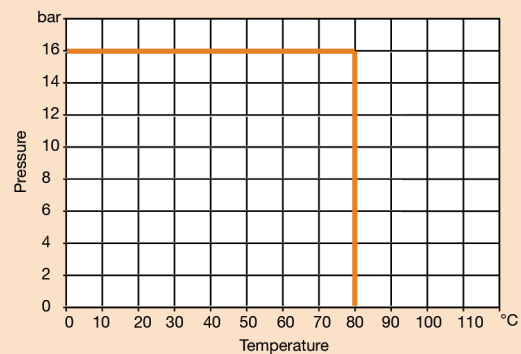


## Modulating Float Control Valve with Solenoid Valve

### Features

- Automatic Control Valve
- Suitable for Potable Water Applications
- Flange conforms to ANSI 150 (B16.42)
- Available Flanged ANSI Class 300
- WRAS Approved Epoxy Coated Body
- Stainless Steel Pilot Tubing, Valves, Float Pilot and Brass Pilot Solenoid Valve
- Copper Float Option
- Normally Closed and Normally Open Option

### Pressure/Temperature



| DN   | 50    | 65    | 80    | 100   | 125    | 150    | 200    | 250     | 300     |
|------|-------|-------|-------|-------|--------|--------|--------|---------|---------|
| L    | 230   | 290   | 310   | 350   | 400    | 480    | 600    | 730     | 850     |
| E    | 152.4 | 177.8 | 190.5 | 228.6 | 254.0  | 279.4  | 342.9  | 406.4   | 482.6   |
| C    | 120.7 | 139.7 | 152.4 | 190.5 | 215.9  | 241.3  | 298.5  | 362.0   | 482.6   |
| n-Ød | 4-19  | 4-19  | 4-19  | 8-19  | 8-22.4 | 8-22.4 | 8-22.4 | 12-25.4 | 12-25.4 |
| B    | 164   | 194   | 218   | 252   | 286    | 348    | 476    | 574     | 662     |
| H    | 335   | 355   | 370   | 390   | 420    | 455    | 510    | 575     | 630     |
| H1   | 242   | 252   | 270   | 280   | 295    | 313    | 340    | 372     | 400     |
| Kgs  | 13    | 17    | 23    | 30    | 65     | 69     | 132    | 315     | 420     |

| N. | Part Name           | Materials           |
|----|---------------------|---------------------|
| 1  | Body                | Ductile Iron        |
| 2  | Stem                | Stainless Steel 304 |
| 3  | Seat                | Stainless Steel 304 |
| 4  | O-Ring              | NBR                 |
| 5  | Disc Ring           | NBR                 |
| 6  | Disc Retainer       | Ductile Iron        |
| 7  | Disc Guide          | Ductile Iron        |
| 8  | Diaphragm           | EPDM                |
| 9  | Diaphragm Washer    | Ductile Iron        |
| 10 | Spring              | Stainless Steel 304 |
| 11 | Cover Bearing       | Stainless Steel 304 |
| 12 | Screw               | Stainless Steel 304 |
| 13 | Washer              | Stainless Steel 304 |
| 14 | Cover               | Ductile Iron        |
| 15 | Strainer            | Stainless Steel 304 |
| 16 | Needle Valve        | Stainless Steel 304 |
| 17 | Solenoid Valve      | Brass               |
| 18 | Ball Valve          | Stainless Steel 304 |
| 19 | Float Control Valve | Stainless Steel 304 |

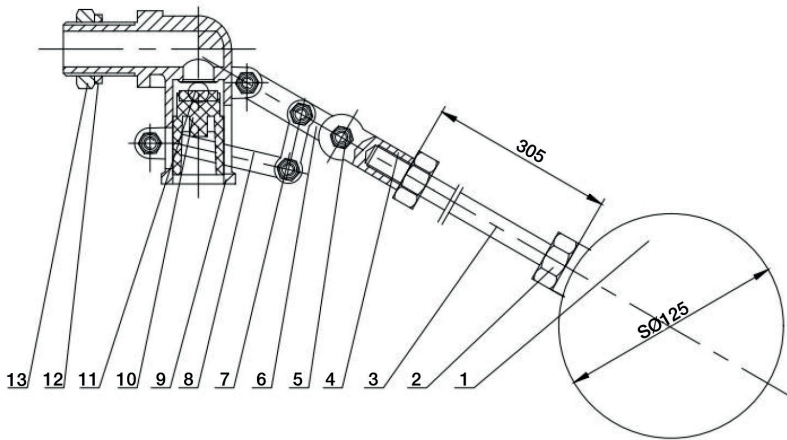
### Technical Data

|                               |                 |
|-------------------------------|-----------------|
| Max Pressure                  | 16 Bar          |
| Minimum Differential Pressure | 5PSI (0.035MPa) |
| Working Temperature           | 0°C to +80°C    |

Dimensions in mm

This data sheet is designed as a guide and should not be regarded as wholly accurate in every detail. We reserve the right to amend the specification of any product without notice.

