

Oleodinamica Marchesini V0980/CA open-centre four-way reversing valve

Manufacturer: Oleodinamica Marchesini
Manufacturer part number / published order designation: V0980/CA
Published model: V0980/CA

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

Literalactualfullcode/currentrelatedlabel + printedCC/CAoptionlegend;
centreconditiondifferentfromexistingbasecard, notgenerated. Dimensionaltextlayerconflictsnotcollapsed.

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.

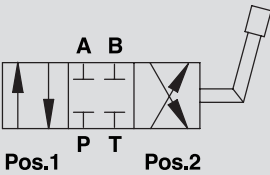
Source A: Oleodinamica Marchesini IF 4 exact execution reference

Original pages	Compiled pages	Relevant content
1	2	Exact size or base row, actual option legend and circuit/drawing; label differences qualified on index

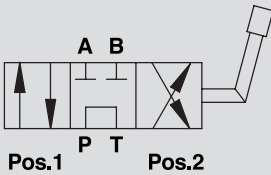
INVERTITORI DI FLUSSO A 4 VIE
4 WAYS DIVERTER VALVES



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



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



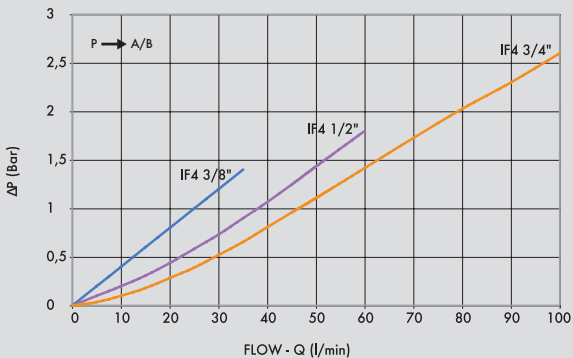
IMPIEGO:
Valvole utilizzate per invertire il flusso dell'olio da due ingressi a due uscite. Possono essere impiegati per azionare attuatori a doppio effetto o per invertire la rotazione di un motore idraulico.

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

PERDITE DI CARICO
PRESSURE DROP CURVE



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).

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

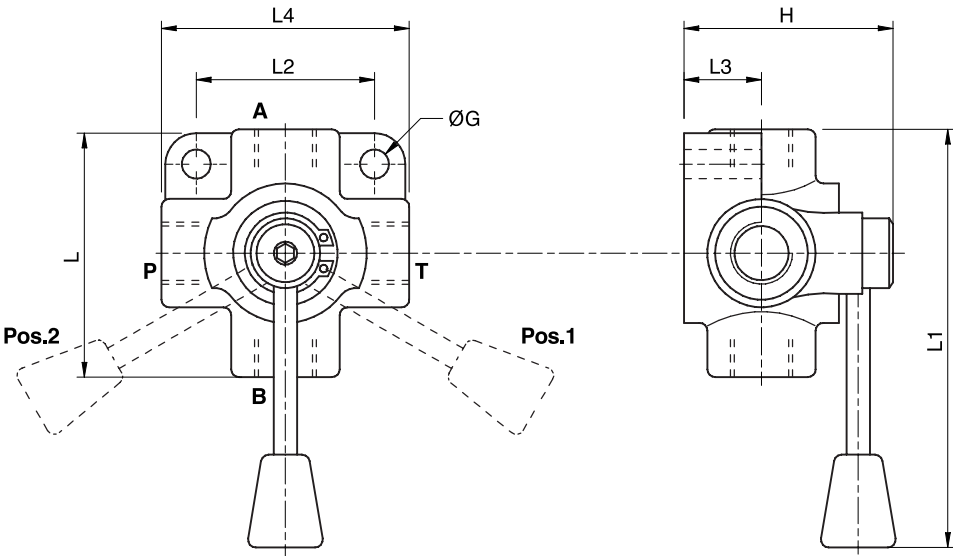
250

V0990

IF 4 VIE 3/4"

120

250



CODICE
CODE

SIGLA
TYPE

A-B
P-T
GAS

L

L1

L2

L3

L4

ØG

H

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