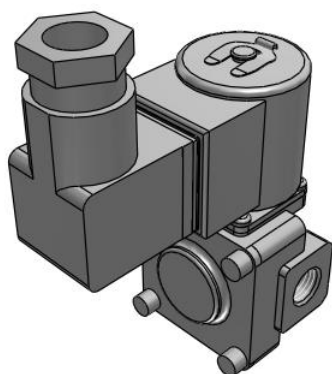




## JSXD, Électrovanne 2/2 à commande asservie, N.F. JSXD31-AF02F-5DZ

### Fiche technique

### General series information

- Fluide compatible : air, eau, huile
- Débit jusqu'à 2200 l/min (eau)
- Diamètre de passage : 10 à 50 mm
- Raccordement : 1/4" à 2"
- Matière du corps : acier inoxydable, laiton, bronze et aluminium
- Matière de la bobine : acier inoxydable
- Classe de protection : 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*

### Standard Specifications

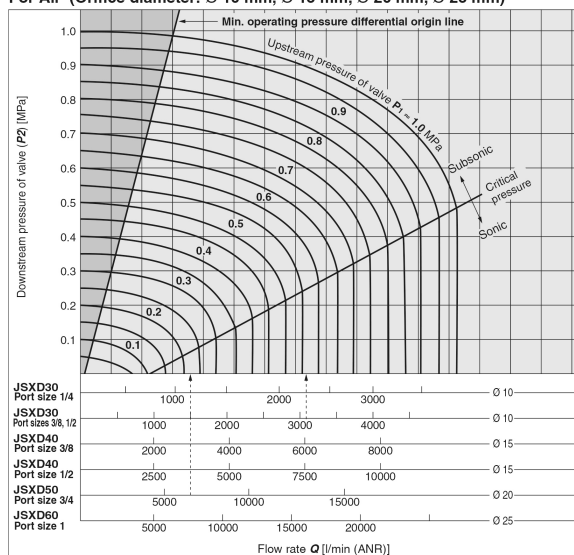
|                                 |                                                                       |
|---------------------------------|-----------------------------------------------------------------------|
| Fixation                        | Sans                                                                  |
| Matériau du corps               | A (Aluminium)                                                         |
| Tension Nominale                | 5 (24 VCC)                                                            |
| Sans lubrifiant                 | Sans                                                                  |
| Taille                          | 3 (30)                                                                |
| Valve Type                      | 1 (Normally Closed)                                                   |
| Filetage                        | F (G)                                                                 |
| Orifice                         | 02 (1/4)                                                              |
| Matériau des joints             | F (FKM)                                                               |
| Connexion électrique            | DZ (Connecteur DIN avec indicateur lumineux et protection de circuit) |
| Température maximum du fluide   | 60 °C                                                                 |
| Température du fluide min.      | Air: -10 °C, Water: 1 °C, Oil: -5 °C                                  |
| Pression maximale d'utilisation | 1 MPa                                                                 |
| Température ambiante max.       | 60 °C                                                                 |
| Température ambiante min.       | -20 °C                                                                |

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| Conforme à la directive européenne RoHS | Conforme                                    |
| Protection                              | IP67 (IP65 for the DIN terminal)            |
| F571-graph1                             | 1001B_graph1.1_en.jpg;1001B_graph1.2_en.jpg |
| F572-graph1_title                       | Flow Rate Characteristics                   |
| 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 cm <sup>3</sup> /min                |
| F604-External_Leakage                   | Air: 15 cm <sup>3</sup> /min                |

