Oleodinamica Marchesini V0980 IF 4 VIE 1/2 four-way reversing valve

Manufacturer: Oleodinamica Marchesini

Manufacturer part number / published order designation: V0980

Published model: V0980

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: V0980

Manufacturer series image is representative; original drawing defines the execution.

No publication date inferred from upload path.

Catalogue defaults do not replace checking actual valve settings.

Source-page index

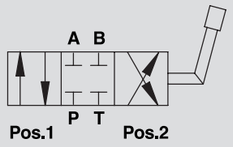
Source page numbers below are physical pages of each complete original PDF. The original printed page labels and technical content remain unchanged. Compiled page numbers count this cover/index.

Source A: Oleodinamica Marchesini IF 4 technical datasheet

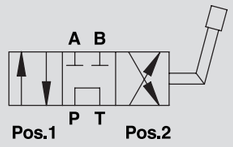
Original pages	Compiled pages	Relevant content
1	2	Complete relevant manufacturer code/ratings table, circuit, drawing, curves and original conditions

INVERTITORI DI FLUSSO A 4 VIE
4 WAYS DIVERTER VALVES

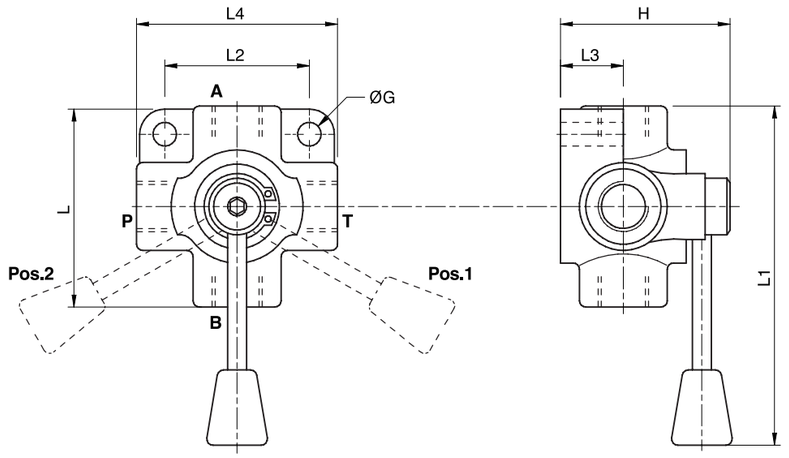
SCHEMA IDRAULICO
(con centro chiuso)
HYDRAULIC DIAGRAM
(closed centre)



A RICHIESTA
(con centro aperto)
ON REQUEST
(open centre)



CODICE CODE	SIGLA TYPE	PORTATA MAX MAX FLOW Lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V0970	IF 4 VIE 3/8"	60	300
V0980	IF 4 VIE 1/2"	90	250
V0990	IF 4 VIE 3/4"	120	250



IMPIEGO:
Valvole utilizzate per invertire il flusso dell'olio da due ingressi a due uscite. Possono essere impiegati per azionare attuatori a doppio effetto o per invertire la rotazione di un motore idraulico.

MATERIALI E CARATTERISTICHE:
Corpo: ghisa.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard.
Tenuta: trafilamento trascurabile.

MONTAGGIO:
Collegare P all'alimentazione, T al ritorno e le bocche A e B all'attuatore o al motore. Con leva in pos. 1, P alimenta A e contemporaneamente B va allo scarico T; con leva in pos. 2, P alimenta B e contemporaneamente A va allo scarico T. Con leva in posizione centrale tutte le bocche sono chiuse (centro chiuso).

A RICHIESTA:
• Centro aperto (CODICE/CA)

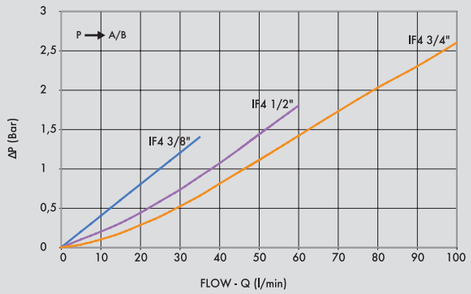
USE AND OPERATION:
This valve is used to reverse oil flow from two inlets to two outlets. It can be used to control double acting actuators or to reverse the rotation of a hydraulic motor.

MATERIALS AND FEATURES:
Body: cast iron.
Internal parts: hardened and ground steel.
Seals: BUNA N standard.
Leakage: Minimal leakage.

CONNECTIONS:
Connect P to the pressure flow, T to return and ports A and B to the actuator or motor. With lever in position 1, P is connected to A and at the same time B drains into the tank T; with lever in position 2, P is connected to B and at the same time A drains into tank T. With lever in central position all ports are closed (closed centre).

ON REQUEST:
• Open centre (CODE/CA).

PERDITE DI CARICO
PRESSURE DROP CURVE



CODICE CODE	SIGLA TYPE	A-B P-T GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	ØG mm	H mm	PESO WEIGHT Kg.
V0970	IF 4 VIE 3/8"	G 3/8"	77	165	53,5	24	77	8,5	70	1,270
V0980	IF 4 VIE 1/2"	G 1/2"	90	168	68	28	90	8,5	80	1,870
V0990	IF 4 VIE 3/4"	G 3/4"	95	195	74	32	95	8,5	90	2,500