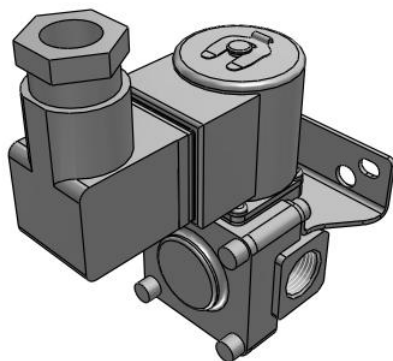


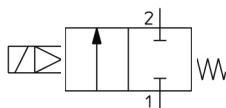


## JSXD, 2/2-Wege-Magnetventil, Pilotgesteuertes, N.C. JSXD31-AF03F-5DS-D-B

### Technisches Datenblatt

#### General series information

- Verwendbare Medien: Luft, Wasser, Öl
- Durchfluss bis zu 2200 l/min (Wasser)
- Nennweite: 10 bis 50 mm
- Anschlussgröße: 1/4" bis 2"
- Gehäusematerial: rostfreier Stahl, Messing/ Bronze oder Aluminium
- Material der Spule: rostfreier Stahl
- Schutzart: IP67.



*Directional control valve 2/2-way valve, closed normal position With a combination control by solenoid and pilot valve control Return with mechanical control spring*

#### Technische Daten

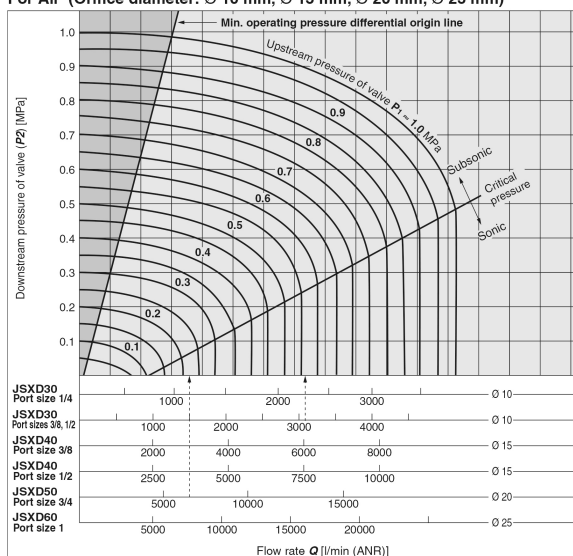
|                                      |                                                          |
|--------------------------------------|----------------------------------------------------------|
| Größe                                | 3 (30)                                                   |
| Befestigungselement                  | B (Befestigungselement)                                  |
| Valve Type                           | 1 (Normally Closed)                                      |
| Gehäusematerial                      | A (Aluminium)                                            |
| Elektrischer Eingang                 | DS (DIN-Stecker mit Schutzbeschaltung und DIN-Steckdose) |
| Gewindeart                           | F (G)                                                    |
| Ölfrei                               | D (Ölfrei)                                               |
| Anschlussgröße                       | 03 (3/8)                                                 |
| Nennspannung                         | 5 (24 VDC)                                               |
| Dichtungsmaterial                    | F (FKM)                                                  |
| Maximale Temperatur des Druckmediums | 60 °C                                                    |
| Minimale Temperatur des Druckmediums | Air: -10 °C, Water: 1 °C, Oil: -5 °C                     |
| Maximaler Betriebsdruck              | 1 MPa                                                    |
| Maximale Umgebungstemperatur         | 60 °C                                                    |
| Minimale Umgebungstemperatur         | -20 °C                                                   |

|                                        |                                  |
|----------------------------------------|----------------------------------|
| Conform to the European RoHS Directive | Konform                          |
| Schutzart                              | IP67 (IP65 for the DIN terminal) |
| F597-Allowable_voltage                 | ±10% of rated voltage            |
| F598-Allowable_leakage                 | 2 % or less of the rated voltage |
| F600-Power_consumption                 | 6 W                              |
| F601-Temperature_rise                  | 65 °C                            |
| F603-Valve_Leakage                     | Air: 15 cm³/min                  |
| F604-External_Leakage                  | Air: 15 cm³/min                  |

