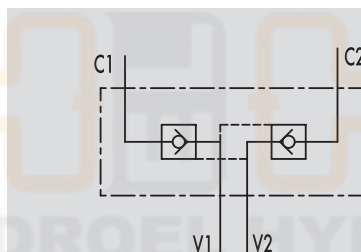
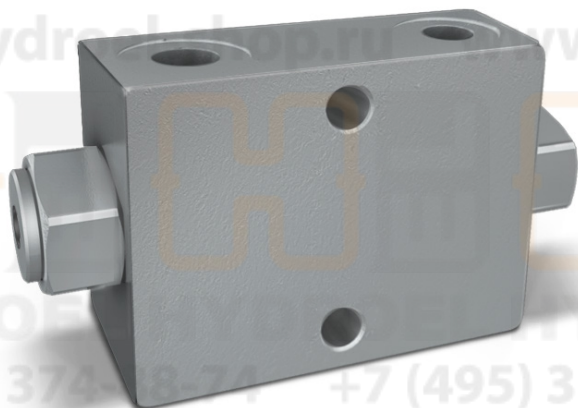


## VALVOLE DI BLOCCO PILOTATE A DOPPIO EFFETTO TIPO A

TIPO / TYPE  
**VBPDE A**SCHEMA IDRAULICO  
HYDRAULIC DIAGRAMDOUBLE PILOT OPERATED  
CHECK VALVES - TYPE A**IMPIEGO:**

Valvola utilizzata per bloccare in posizione un cilindro in entrambi i sensi, consentendo il flusso in una direzione ed impedendolo in senso contrario fino a quando non viene applicata la pressione di pilotaggio.

**MATERIALI E CARATTERISTICHE:**

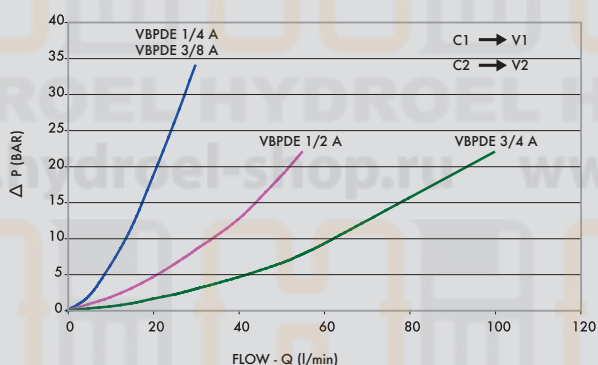
Corpo: acciaio zincato  
Componenti interni: acciaio temprato termicamente e rettificato  
Guarnizioni: BUNA N standard  
Tenuta: a cono guidato. Non ammette trafilementi

**MONTAGGIO:**

Collegare V1 e V2 all'alimentazione e C1 e C2 all'attuatore.

**A RICHIESTA**

- senza guarnizione OR sul pilota
- Molla 1 Bar
- Molla 8 Bar

**PERDITE DI CARICO  
PRESSURE DROPS CURVE****USE AND OPERATION:**

Pilot check valves are used to block the cylinder in both directions. Flow is free in one direction and blocked in the reverse direction until pilot pressure is applied.

**MATERIALS AND FEATURES:**

Body: zinc-plated steel  
Internal parts: hardened and ground steel  
Seals: BUNA N standard  
Poppet type: any leakage

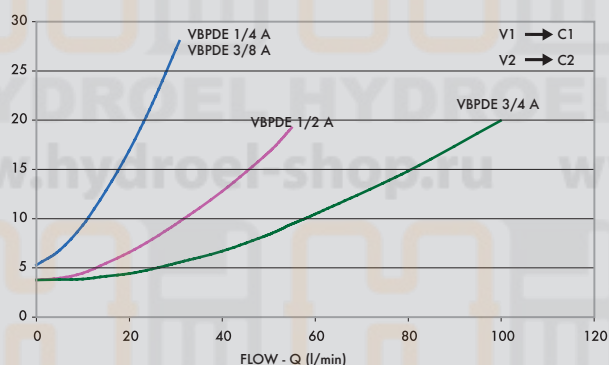
**APPLICATIONS:**

Connect V1 and V2 to the pressure flow and C1 and C2 to the actuator.

