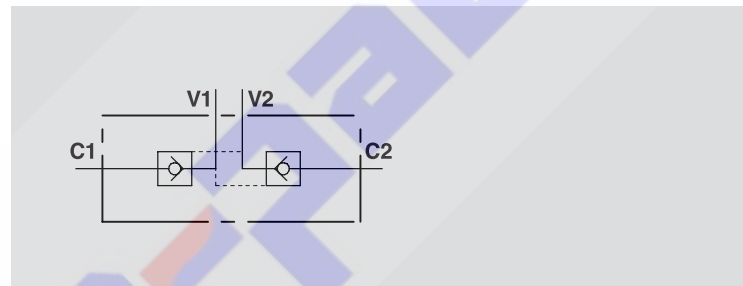


# VALVOLE DI BLOCCO PILOTATE A DOPPIO EFFETTO

## DOUBLE PILOT OPERATED CHECK VALVES

TIPO / TYPE  
**VBPDE**

SCHEMA IDRAULICO  
HYDRAULIC DIAGRAM



### 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. Trafilamento trascurabile.

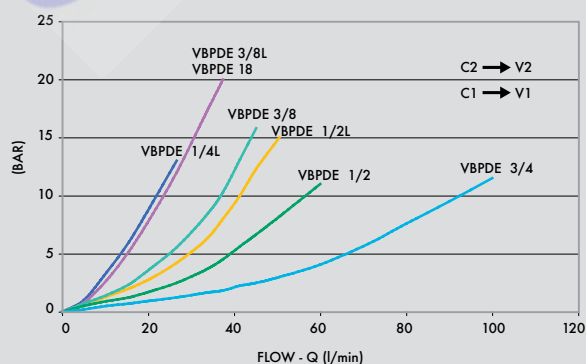
### MONTAGGIO:

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 DROP 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.  
Leakage: Guided poppet - negligible leakage.

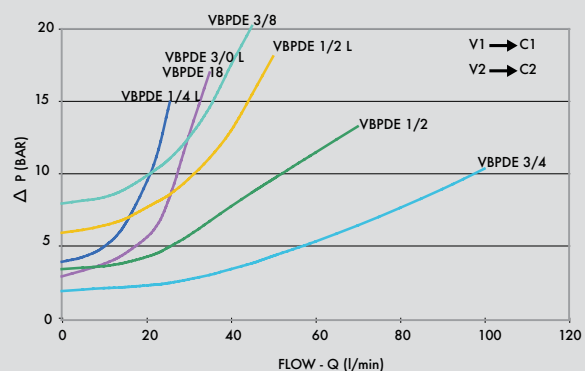
### CONNECTIONS:

Connect V1 and V2 to the supply and C1 and C2 to the actuator.

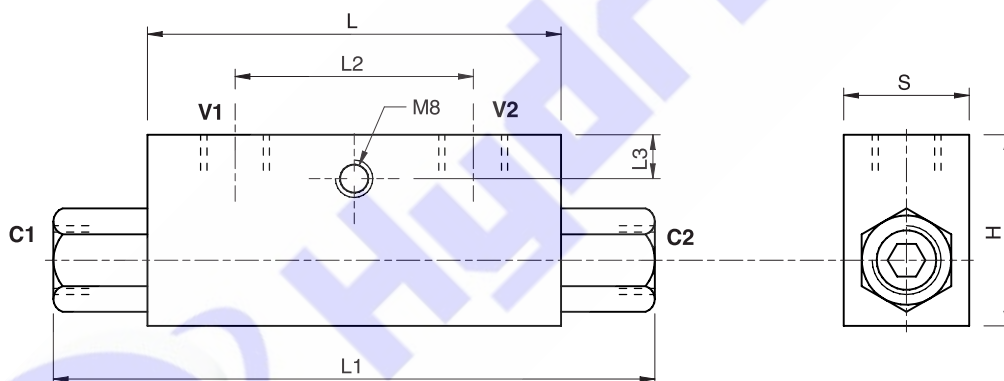
### ON REQUEST

- 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 CODE	SIGLA TYPE	RAPP. PILOT PILOT RATIO	PORTATA MAX MAX FLOW Lt. / min	PRESSIONE MAX MAX PRESSURE Bar	PRESSIONE APERTURA CRACKING PRESSURE Bar
<b>V0010</b>	VBPDE 1/4" L	1:5,5	20	350	4
<b>V0020</b>	VBPDE 3/8" L	1:5,5	35	350	3
<b>V0030</b>	VBPDE 1/2" L	1:5	50	350	6
<b>V0050</b>	VBPDE 3/8"	1:5	45	350	8
<b>V0061</b>	VBPDE 18 L	1:5,5	35	350	4
<b>V0070</b>	VBPDE 1/2"	1:4	70	350	3,5
<b>V0040</b>	VBPDE 3/4"	1:4	100	300	2



CODICE CODE	SIGLA TYPE	V1 - V2 C1 - C2 GAS - MET	L mm	L1 mm	L2 mm	L3 mm	H mm	S mm	PESO WEIGHT kg
<b>V0010</b>	VBPDE 1/4" L	G 1/4"	64	113	36	8	40	30	0,636
<b>V0020</b>	VBPDE 3/8" L	G 3/8"	80	128	38	8	40	30	0,736
<b>V0030</b>	VBPDE 1/2" L	G 1/2"	90	142	45	12,5	45	35	1,042
<b>V0050</b>	VBPDE 3/8"	G 3/8"	90	156	45	12,5	45	35	1,174
<b>V0061</b>	VBPDE 18 L	M18X1,5	68	118	38	8	40	30	0,630
<b>V0070</b>	VBPDE 1/2"	G 1/2"	80	144	40	18	60	35	1,284
<b>V0040</b>	VBPDE 3/4"	G 3/4"	100	192	46	12	60	40	1,916