

Oleodinamica Marchesini V1121/VMP RFP3 1/2 OMP/OMR C/VMP three-way pressure-compensated flow control valve

Manufacturer: Oleodinamica Marchesini
Manufacturer part number / published order designation: V1121/VMP
Published model: V1121/VMP

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

Factory prose M1/M2 versus bodydrawingE/P/T: external port-functionmap andunverifiedthread omitted; exactmotorinterface/rating confirmed.
This reference applies to the identified article; companion valve specifications do not automatically apply to accessories.
Actual selected supplier code; no order-code combinations generated.

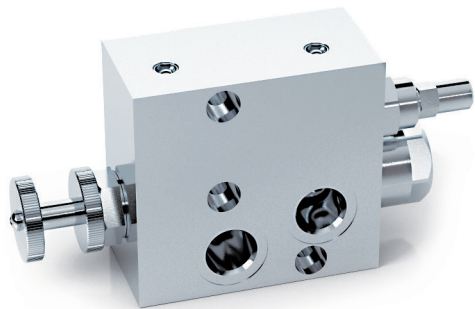
Source-page index

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 OMP/OMR/OMS VMP technical datasheet

Original pages	Compiled pages	Relevant content
1	2	Exact named article/accessory row or drawing, hydraulic function, applicable ratings and installation notes

REGOLATORI DI FLUSSO PRIORITARIO A 3 VIE
FLANGIABILI PER MOTORI DANFOSS CON VALVOLA
DI MASSIMA PRESSIONE SUL PRIORITARIO
FLOW CONTROL VALVES WITH EXCESS
TO TANK FLANGEABLE ON DANFOSS
MOTORS WITH RELIEF
VALVE ON PRIORITY LINE



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 sulla linea di ritorno (T). La valvola di massima pressione limita la pressione della linea prioritaria.

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:

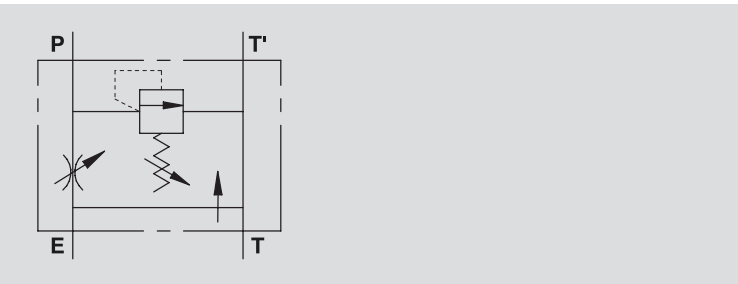
Flangiare M1 e M2 al motore, collegare le bocche P e T all'alimentazione.

A RICHIESTA:

Pomolo a tenuta (CODICE/P).

DIAGRAMMA COMPENSAZIONE
COMPENSATION CURVE

SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



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). The integrated relief valve limits the pressure to the priority line.

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 M1 and M2 to the motor and P and T to the pressure.

ON REQUEST:

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	PORTATA MAX REGOLATA MAX ADJUSTED FLOW	PRESSIONE MAX MAX PRESSURE	PESO WEIGHT kg
V1121/VMP	RFP3 1/2" OMP/OMR c/VMP	80	60	350	3,426
V1122/VMP	RFP3 1/2" OMS c/VMP	80	60	350	3,182

