

## Series 3/918-..10(06)(08)-R381

3/2-way direct operated axial slide solenoid valve for high viscosity, jelly-like and dirty fluids up to 100 bar pressure. The valve is back pressure resistant up to 16bar. Installation in horizontal or vertically in pipe.

For more information follow this link:

<https://www.buschjostventile.de/en/products/3-918-10-06-08-R-381/details/3-918-59-0802-R381-XX?pressureRangeld=524>

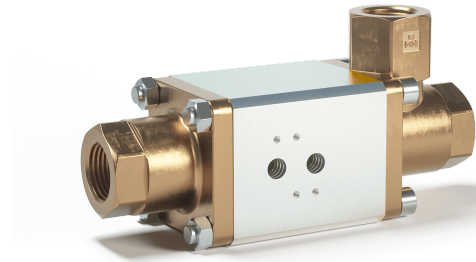
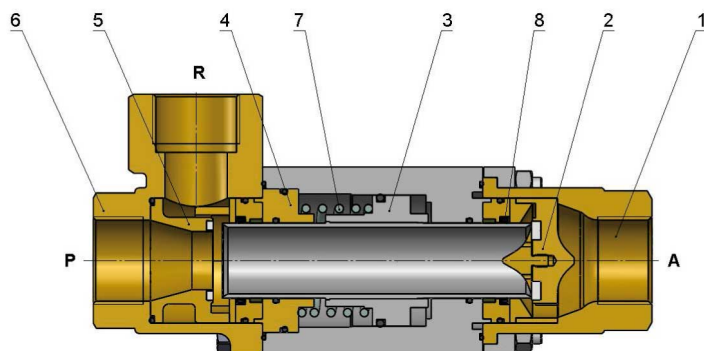


Image representation corresponds only to the valve design

## Valve 3/918-59/0802/R381-XX

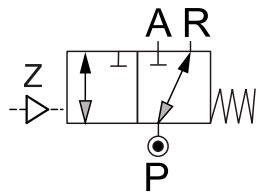
|                                                     |        |                                      |
|-----------------------------------------------------|--------|--------------------------------------|
| Version                                             | 3/918- |                                      |
| Type of valve                                       |        | Coaxial Valve, pneum. direct         |
| Connection type, valve seat                         | 59     | G3/8, 10mm                           |
| Kv-value ( $\Delta p = 1 \text{ bar H}_2\text{O}$ ) |        | 2.5 m³/h                             |
| Housing                                             | 08     | AISI 316 Ti - 1.4571(81)             |
| Sealing                                             | 02     | FKM                                  |
| Function                                            | R      | with spring CLOSED                   |
| Design                                              | 38     | Steuerrohr                           |
| Actuator size                                       | 1      | sliding                              |
| Valve option                                        | XX     | NC in rest pos. P-A                  |
| System pressure                                     |        | 0 - 100 bar                          |
| Control pressure                                    |        | 4 - 8 bar                            |
| Temperature Medium                                  |        | from -10 °C to +100 °C               |
| Temperature Environment                             |        | from -10 °C to +60 °C                |
| Mounting position                                   |        | in any position                      |
| Specific use case                                   |        | Closed system (includes open system) |

## Drawing-Standard



|   |                      |                  |
|---|----------------------|------------------|
| 1 | Anschlussstück       | adapter fitting  |
| 2 | Ventilsitz           | valve seat       |
| 3 | Kolben/ Steuerrohr   | piston / tube    |
| 4 | Betätigungsscheibe   | actuating plate  |
| 5 | 3-Wege Ventilsitz    | 3-way valve seat |
| 6 | 3-Wege Anschluss     | 3-way fitting    |
| 7 | Feder                | spring           |
| 8 | PTFE-Stangendichtung | PTFE-rod seal    |

## Switching position



stromlos zu P-A  
normal closed P-A

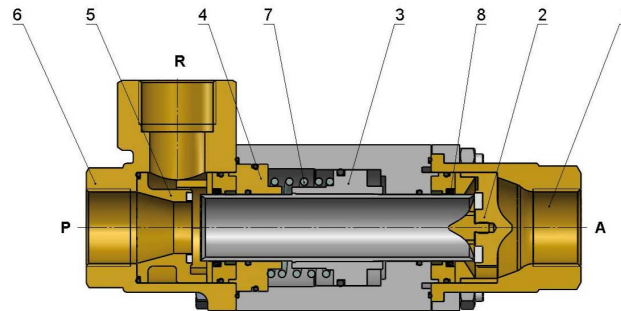
P ► R, P ► A max. specif. pressure

R ► P, A ► P limited to 16 bar !

## Additional information

|                       |    |                                                      |
|-----------------------|----|------------------------------------------------------|
| Valve option          | XX | NC in rest pos. P-A                                  |
| Description           |    | In opposite flow direction up to max. 16 bar closing |
| REACH-RoHS conformity |    | REACH yes   RoHS yes                                 |
| Net weight            |    | 1.8 kg                                               |
| Customs export        |    | Country of origin Germany; ECCN (US): N; AL: N       |

## Additional information for valve option



|   |                      |                         |
|---|----------------------|-------------------------|
| 1 | Anschlussstück       | <i>adapter fitting</i>  |
| 2 | Ventilsitz           | <i>valve seat</i>       |
| 3 | Kolben/ Steuerrohr   | <i>piston / tube</i>    |
| 4 | Betätigungsscheibe   | <i>actuating plate</i>  |
| 5 | 3-Wege Ventilsitz    | <i>3-way valve seat</i> |
| 6 | 3-Wege Anschluss     | <i>3-way fitting</i>    |
| 7 | Feder                | <i>spring</i>           |
| 8 | PTFE-Stangendichtung | <i>PTFE-rod seal</i>    |