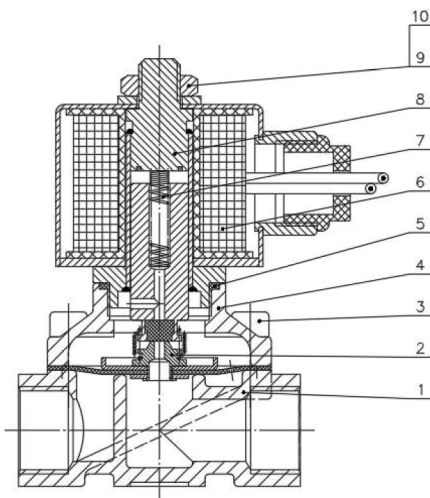
Pilot Valve Detail - ART 6150



Pilot Valve

| N. | Part Name    | Materials           |
|----|--------------|---------------------|
| 1  | Float Ball   | Stainless Steel 304 |
| 2  | Nut          | Stainless Steel 304 |
| 3  | Rod          | Stainless Steel 304 |
| 4  | Level Holder | Stainless Steel 304 |
| 5  | Screw / Nut  | Stainless Steel 304 |
| 6  | Arm          | Stainless Steel 304 |
| 7  | Level        | Stainless Steel 304 |
| 8  | Seat Holder  | Stainless Steel 304 |
| 9  | Body         | Stainless Steel 304 |
| 10 | Yoke         | Stainless Steel 304 |
| 11 | Seat         | NBR                 |
| 12 | Washer       | NBR                 |
| 13 | Nut          | Stainless Steel 304 |

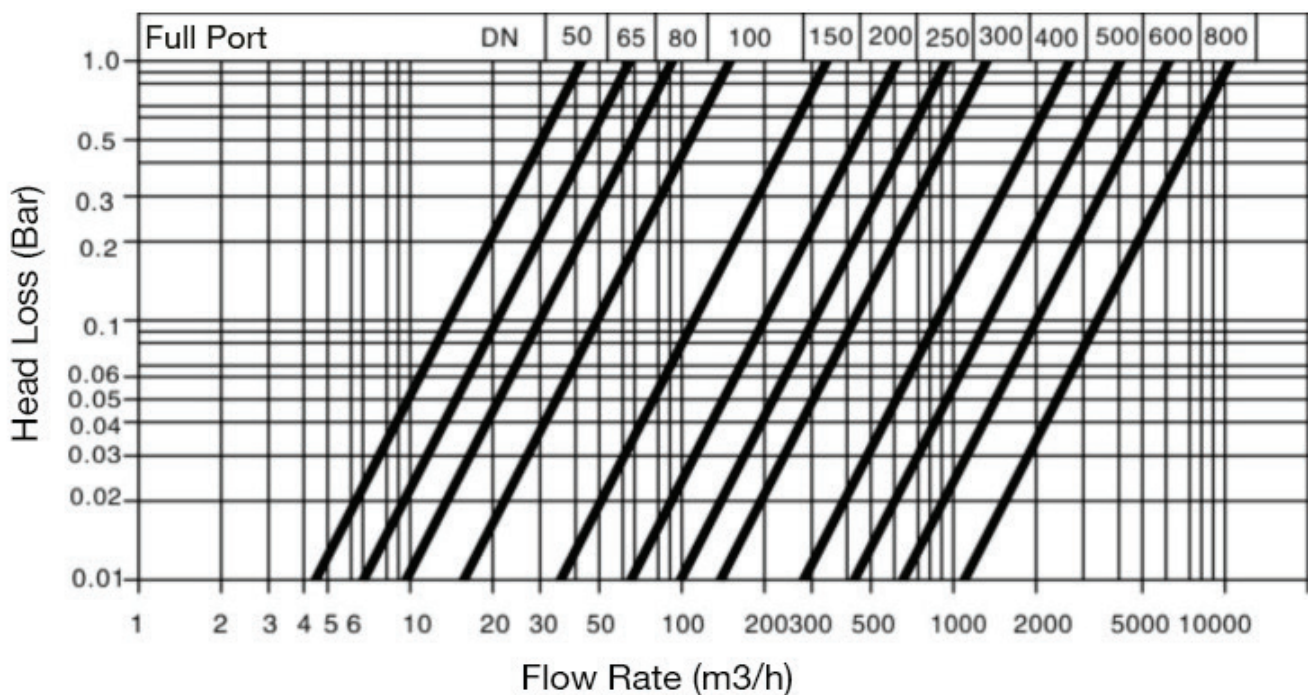
Solenoid Pilot Valve - ART 6180 NC / ART 6180 NO



Solenoid Pilot Valve

| N. | Part Name      | Materials                 |
|----|----------------|---------------------------|
| 1  | Body           | Brass                     |
| 2  | Diaphragm Kits | NBR / Stainless Steel 304 |
| 3  | Bolt           | Stainless Steel 304       |
| 4  | Adaptor        | Stainless Steel 304       |
| 5  | O-Ring         | NBR                       |
| 6  | Core           | Brass / Nylon             |
| 7  | Spring         | Stainless Steel 304       |
| 8  | 2W Pilot       | Brass / NBR               |
| 9  | Nut            | Brass                     |
| 10 | Washer         | Brass                     |

Flow curve of the main valve at fully open status



Dimensions in mm

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