

Oleodinamica Marchesini V1130 RFP3 3/4 three-way priority flow control valve

Manufacturer: Oleodinamica Marchesini
Manufacturer part number / published order designation: V1130
Published model: V1130

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

Literal supplier-offered article: V1130

Series image is representative; the exact execution is defined by the factory drawing.

Factory catalogue settings are reference defaults; check the supplied calibration.

Publication date is not printed; document linked from current manufacturer product page.

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.

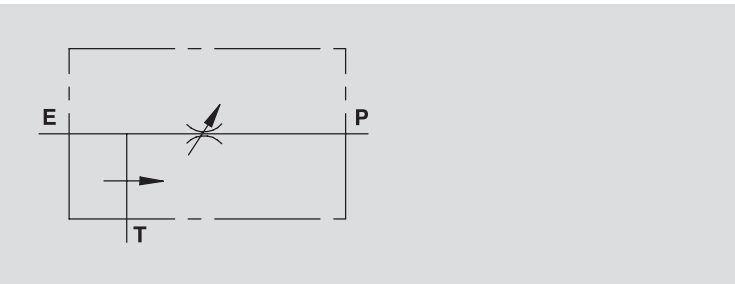
Source A: Oleodinamica Marchesini RFP3 technical datasheet

Original pages	Compiled pages	Relevant content
1	2	Complete relevant factory model table, circuit, drawing, curves, conditions and spring/adjustment options where applicable

REGOLATORI DI FLUSSO PRIORITARIO A 3 VIE
3 WAY FLOW CONTROL VALVES WITH EXCESS TO TANK



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:

Valvola che consente di mantenere costante la portata in P ad un valore stabilito, indipendentemente dalla pressione richiesta e dalla portata in entrata alla valvola. La portata in eccesso viene mandata direttamente allo scarico T (serbatoio).

MATERIALI E CARATTERISTICHE:

Corpo: acciaio zincato.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard.
Tenuta: per accoppiamento. Trafilamento minimo (poche gocce al minuto).

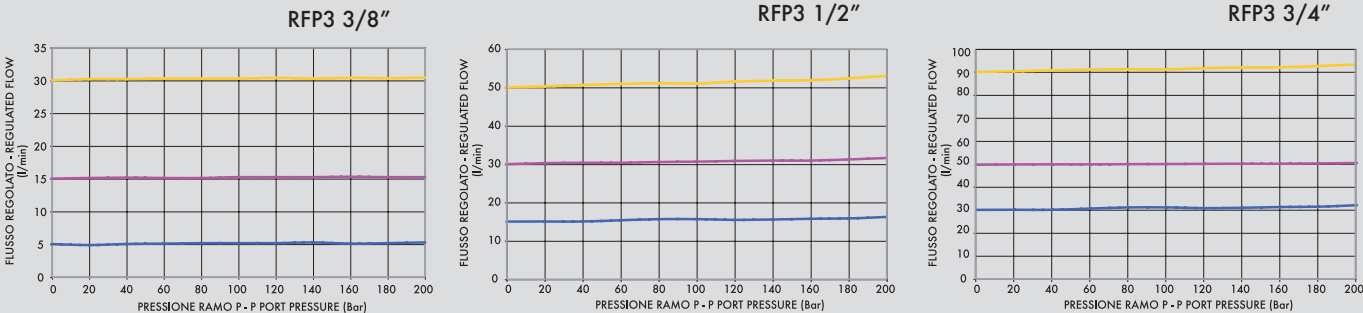
MONTAGGIO:

Collegare E all'alimentazione e P alla rete in cui si necessita la regolazione della portata. Collegare T al serbatoio. Per regolare la portata in entrata avvitare o svitare il volantino previo allentamento della ghiera di fermo.

A RICHIESTA:

Per versioni 3/8" e 1/2" pomolo a tenuta (CODICE/P).

DIAGRAMMA COMPENSAZIONE
COMPENSATION CURVE



USE AND OPERATION:

This valve enables to keep the flow to P constant to a required setting, independent of pressure or inlet flow. Excess flow is drained to T (tank).

MATERIALS AND FEATURES:

Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seal: BUNA N standard.
Load holding: matched diameters, minimal leakage (few drops per minute).

CONNECTIONS:

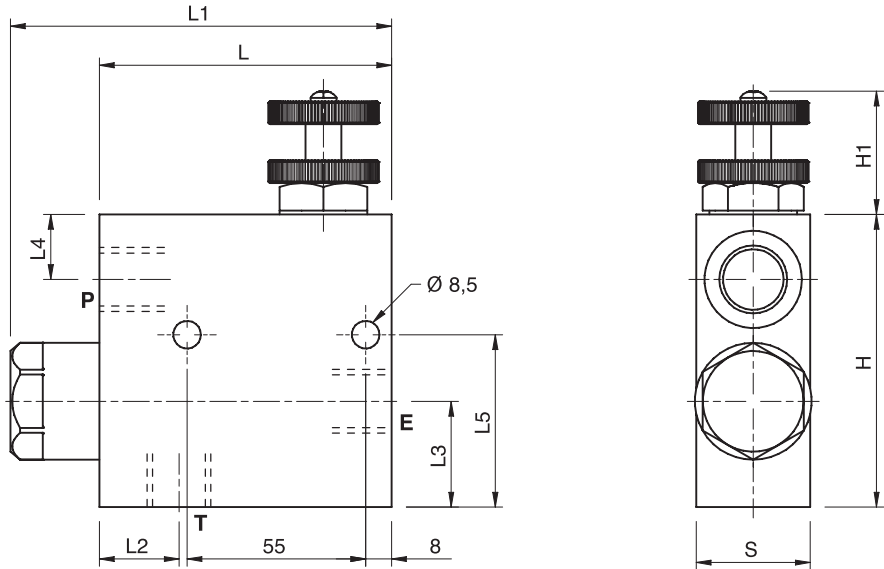
Connect E to the supply and P to the actuator or to a line of a hydraulic circuit where flow control is needed. Connect T to the tank. To adjust flow setting rotate the hand knob after loosening the locking nut.

ON REQUEST:

For 3/8" e 1/2" versions water proof adjustment knob (CODE/P).

Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50° C - Oil viscosity: 30 cSt

CODICE CODE	SIGLA TYPE	PORTATA MAX ENTRANTE MAX INLET FLOW lt. / min	PORTATA MAX REGOLATA MAX ADJUSTED FLOW lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V1110	RFP3 3/8"	60	50	350
V1120	RFP3 1/2"	80	60	350
V1130	RFP3 3/4"	120	100	350



CODICE CODE	SIGLA TYPE	E - P - T GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	H mm	H1 mm	S mm	PESO WEIGHT kg
V1110	RFP3 3/8"	G3/8"	90	118	24,5	32,5	20	53	90	40	35	2,170
V1120	RFP3 1/2"	G1/2"	90	118	25	32	20	53	90	40	35	2,096
V1130	RFP3 3/4"	G3/4"	90	122	34	36	19	62	102	40	50	3,344