

Part number:

HYDROMA

HYDRAULICKÉ SYSTÉMY

**HIDROMA
SYSTEMS**

UKŁADY HYDRAULICZNE

HYDROMA

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

TIPO / TYPE

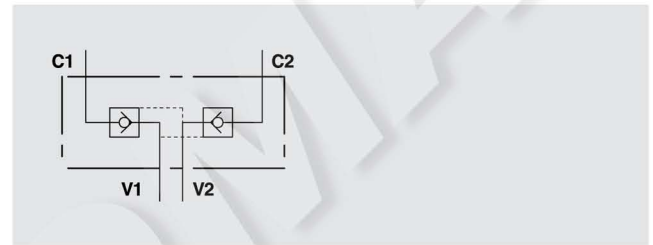
VBPDE A

1.6

VALVOLE DI BLOCCO PILOTATE A DOPPIO EFFETTO TIPO A DOUBLE PILOT OPERATED CHECK VALVES - TYPE A



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.

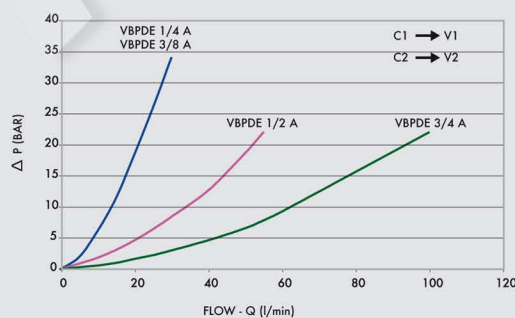
MONTAGGIO:

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.

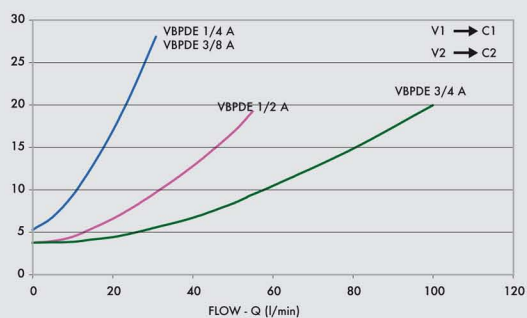
CONNECTIONS:

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

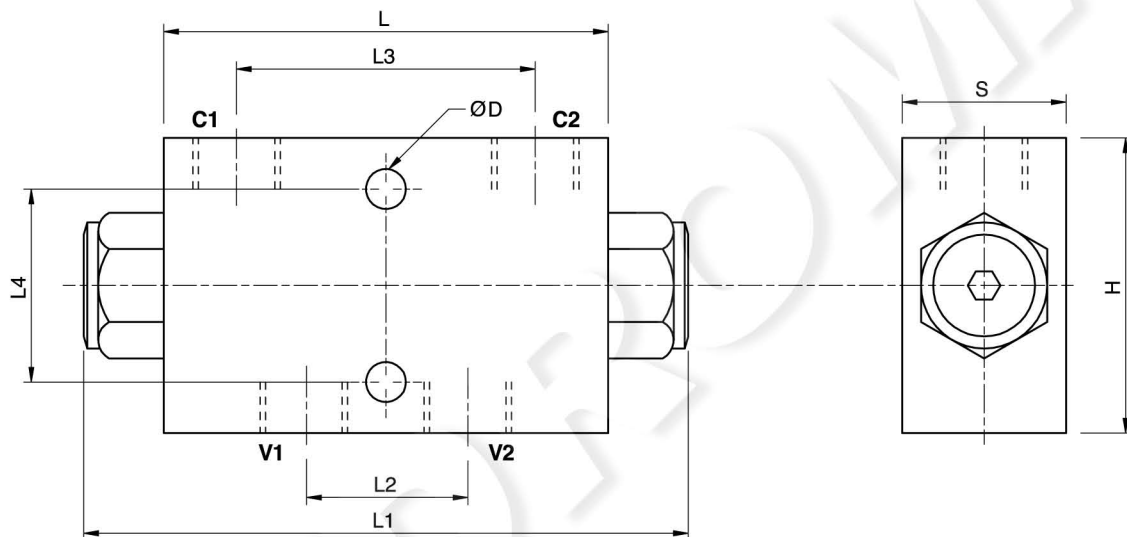
ON REQUEST

- 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
V0178	VBPDE 1/4" A	1:5,5	20	350	4,5
V0180	VBPDE 3/8" A	1:5,5	30	350	4,5
V0190	VBPDE 1/2" A	1:4,5	55	350	5,5
V0191	VBPDE 3/4" A	1:3,7	100	350	3



CODICE CODE	SIGLA TYPE	V1 - V2 C1 - C2 GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	H mm	S mm	D mm	PESO WEIGHT kg
V0178	VBPDE 1/4" A	G 1/4"	80	113	27	52	44	60	30	8,5	1,032
V0180	VBPDE 3/8" A	G 3/8"	80	113	30	52	44	60	30	8,5	0,994
V0190	VBPDE 1/2" A	G 1/2"	115	147	39	80	40	80	35	8,5	2,324
V0191	VBPDE 3/4" A	G 3/4"	158	198	50	105	58	80	50	10,5	4,800