



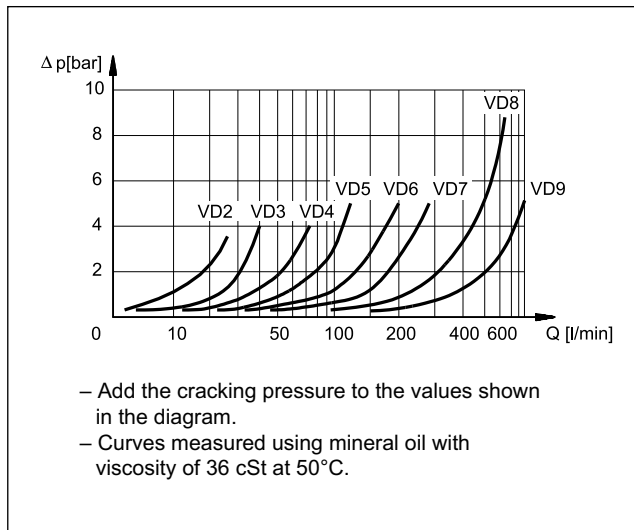
## VD\*-W\*

### CHECK VALVES

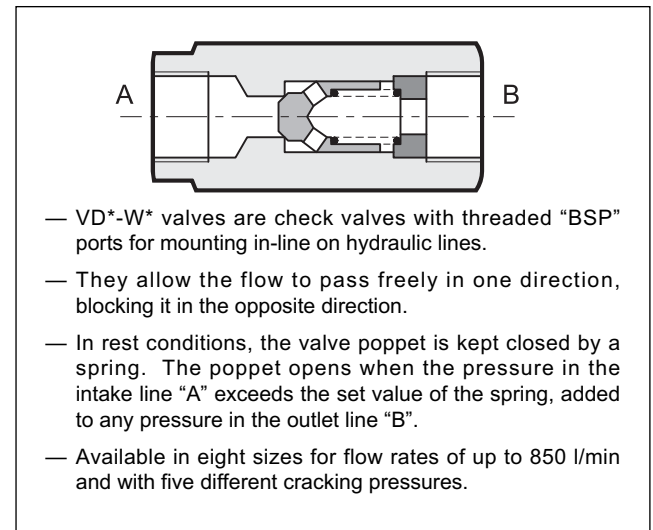
#### SERIES 30

**p** max **400** bar  
**Q** max (see table of performances)

#### PRESSURE DROPS $\Delta p$ -Q



#### OPERATING PRINCIPLE

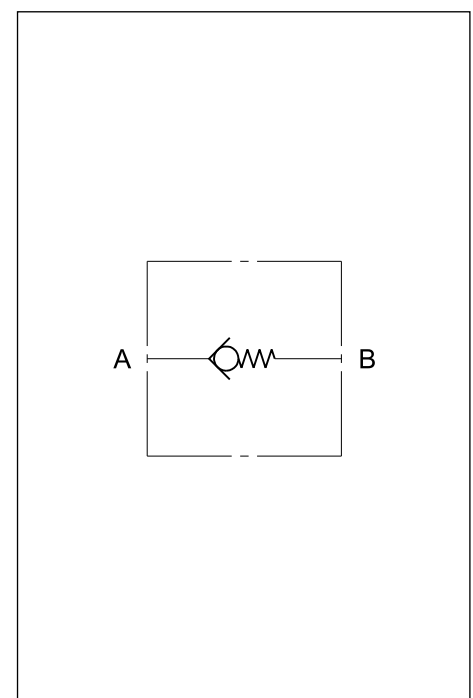


#### PERFORMANCES

| Valve  | BSP port dimension | Maximum flow rate [l/min] | Mass [kg] | Max operating pressure [bar] |
|--------|--------------------|---------------------------|-----------|------------------------------|
| VD2-W* | 1/4"               | 25                        | 0,17      | 400                          |
| VD3-W* | 3/8"               | 40                        | 0,26      |                              |
| VD4-W* | 1/2"               | 75                        | 0,41      |                              |
| VD5-W* | 3/4"               | 125                       | 0,6       |                              |
| VD6-W* | 1"                 | 200                       | 1,2       | 320                          |
| VD7-W* | 1 1/4"             | 280                       | 1,8       |                              |
| VD8-W* | 1 1/2"             | 650                       | 3,2       |                              |
| VD9-W* | 2"                 | 850                       | 4,8       |                              |

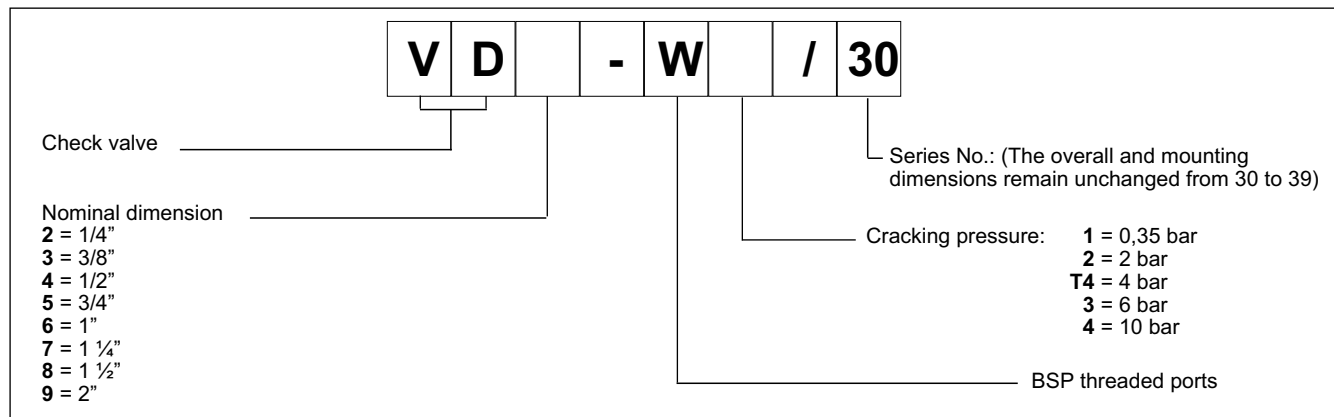
|                            |                                      |           |
|----------------------------|--------------------------------------|-----------|
| Ambient temperature range  | °C                                   | -20 / +60 |
| Fluid temperature range    | °C                                   | -20 / +80 |
| Fluid viscosity range      | cSt                                  | 10 ÷ 400  |
| Fluid contamination degree | cSt                                  | 25        |
| Recommended viscosity      | acc. to ISO 4406:1999 class 20/18/15 |           |

#### HYDRAULIC SYMBOL





## 1 - IDENTIFICATION CODE



## 2 - HYDRAULIC FLUIDS

Use mineral oil-based hydraulic fluids HL or HM type, according to ISO 6743-4.  
 Using fluids at temperatures higher than 80 °C causes a faster degradation of the fluid and of the seals characteristics.  
 The fluid must be preserved in its physical and chemical characteristics.

## 3 - OVERALL AND MOUNTING DIMENSIONS