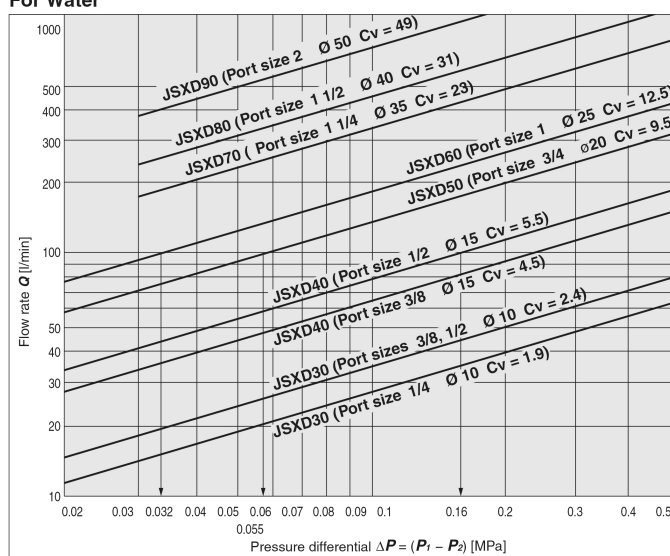
## Technical information graphs

### Flow Rate Characteristics

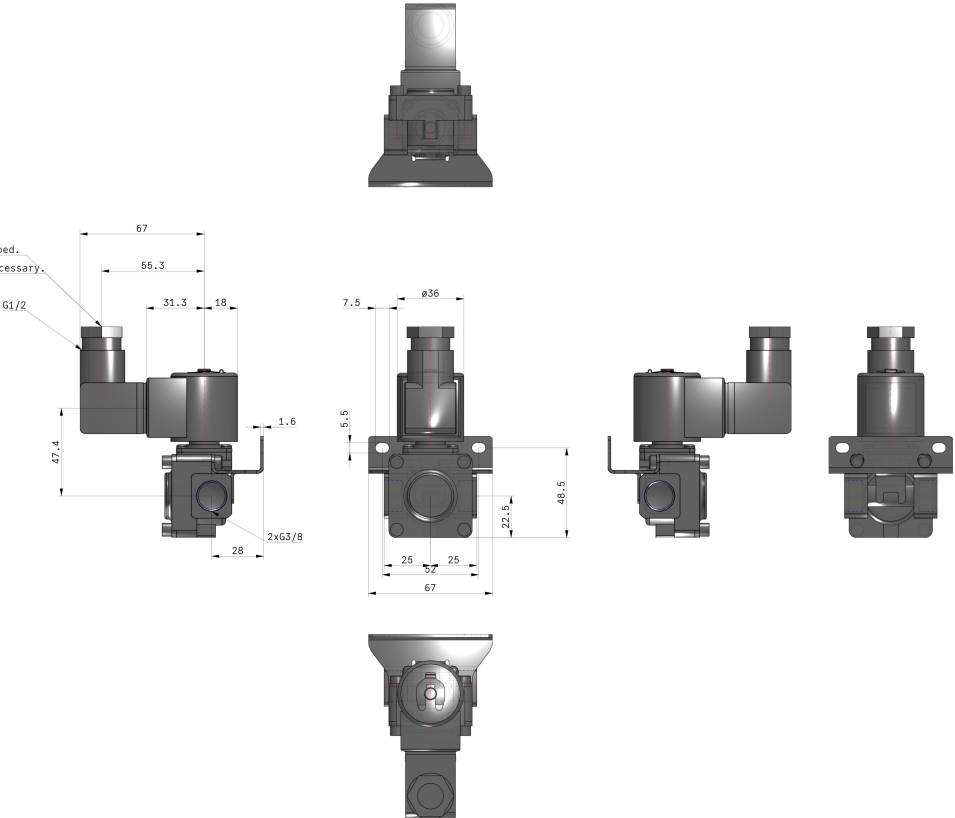
For Air (Orifice diameter: Ø 10 mm, Ø 15 mm, Ø 20 mm, Ø 25 mm)



