

Oleodinamica Marchesini V1012KIT weld-on double pilot-operated check valve kit

Manufacturer: Oleodinamica Marchesini
Manufacturer part number / published order designation: V1012KIT
Published model: V1012KIT

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 literal KIT printed in current original rows; body+stem+cartridge supplied unassembled for post-weld fitting. Realcompletekit, not borrowed barebody ratings. V1011single vsV1010/V1012double explicit.

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.

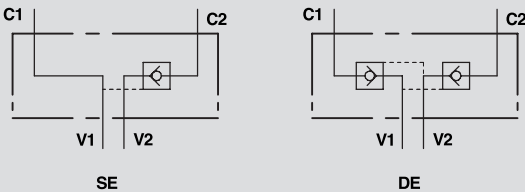
Source A: Oleodinamica Marchesini VBAS exact execution reference

Original pages	Compiled pages	Relevant content
1	2	Original applicable size/kit row, actual NPT/range option legend, circuit and installation drawing; reference-only BSP data qualified on index

VALVOLE DI BLOCCO A SALDARE
DOUBLE PILOT OPERATED CHECK VALVES TO WELD



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM

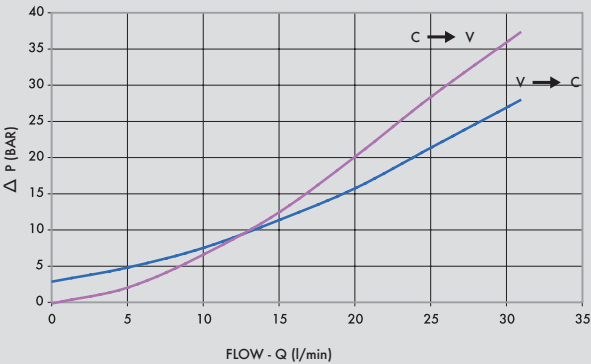


IMPIEGO:
La funzionalità di questi fondelli è analoga a quella della valvola di ritegno pilotata avendo all'interno la cartuccia di ritegno. Sono particolarmente utilizzati su appoggi idraulici in quanto vengono saldati direttamente sul cilindro. Queste valvole sono state studiate appositamente per rallentare la velocità e le vibrazioni su appoggi idraulici. V1011 è semplice effetto, V1010 e V1012 sono doppio effetto.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard.
Tenuta: a sfera. Trafilamento trascurabile.

MONTAGGIO:
Collegare V1 e V2 all'alimentazione e saldare C1 e C2 all'attuatore. La cartuccia di ritegno e lo stelo pilota sono da montare dopo l'installazione del fondello, pertanto vengono forniti separatamente smontati.

PERDITE DI CARICO
PRESSURE DROP CURVE



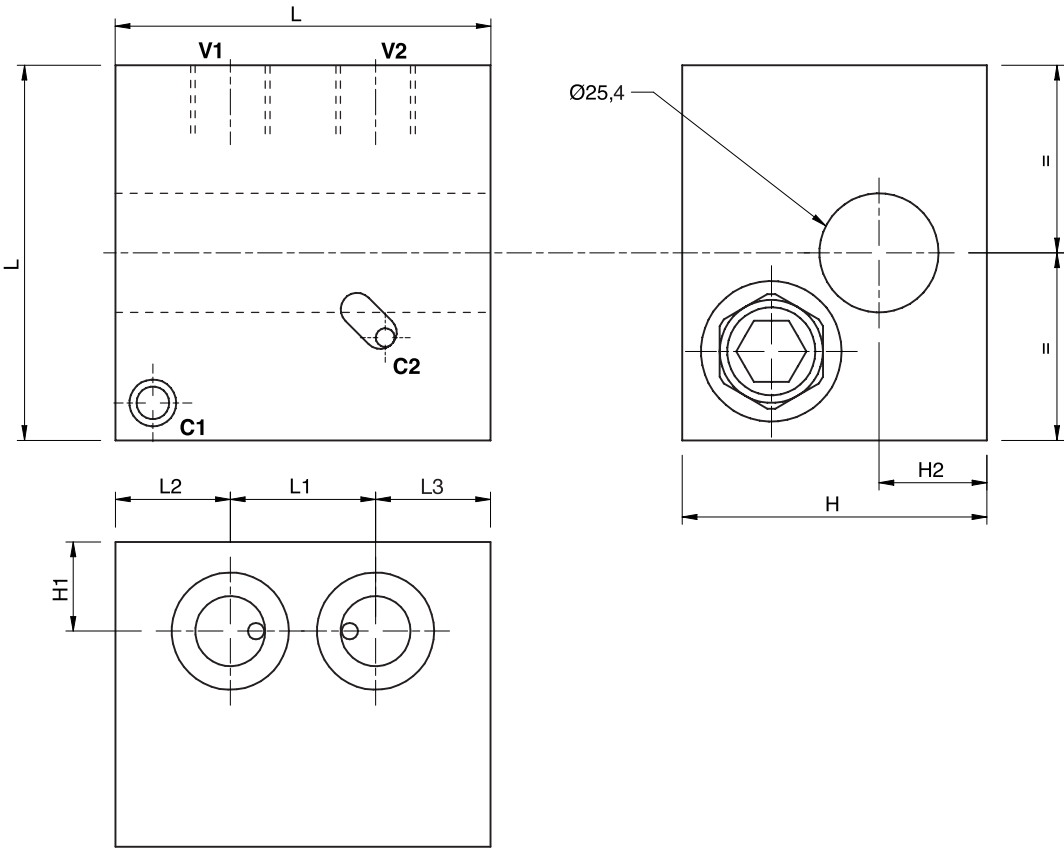
USE AND OPERATION:
Having inside the check cartridge, the function of this valve is nearly the same of the pilot operated check valves. Directly weld onto the cylinder. This valve has been designed to reduce the speed and limit potential vibrations of the cylinder. V1011 is single pilot operated check valve, V1010 and V1012 are double pilot operated check valves.

MATERIALS AND FEATURES:
Body: steel.
Internal parts: hardened and ground steel.
Seals: BUNA N standard.
Leakage: Ball type - negligible leakage.

CONNECTIONS:
Connect V1 and V2 to the supply and weld C1 and C2 to the actuator. The check cartridge and the pilot piston have to be fitted after installation of the valve, therefore they are supplied separately.

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
V1011KIT	VBAS 70 SE	1:5.5	25	350	3
V1011/DEKIT	VABS 70 DE	1:5.5	25	350	3
V1010KIT	VABS 80 DE	1:5.5	25	350	3
V1010/SEKIT	VBAS 80 SE	1:5.5	25	350	3
V1012KIT	VABS 90 DE	1:5.5	25	350	3
V1012/SEKIT	VBAS 90 SE	1:5.5	25	350	3



CODICE CODE	SIGLA TYPE	V1 - V2 GAS	L mm	L1 mm	L2 mm	L3 mm	H mm	H1 mm	H2 mm	PESO WEIGHT kg
V1011KIT	VBAS 70 SE	G 3/8"	70	28	27	15	65	17	24	1,97
V1011/DEKIT	VABS 70 DE	G 3/8"	70	28	27	15	65	17	24	1,97
V1010KIT	VABS 80 DE	G 3/8"	80	31	24,5	24,5	65	19	24	2,59
V1010/SEKIT	VBAS 80 SE	G 3/8"	80	31	24,5	24,5	65	19	24	2,59
V1012KIT	VABS 90 DE	G 3/8"	90	28	31	31	65	19	24	3,382
V1012/SEKIT	VBAS 90 SE	G 3/8"	90	28	31	31	65	19	24	3,382