**ON REQUEST**

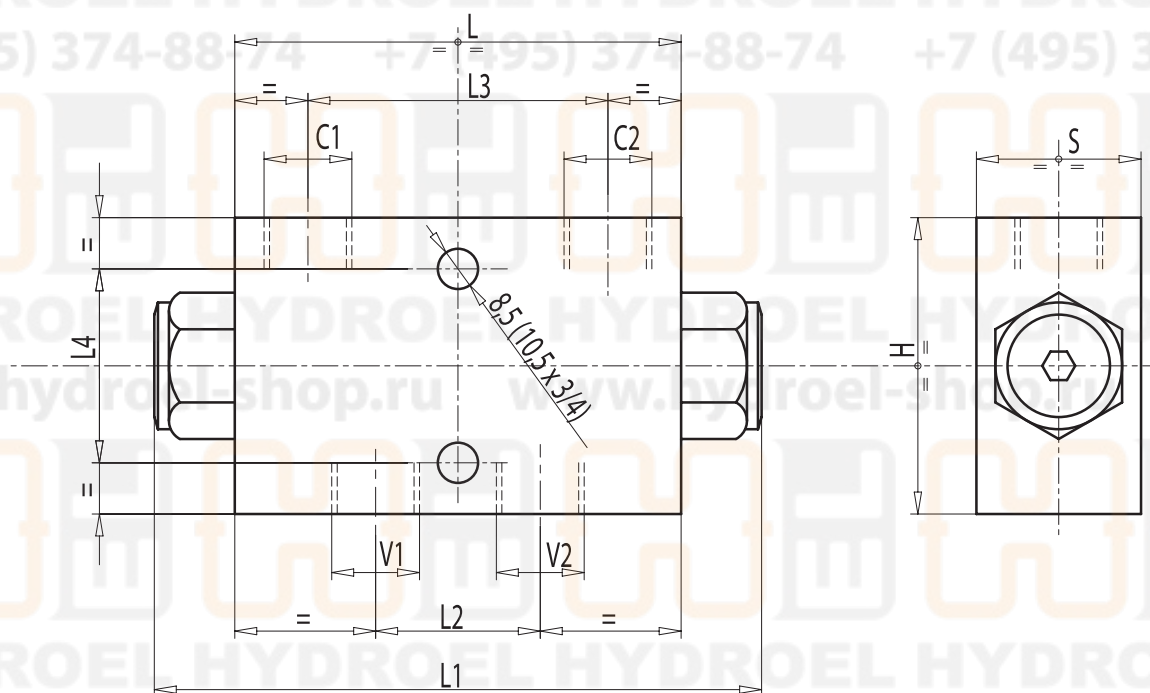
- without seal on pilot piston
- 1 Bar spring
- 8 Bar spring

Temperatura olio: 50°C - Viscosità olio: 30 cSt  
Oil temperature: 50° C - Oil viscosity: 30 cSt





| CODICE<br>CODE | SIGLA<br>TYPE | RAPP. PILOT<br>PILOT RATIO | PORTATA MAX<br>MAX FLOW<br>Lt. / min | PRESSIONE MAX<br>MAX PRESSURE<br>Bar | PRESSIONE APERTURA<br>CRACKING PRESSURE<br>Bar |
|----------------|---------------|----------------------------|--------------------------------------|--------------------------------------|------------------------------------------------|
| <b>V0178</b>   | VBPDE 1/4" A  | 1:5,5                      | 20                                   | 350                                  | 4,5                                            |
| <b>V0180</b>   | VBPDE 3/8" A  | 1:5,5                      | 30                                   | 350                                  | 4,5                                            |
| <b>V0190</b>   | VBPDE 1/2" A  | 1:4,5                      | 55                                   | 350                                  | 5,5                                            |
| <b>V0191</b>   | VBPDE 3/4" A  | 1:3,7                      | 100                                  | 350                                  | 3                                              |



| CODICE<br>CODE | SIGLA<br>TYPE | V1 - V2<br>C1 - C2<br>GAS | L<br>mm | L1<br>mm | L2<br>mm | L3<br>mm | L4<br>mm | H<br>mm | S<br>mm | PESO<br>WEIGHT<br>kg |
|----------------|---------------|---------------------------|---------|----------|----------|----------|----------|---------|---------|----------------------|
| <b>V0178</b>   | VBPDE 1/4" A  | G 1/4"                    | 80      | 113      | 27       | 52       | 44       | 60      | 30      | 1,032                |
| <b>V0180</b>   | VBPDE 3/8" A  | G 3/8"                    | 80      | 113      | 30       | 52       | 44       | 60      | 30      | 0,994                |
| <b>V0190</b>   | VBPDE 1/2" A  | G 1/2"                    | 115     | 147      | 39       | 80       | 40       | 80      | 35      | 2,324                |
| <b>V0191</b>   | VBPDE 3/4" A  | G 3/4"                    | 158     | 198      | 50       | 105      | 58       | 80      | 50      | 4,800                |