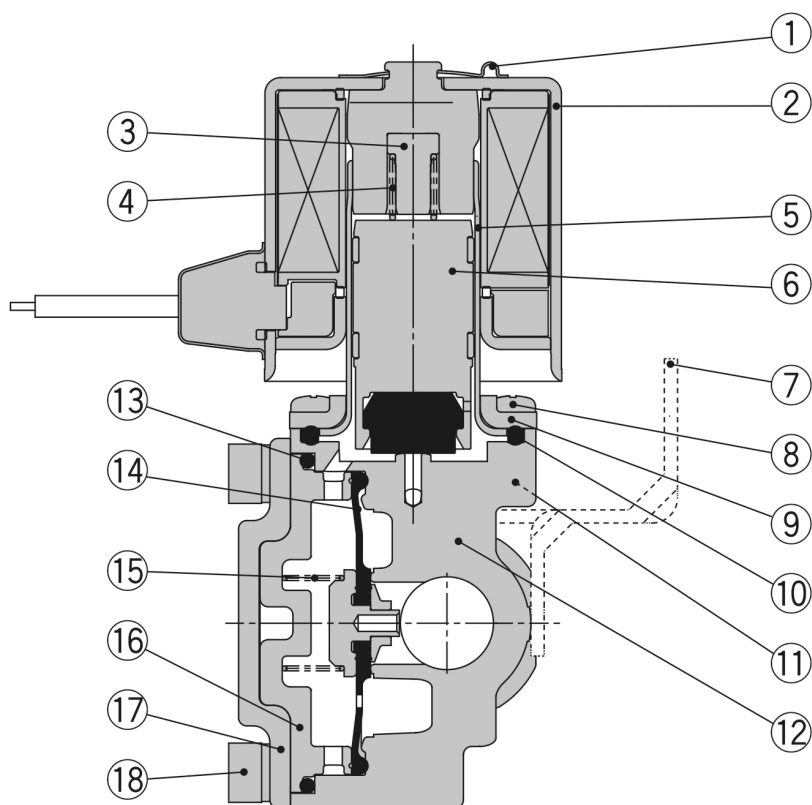
For Water



Note: The "DIN terminal connector direction" in this CAD data will not be reflected in the actual product that will be shipped.  
After the product is delivered, please adjust the orientation of the connector as necessary.



## Konstruktion



## Stückliste

| Nr. | Beschreibung         | Material                               |                  |                                   |
|-----|----------------------|----------------------------------------|------------------|-----------------------------------|
|     |                      | Messing                                | Rostfreier Stahl | Aluminium                         |
| 1   | Klammer              | Rostfreier Stahl                       |                  |                                   |
| 2   | Magnetspule          | Rostfreier Stahl, Cu, Kunststoff       |                  |                                   |
| 3   | Anschlag             | PPS                                    |                  |                                   |
| 4   | Feder                | Rostfreier Stahl                       |                  |                                   |
| 5   | Ankerrohr            | Rostfreier Stahl                       |                  |                                   |
| 6   | Anker-Baugruppe      | Rostfreier Stahl, PPS, NBR (FKM, EPDM) |                  | Rostfreier Stahl, PPS, NBR, (FKM) |
| 7   | Befestigungselement  | Fe                                     |                  |                                   |
| 8   | Befestigungsschraube | Fe                                     |                  |                                   |
| 9   | Deckel               | Rostfreier Stahl                       |                  |                                   |
| 10  | Dichtung             | NBR, (FKM, EPDM)                       |                  | NBR, (FKM)                        |
| 11  | Schraube             | Fe                                     |                  |                                   |
| 12  | Gehäuse              | Messing                                | Rostfreier Stahl | Aluminium                         |
| 13  | O-Ring               | NBR, (FKM, EPDM)                       |                  | NBR, (FKM)                        |
| 14  | Membran-Baugruppe    | Rostfreier Stahl, NBR, (FKM, EPDM)     |                  | Rostfreier Stahl, NBR, (FKM)      |
| 15  | Ventilfeder          | Rostfreier Stahl                       |                  |                                   |
| 16  | Dämpfer              | PPS                                    |                  |                                   |
| 17  | Deckel               | Rostfreier Stahl                       |                  |                                   |
| 18  | Schraube             | Fe                                     |                  |                                   |

## Weitere Informationen

|                                        |                                                                                    |
|----------------------------------------|------------------------------------------------------------------------------------|
| Katalog                                | <a href="#">JSX-Da_DE.pdf</a>                                                      |
| CE-Konformitätserklärung               | <a href="#">newDoC_JSXD_TF1Z311EN.pdf</a>                                          |
| Installations- und Wartungsanleitungen | <a href="#">IM_JSXD_TF2Y015DE-B.pdf</a><br><a href="#">IM_JSXD_TF2Y015EN-B.pdf</a> |
| Bedienungsanleitungen                  | <a href="#">OM_JSXD_DOC1029458EN-1.pdf</a>                                         |