

## Accessories

# Pressure Relief Valve



## Technical Description

Produced for hydraulic systems where in line quick connect couplings are used. The system pressure built up between the hydraulic unit and the coupling would not allow mechanical coupling.

## Advantages

The Pressure Relief Valve can be mounted directly in the main inflow line so that all downstream pipe or hose lines where quick connect couplings or plugs are installed at the ends can be depressurised.

## Working Pressure

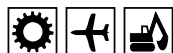
max. 250 bar

## Working Temperature

up to max. +90°C depending on the medium. Special seals are available on request (see page 6).

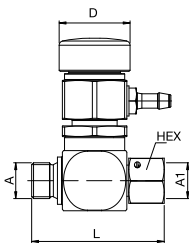
| Material              | Standard                               |
|-----------------------|--|
| T-Connection          | Steel, zinc plated, passivated, sealed |
| Pressure Relief Valve | Brass                                  |
| Seal                  | NBR                                    |

## Applications Area



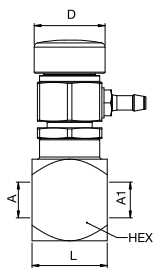
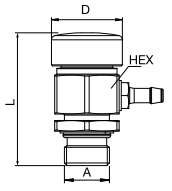
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|   | Connection A | Connection A1 | Hex mm | L mm | D mm | DN | Seal Type | Max. Working Pressure in bar | Part Number |
|---|--------------|---------------|--------|------|------|----|-----------|------------------------------|-------------|
|  <p>Female / Male Thread</p> | G 3/8        | G 3/8         | 21     | 62   | 33   | 10 | NBR       | 250                          | TA38        |
|   | G 1/2        | G 1/2         | 25     | 70   | 33   | 13 | NBR       | 250                          | TA50        |
|   | G 3/4        | G 3/4         | 32     | 73   | 33   | 20 | NBR       | 250                          | TA75        |
|   | G 1          | G 1           | 38     | 77   | 33   | 25 | NBR       | 250                          | TA100       |
|   |              |               |        |      |      |    |           |                              |             |
|   |              |               |        |      |      |    |           |                              |             |
|   |              |               |        |      |      |    |           |                              |             |
|   |              |               |        |      |      |    |           |                              |             |

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|   | Connection<br>A | Connection<br>A1 | Hex<br>mm | L<br>mm | D<br>mm | DN | Seal<br>Type | Max. Working<br>Pressure in bar | Part Number         |
|---|-----------------|------------------|-----------|---------|---------|----|--------------|---------------------------------|---------------------|
|  <p>Female Thread</p>                  | G 3/8           | G 3/8            | 28        | 60      | 33      | 10 | NBR          | 250                             | TA38 IW             |
|   | G 1/2           | G 1/2            | 28        | 60      | 33      | 13 | NBR          | 250                             | TA50 IW             |
|   |                 |                  |           |         |         |    |              |                                 |                     |
|   |                 |                  |           |         |         |    |              |                                 |                     |
|   |                 |                  |           |         |         |    |              |                                 |                     |
|   |                 |                  |           |         |         |    |              |                                 |                     |
|  <p>Pressure Relief Valve complete</p> | G 1/2           |                  | 30        | 62      | 33      | 6  | NBR          | 250                             | 515                 |
|   | G 1/2           |                  | 30        | 62      | 33      | 6  | NBR/FKM      | 250                             | 515 RV <sup>1</sup> |
|   |                 |                  |           |         |         |    |              |                                 |                     |
|   |                 |                  |           |         |         |    |              |                                 |                     |
|   |                 |                  |           |         |         |    |              |                                 |                     |
|   |                 |                  |           |         |         |    |              |                                 |                     |

<sup>1</sup> Pressure Relief Valve made of stainless steel with FKM Seals.

⚠ Please consider our security advices on the pages 12/13 ⚠