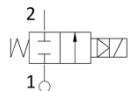


## BRASS SOLENOID VALVE 84












- Coil size 42 - 83mm
- 2/2 way NC
- Servo actuated
- Minimum working pressure 0 bar
- ED 100%

| Technical data                           |                             |       |            |         |
|--|-----------------------------|-------|------------|---------|
| Body material                            | Brass                       |       |            |         |
| Seal material                            | NBR – EPDM – EPDM KTW – FPM |       |            |         |
| Tube material                            | Stainless steel             |       |            |         |
| Working fluids                           | Water, air, light oils      |       |            |         |
| Electrical connect.                      | 6,3 x 0,8 fast-on terminal  |       |            |         |
| Insulation class                         | H                           |       |            |         |
| Coil type                                | B12 (42mm)                  |       | B60 (83mm) |         |
| 220-230VAC 50-60Hz<br>Approvals: CE; VDE | Power (VA)                  | 18    | Power (VA) | 140     |
| 100-120VAC 60Hz<br>Approvals: CE; UL     | Power (VA)                  | 18    | Power (VA) | 140     |
| 12-24 VDC<br>Approvals: CE               | Power (W)                   | 21    | Power (W)  | 43      |
| Max temperature                          | Fluids                      |       |            | Ambient |
|  | NBR                         | EPDM  | EPDM-KTW   | FPM     |
|  | 90°C                        | 130°C | 130 °C     | 150°C   |
|  |                             |       |            | 80 °C   |

| Performance       |                    |              |              |    |  |
|-------------------|--------------------|--------------|--------------|----|---|
| Pipes<br>IN - OUT | Orifice size<br>mm | Flow<br>m3/h | MOPD (bar) * |    | Code  |
|                   |                    |              | AC           | DC |   |
| G 3/8             | 12                 | 2,20         | 5            | 5  | 8413  |
| G 1/2             | 12                 | 2,20         | 5            | 5  | 8414  |
| 3/8 NPT           | 12                 | 2,20         | 5            | 5  | 8423  |
| 1/2 NPT           | 12                 | 2,20         | 5            | 5  | 8424  |
| G 3/4             | 20                 | 5,50         | 4            | 2  | 8415  |
| G 1               | 25                 | 7,50         | 4            | 2  | 8416  |
| G 1 ¼             | 36                 | 17,50        | 4            | 2  | 8417  |
| G 1 ½             | 39                 | 19,00        | 4            | 2  | 8418  |
| G 2               | 51                 | 32,40        | 4            | 2  | 8419  |

\*: over this pressure the valve is not able to open

**Hydraulic connection**

|  |  |  |  |  |
|--|--|--|--|--|
| <p>G 3/8<br/>Series 8413</p>  | <p>G 1/2<br/>Series 8414</p>    | <p>3/8 NPT<br/>Series 8423</p>  | <p>1/2 NPT<br/>Series 8424</p>  | <p>G 3/4<br/>Series 8415</p>  |
| <p>G 1<br/>Series 8416</p>    | <p>G 1 1/4<br/>Series 8417</p>  | <p>G 1 1/2<br/>Series 8418</p>  | <p>G 2<br/>Series 8419</p>       |  |

Availability coil orientation