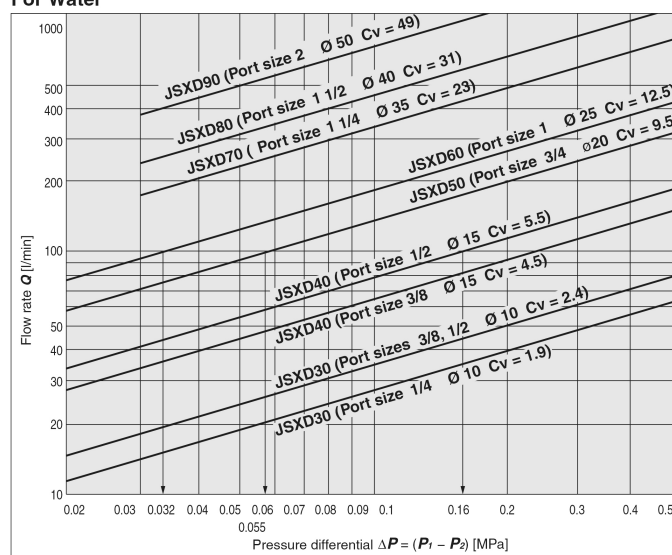
## Technical information graphs

### Flow Rate Characteristics

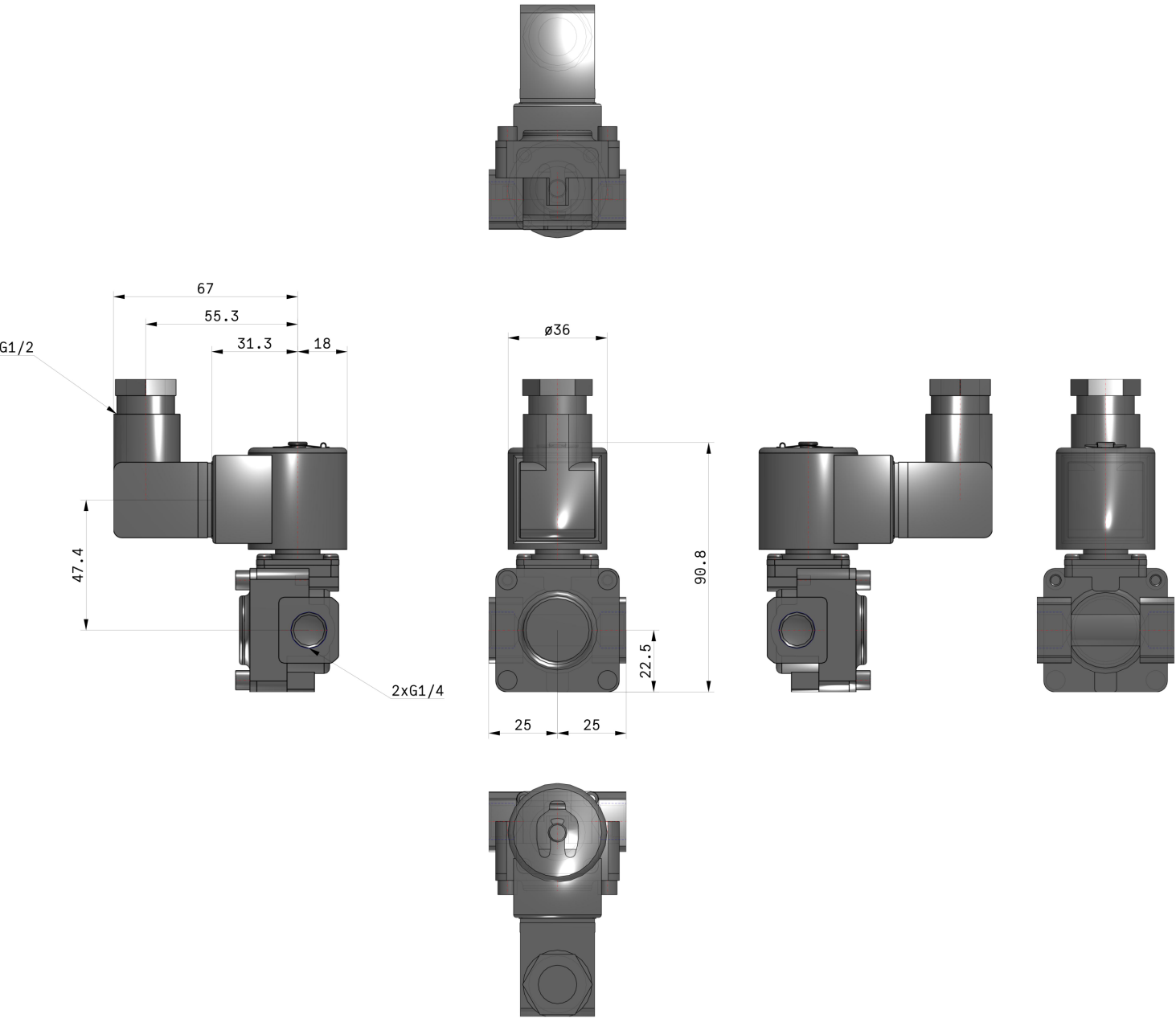
For Air (Orifice diameter: Ø 10 mm, Ø 15 mm, Ø 20 mm, Ø 25 mm)



