

Oleodinamica Marchesini V0274 VBPSE 3/8 A single pilot-operated check valve

Manufacturer: Oleodinamica Marchesini
Manufacturer part number / published order designation: V0274
Published model: V0274

About this compilation

Prepared by Hydmaster from selected manufacturer documentation. Original technical pages follow without cropped drawings, rewritten data or altered units. This cover and index are Hydmaster editorial material, not a manufacturer-issued exact-execution datasheet.

Coverage: selected pages relevant to the identified size and configuration. Other options or neighbouring models retained on an original page apply only where explicitly identified.

Execution notes and conditions

Exact supplier-offered article: V0274

Manufacturer series image is representative.

No publication date inferred from upload path.

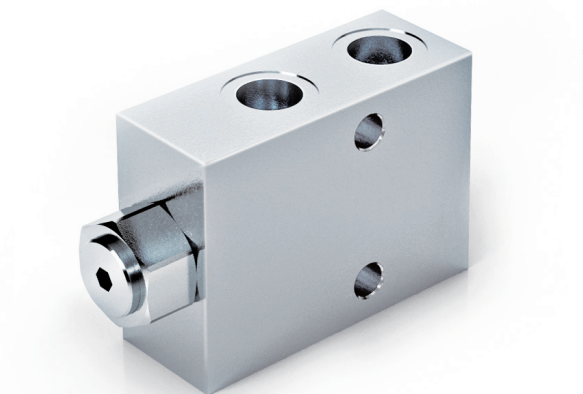
Source-page index

Source page numbers below are physical pages of each complete original PDF. The original printed page labels and technical content remain unchanged. Compiled page numbers count this cover/index.

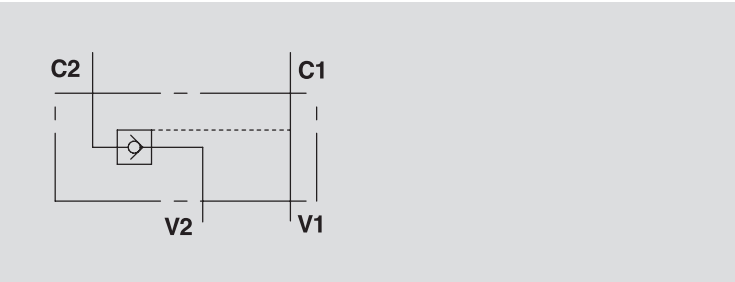
Source A: Oleodinamica Marchesini VBPSE A technical datasheet

Original pages	Compiled pages	Relevant content
1	2	Complete relevant manufacturer ratings/code table, original circuit, drawings, curves and conditions

VALVOLE DI BLOCCO A SEMPLICE EFFETTO A 4 VIE TIPO A
SINGLE PILOT OPERATED CHECK VALVES TYPE A



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:

Valvola utilizzata per bloccare in posizione un cilindro in un solo senso, 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, C1 al lato dell'attuatore con flusso libero e C2 al lato dell'attuatore dove si desidera la tenuta.

A RICHIESTA

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

PERDITE DI CARICO
PRESSURE DROP CURVE

USE AND OPERATION:

These valves are used to block the cylinder in one direction. 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:

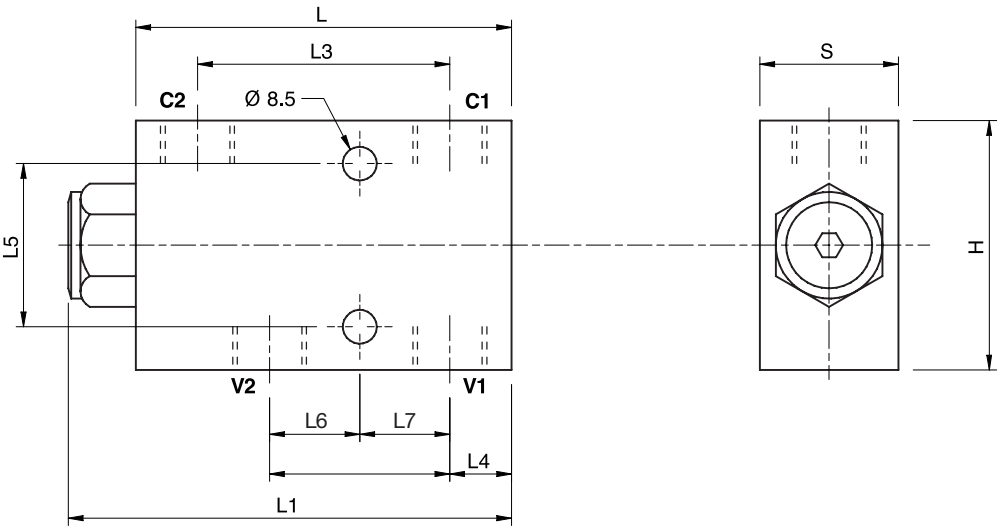
Connect V1 and V2 to the supply, C1 to the free flow side of the actuator and C2 to the actuator side you want the flow to be blocked.

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
V0272	VBPSE 1/4" A	1:8	20	350	4,5
V0274	VBPSE 3/8" A	1:8	30	350	4,5
V0276	VBPSE 1/2" A	1:4,5	55	350	5,5



CODICE CODE	SIGLA TYPE	V1 - V2 C1 - C2 GAS	L mm	L1 mm	L3 mm	L4 mm	L5 mm	L6 mm	L7 mm	H mm	S mm	PESO WEIGHT kg
V0272	VBPSE 1/4" A	G 1/4"	80	96	50	15	40	16,5	17	60	30	1,028
V0274	VBPSE 3/8" A	G 3/8"	80	96	50	15	40	16,5	17	60	30	0,996
V0276	VBPSE 1/2" A	G 1/2"	105	120,2	70	17,5	40	21,5	27,5	80	35	2,000

