

Oleodinamica Marchesini V1121 RFP3 1/2 OMP/OMR motor-mounted priority flow control valve

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

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: V1121
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

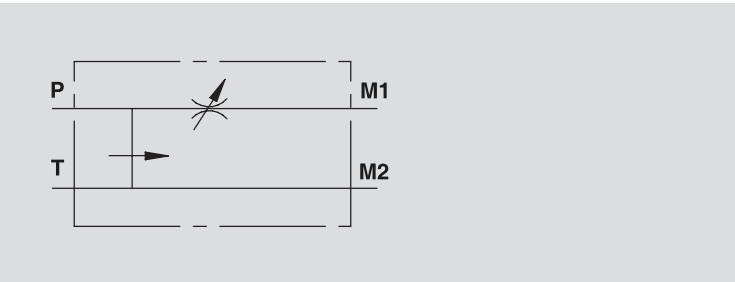
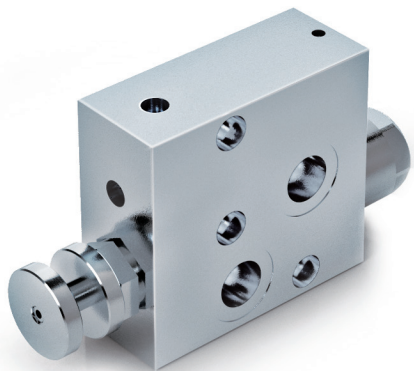
Source page numbers below are physical pages of each complete original PDF. The original printed page labels and technical content remain unchanged. Compiled page numbers count this cover/index.

Source A: Oleodinamica Marchesini RFP3 OMP/OMR 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

REGOLATORE DI FLUSSO PRIORITARIO FLANGIABILE
PER MOTORI DANFOSS OMP/OMR
FLOW CONTROL VALVE WITH EXCESS TO TANK FLANGEABLE
ON DANFOSS MOTORS OMP/OMR

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 sulla linea di ritorno (T). La flangiatura diretta, adatta per motori Danfoss della serie OMP/OMR, garantisce la massima sicurezza, minime perdite di carico e compattezza d'installazione.

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).

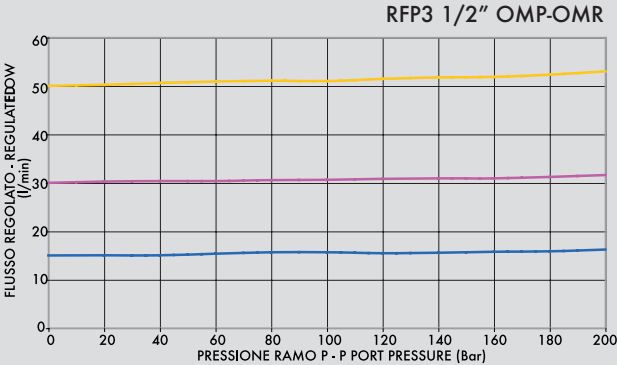
MONTAGGIO:

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



USE AND OPERATION:

This valve enables to keep "P" flow constant to a certain setting, independently of the required pressure or the inlet flow of the valve. Exceeded flow is drained directly in T (tank). Direct flange mounting for Danfoss motors type OMP-OMR and provides maximum safety, very low pressure drop and a robust installation.

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 supply.

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 Lt. / min	PORTATA MAX REGOLATA MAX ADJUSTED FLOW Lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V1121	RFP3 1/2" OMP/OMR	60	50	350

CODICE CODE	SIGLA TYPE	P . T GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	H mm	S mm	PESO WEIGHT kg
V1121	RFP3 1/2" OMP/OMR	G1/2"	100	168	50	60	29	40	18	94	40	2,746