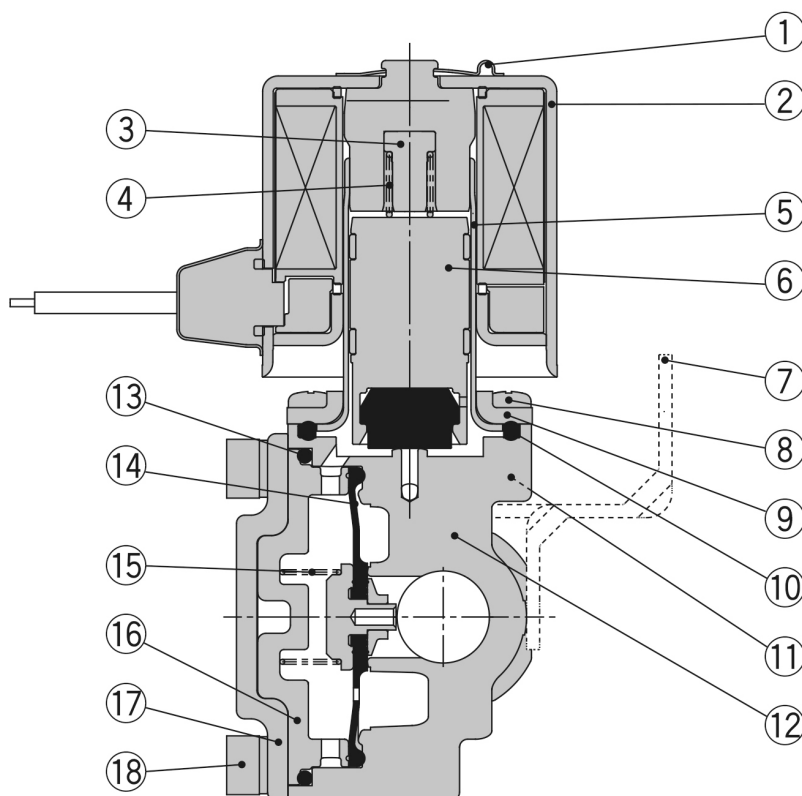
For Water



Dimensions



## Constructions



### Nomenclature

| N° | Description          | Matériaux                              |                  |                                   |
|----|----------------------|----------------------------------------|------------------|-----------------------------------|
|    |                      | Laiton                                 | Acier inoxydable | Aluminium                         |
| 1  | Clip                 | Acier inoxydable                       |                  |                                   |
| 2  | Bobine ou solénoïde  | Acier inoxydable, Cu, Résine           |                  |                                   |
| 3  | Butée                | PPS                                    |                  |                                   |
| 4  | Ressort              | Acier inoxydable                       |                  |                                   |
| 5  | Foureau guide        | Acier inoxydable                       |                  |                                   |
| 6  | Armature             | Acier inoxydable, PPS, NBR (FKM, EPDM) |                  | Acier inoxydable, PPS, NBR, (FKM) |
| 7  | Fixation             | Fe                                     |                  |                                   |
| 8  | Vis de montage       | Fe                                     |                  |                                   |
| 9  | Capot                | Acier inoxydable                       |                  |                                   |
| 10 | Joint                | NBR, (FKM, EPDM)                       |                  | NBR, (FKM)                        |
| 11 | Vis                  | Fe                                     |                  |                                   |
| 12 | Corps                | Laiton                                 | Acier inoxydable | Aluminium                         |
| 13 | Joint torique        | NBR, (FKM, EPDM)                       |                  | NBR, (FKM)                        |
| 14 | Ensemble membrane    | Acier inoxydable, NBR, (FKM, EPDM)     |                  | Acier inoxydable, NBR, (FKM)      |
| 15 | Ressort de la vanne  | Acier inoxydable                       |                  |                                   |
| 16 | Support télescopique | PPS                                    |                  |                                   |
| 17 | Capot                | Acier inoxydable                       |                  |                                   |
| 18 | Vis                  | Fe                                     |                  |                                   |

## Information supplémentaire

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Catalogue                 | <a href="#">JSX-Da_FR.pdf</a>                                                      |
| Déclaration de conformité | <a href="#">newDoC_JSXD_TF1Z311EN.pdf</a>                                          |
| Manuels d'installation    | <a href="#">IM_JSXD_TF2Y015EN-B.pdf</a><br><a href="#">IM_JSXD_TF2Y015FR-B.pdf</a> |
| Operation manuals         | <a href="#">OM_JSXD_DOC1029458EN-1.pdf</a>                                         |