

| SCHEDA - CARD | PRODOTTO - PRODUCT | SCHEMA - SCHEMA | VPDE |
|---------------|--------------------|-----------------|--|
| G25/0 | | | VALVOLA DI RITEGNO DOPPIO EFFETTO PILOTATA IN LINEA DUAL PILOT OPERATED CHECK VALVE LINE MOUNTING |

APPLICAZIONE

Sono utilizzate per bloccare in posizione un attuatore e renderlo insensibile alle forze esterne.

MONTAGGIO

Collegare le bocche A2 e U2 all'attuatore e le bocche A1 e U1 all'alimentazione.

FUNZIONAMENTO

Il fluido passa libero da A1 verso A2 alimentando la bocca dell'attuatore ad esso collegata. Contemporaneamente il pistoncino pilota apre il ritegno sulla bocca U2 permettendo il ritorno del flusso libero verso U1. Alimentando U1 si ottiene l'operazione contraria.

A RICHIESTA

Corpo in acciaio zincato - Molle 0,5 Bar - Molle 8 Bar - Tenuta in Viton - Senza guarnizione OR sul pilota - Marcatura personalizzabile.

NOTE COSTRUTTIVE

Collettore in acciaio dimensione 01 e 015 - Collettore in alluminio dimensione 02, 025 e 03 - Componenti interni trattati termicamente - Non ammette trafilementi. Otturatore conico, tranne versione 01 (sferico).

APPLICATION

They are used to hold and lock an actuator in position until pilot pressure is applied.

INSTALLATION

Connect A2 and U2 ports to the actuator ports, and connect A1 and U1 to the pressure flows.

OPERATION

This valve allows flow from A1 port to A2 port and feeds the actuator port connected to it. At the same time, the pressure flow in A1 opens the relief valve on U2 port, thus allowing the flow return towards U1. The opposite situation occurs when pressure flow passes from U1 port to U2 port.

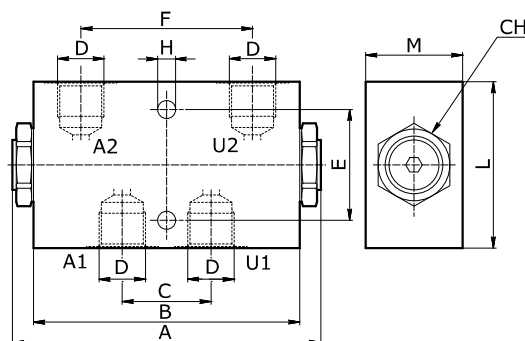
OPTIONAL

Zinc plated steel body - Spring set at 0.5 or 8 bar - Viton seals - Without o-ring seal on pilot piston - Custom marking.

FEATURES

Aluminium body: 02, 025 and 03 dimensions - Steel body: 01 and 015 dimensions - Hardened components - No leakage. Poppet except 01 version (spheric).

| CARATTERISTICHE - HYDRAULIC FEATURES | | | | | |
|--|-----|-----|-----|-----|-------|
| Dimensione <i>Dimension</i> | 01 | 015 | 02 | 025 | 03 |
| Pressione max <i>Max pressure (bar)</i> | 350 | 350 | 350 | 350 | 300 |
| Portata max <i>Max Flow (l/min)</i> | 20 | 20 | 35 | 35 | 50 |
| Rapporto d'apertura <i>Pilot Ratio</i> | 1:4 | 1:4 | 1:7 | 1:7 | 1:5.2 |
| Pressione d'apertura <i>Cracking Pressure (bar)</i> | 4 | 4 | 4 | 4 | 4 |



| DIMENSIONI E PESI - EXTERNAL DIMENSIONS AND WEIGHTS | | | | | | | | | | | | | |
|---|-----|-----|----|-------|-------|---------|----|----|------|----|----|----|----------------------------|
| Dimensione <i>Dimension</i> | A | B | C | D gas | D npt | D sae | E | F | H | L | M | CH | Peso <i>Weight (kg)</i> |
| 01 | 113 | 90 | 32 | 1/4 | 1/4 | 7/16-20 | 40 | 62 | 6.5 | 50 | 25 | 22 | 0.79 |
| 015 | 113 | 90 | 32 | 3/8 | 3/8 | 9/16-18 | 40 | 62 | 6.5 | 50 | 25 | 22 | 0.76 |
| 02 | 113 | 96 | 32 | 3/8 | 3/8 | 3/4-16 | 40 | 62 | 6.5 | 60 | 35 | 27 | 0.62 |
| 025 | 113 | 96 | 32 | 1/2 | 1/2 | 7/8-14 | 40 | 62 | 6.5 | 60 | 35 | 27 | 0.60 |
| 03 | 139 | 117 | 43 | 1/2 | 1/2 | 7/8-14 | 40 | 84 | 10.1 | 70 | 40 | 32 | 1.00 |

CODICE ORDINAZIONE - ORDERING CODE

| VPDE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|-----|---------|--|-----------|-----|-----|-----|----|-----|-----|---------|-----|-----|-----|---------|----|-----|-----|--------|-----|-----|-----|--------|----|-----|-----|--------|--|----------------------------------|--|--|-----|---|-----|---|-----|
| <table border="1"> <thead> <tr> <th colspan="4">Dimensione - Dimension</th> </tr> <tr> <th>Tipo-Type</th> <th>GAS</th> <th>NPT</th> <th>SAE</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>1/4</td> <td>1/4</td> <td>7/16-20</td> </tr> <tr> <td>015</td> <td>3/8</td> <td>3/8</td> <td>9/16-18</td> </tr> <tr> <td>02</td> <td>3/8</td> <td>3/8</td> <td>3/4-16</td> </tr> <tr> <td>025</td> <td>1/2</td> <td>1/2</td> <td>7/8-14</td> </tr> <tr> <td>03</td> <td>1/2</td> <td>1/2</td> <td>7/8-14</td> </tr> </tbody> </table> | Dimensione - Dimension | | | | Tipo-Type | GAS | NPT | SAE | 01 | 1/4 | 1/4 | 7/16-20 | 015 | 3/8 | 3/8 | 9/16-18 | 02 | 3/8 | 3/8 | 3/4-16 | 025 | 1/2 | 1/2 | 7/8-14 | 03 | 1/2 | 1/2 | 7/8-14 | <table border="1"> <thead> <tr> <th colspan="2">Tipo Filetto <i>Port type</i></th> </tr> </thead> <tbody> <tr> <td style="background-color: #cccccc;"></td> <td>GAS</td> </tr> <tr> <td>N</td> <td>NPT</td> </tr> <tr> <td>S</td> <td>SAE</td> </tr> </tbody> </table> | Tipo Filetto <i>Port type</i> | | | GAS | N | NPT | S | SAE |
| Dimensione - Dimension | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tipo-Type | GAS | NPT | SAE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 1/4 | 1/4 | 7/16-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 015 | 3/8 | 3/8 | 9/16-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02 | 3/8 | 3/8 | 3/4-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 025 | 1/2 | 1/2 | 7/8-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 | 1/2 | 1/2 | 7/8-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tipo Filetto <i>Port type</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | GAS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N | NPT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | SAE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ESEMPIO ORDINAZIONE - ORDERING CODE EXAMPLE

| | |
|------------------|---|
| VPDE 025 | VPDE - Dimensione 025 - Tipo Filetto 1/2 GAS / VPDE - 025 Dimension - 1/2 GAS Port thread |
| VPDE 02 S | VPDE - Dimensione 02 - Tipo Filetto 3/4-16 SAE / VPDE - 02 Dimension - 3/4-16 SAE Port thread |