137 | 100 | 110 | 2        |
| RVZ-DN15-SAE420 | 11   | 17,5            | 46  | 38             | 73  | 50  | 60  | 2        |
| RVZ-DN20-SAE420 | 14,5 | 23              | 54  | 46             | 87  | 60  | 70  | 2        |
| RVZ-DN25-SAE420 | 17   | 28              | 61  | 53             | 98  | 70  | 80  | 2        |
| RVZ-DN32-SAE420 | 22   | 37,3            | 84  | 74             | 115 | 80  | 95  | 2        |
| RVZ-DN40-SAE420 | 28   | 43              | 91  | 81             | 136 | 95  | 115 | 2        |
| RVZ-DN50-SAE420 | 37   | 55              | 109 | 97             | 165 | 115 | 135 | 2        |

# Check valve with SAE adapter Steel / Stainless Steel

## RVZ-SAE

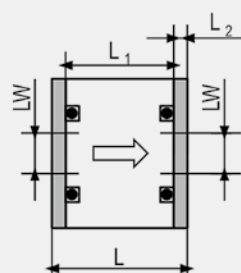
| CONNECTION TYPE                                                                    | DIMENSIONS      |      |      |    |             | ORDER CODE PER MATERIAL COMBINATION |        |            |
|------------------------------------------------------------------------------------|-----------------|------|------|----|-------------|-------------------------------------|--------|------------|
| ISO 6162-1                                                                         | Type            | a    | b    | d  | Weight [Kg] | PN [bar]                            | 28p8   | 44p8       |
|   | RVZ-DN15-SAE210 | 17,5 | 38,1 | 9  | 1,10        | 210                                 | 55424  | on request |
|                                                                                    | RVZ-DN20-SAE210 | 22,2 | 47,6 | 11 | 1,50        | 210                                 | 55425  | on request |
|                                                                                    | RVZ-DN25-SAE210 | 26,2 | 52,4 | 11 | 2,30        | 210                                 | 55394  | on request |
|                                                                                    | RVZ-DN32-SAE210 | 30,2 | 58,7 | 11 | 3,45        | 210                                 | 55395* | on request |
|                                                                                    | RVZ-DN40-SAE210 | 35,7 | 69,9 | 13 | 4,85        | 210                                 | 54350  | on request |
|                                                                                    | RVZ-DN50-SAE210 | 42,9 | 77,8 | 13 | 7,80        | 210                                 | 55426  | on request |
| ISO 6162-2                                                                         | Type            | a    | b    | d  | Weight [Kg] | PN [bar]                            | 28p8   | 44p8       |
|  | RVZ-DN15-SAE420 | 18,2 | 40,5 | 9  | 1,10        | 420                                 | 55732  | on request |
|                                                                                    | RVZ-DN20-SAE420 | 23,8 | 50,8 | 11 | 1,50        | 420                                 | 55731  | on request |
|                                                                                    | RVZ-DN25-SAE420 | 27,8 | 57,2 | 13 | 2,30        | 420                                 | 55721  | on request |
|                                                                                    | RVZ-DN32-SAE420 | 31,8 | 66,7 | 13 | 3,45        | 420                                 | 55716  | on request |
|                                                                                    | RVZ-DN40-SAE420 | 36,5 | 79,4 | 17 | 4,85        | 420                                 | 55022  | on request |
|                                                                                    | RVZ-DN50-SAE420 | 44,5 | 96,8 | 22 | 7,80        | 420                                 | 55726  | on request |

### Scope of delivery

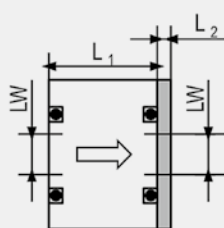
- Check valve + 2 O-rings + 2 holding plates
- Adapter plate has to be ordered separately (see next page)
- Standard cracking pressure 2 bar, further cracking pressures on request

\* Only for metric screws,  
for UNC screws on request.

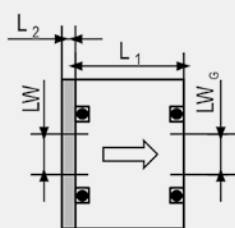
### OPTIONS THAT CAN BE REALIZED WITH SCOPE OF DELIVERY



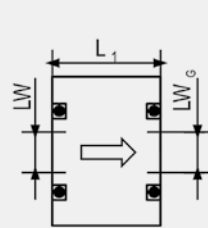
**Option A**  
without seals



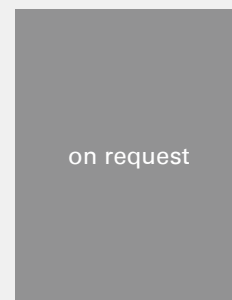
**Option B**  
inlet side sealed



**Option C**  
outlet side sealed



**Option D**  
seals on both sides



**Option E**  
with threaded holes

**!** Due to spring and manufacturing tolerances  
cracking pressures may deviate by  $\pm 30\%$ .

**!** Leakage rate of check valve  
DIN EN 12266 leakage rate A - no visually noticeable leakage during the duration of the test with fluid or air.