Oleodinamica Marchesini BS050/300 VMP NG10 CETOP 5 directional-valve subplate with pressure relief

Manufacturer: Oleodinamica Marchesini

Manufacturer part number / published order designation: BS050/300

Published model: BS050/300

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

Full code is actually offered; factory prints /000 range placeholder and separate finite spring rows. No code combination is generated. Standard catalogue preset is a reference, not a confirmed delivered setting.

Factory component maximum250bar remains separate from spring adjustment ranges reaching300bar; the higher spring endpoint does not authorize operating above250bar.

Factory lower setting limit50bar versus supplier80bar: both text-qualified, no unqualified minimum-setting scalar filter.

Actual selected supplier code; no generated ordering combinations.

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 VMP CETOP technical datasheet

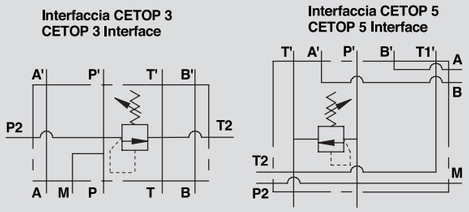
Original pages	Compiled pages	Relevant content
1	2	Exact DIN-footnoted article row or applicable BS spring table or GX material convention with size row and original diagram

VALVOLE DI MASSIMA PRESSIONE CON FLANGIATURA CETOP

CETOP SUBPLATES WITH RELIEF VALVES



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:
Valvola a flangia CETOP, utilizzata per limitare la pressione di un circuito idraulico ad un determinato valore di taratura. Al raggiungimento di tale valore la valvola si apre e scarica la pressione in modo che questa non salga oltre il valore di taratura.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato o alluminio.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard.
Tenuta: a cono guidato. Trafilamento trascurabile.

MONTAGGIO:
Collegare il ramo del circuito in pressione a P, il ramo di scarico a T, e utilizzo (cilindro o motore) su A e B; montare poi sull'interfaccia le valvole CETOP. Gli attacchi P e T sono sdoppiati per comodità di montaggio.

A RICHIESTA
- Molle per diversi campi di taratura (vedi tabella)
- Pressioni di taratura specifiche (CODICE/T000 specificando il valore di taratura)

PRESSIONE / PORTATA
PRESSURE / FLOW

USE AND OPERATION:
The relief valve with CETOP flange, provides overload protection. When it reaches pressure setting, the valve opens allowing pressure relief in order not to exceed this setting.

MATERIALS AND FEATURES:
Body: zinc-plated steel or aluminum.
Internal parts: hardened and ground steel.
Seals: BUNA N standard.
Poppet type: minor leakage.

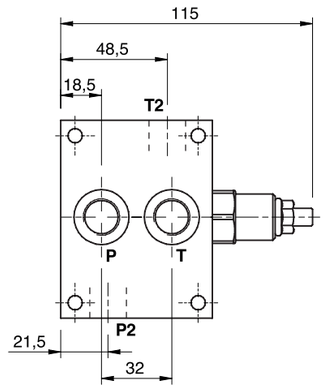
CONNECTIONS:
Connect circuit port with pressure to P and tank port to T. Port P is reversible.

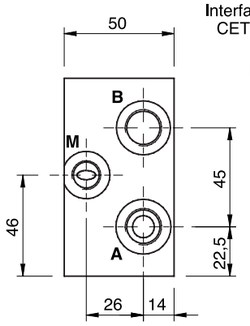
ON REQUEST
- different setting range (see the table)
- other setting available (CODE/T000 please specify the desired setting)

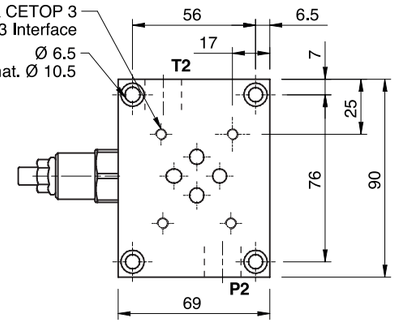
Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50° C - Oil viscosity: 30 cSt

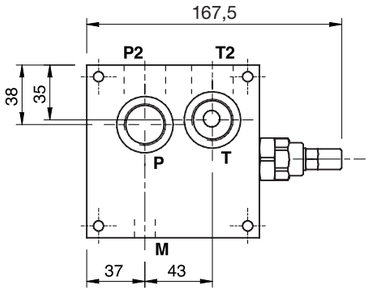
CODICE / CODE	SIGLA / TYPE	PORTATA MAX / MAX FLOW Lt	PRESSIONE MAX / MAX PRESSURE Bar
BS030/000*	VMP NG6 CETOP 3	40	250
BS050/000*	VMP NG10 CETOP 5	100	250

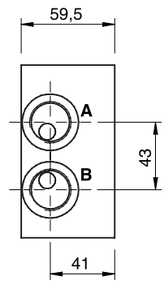
*000 = specificare valore della molla desiderata. Vedi tabella sotto.
*000 = please specify the desired setting range. See the table below.

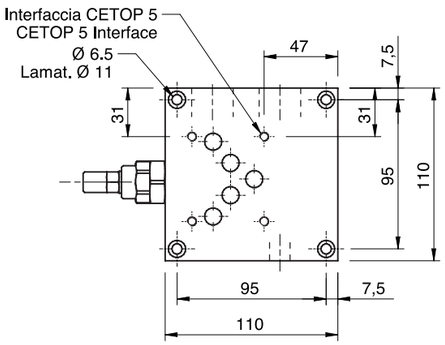












CODICE / CODE	SIGLA / TYPE	ABPT / GAS	M / GAS	MAT	PESO/ WEIGHT Kg
BS030/000*	VMP NG6 CETOP 3	G 3/8"	G 1/4"	STEEL	2,062
BS050/000*	VMP NG10 CETOP 5	G 3/4"	G 1/4"	ALU	1,891

REGOLAZIONE - ADJUSTEMENT

CODICE/V • CODE/V	Volantino • Handknob
CODICE/PP • CODE/PP	Predisposizione alla piombatura • Arranged for sealing cap
CODICE/P • CODE/P	Piombatura • Sealing cap

MOLLE - SPRINGS (BS030)

Campo di taratura / Setting range (bar)	Incremento bar per giro / Pressure increase (bar/turn) Q= 4l/min	Taratura standard / Standard setting (bar)
10 - 70	7	30
20 - 220	45	130
80 - 300	50	150

MOLLE - SPRINGS (BS050)

Campo di taratura / Setting range (bar)	Incremento bar per giro / Pressure increase (bar/turn) Q= 4l/min	Taratura standard / Standard setting (bar)
10 - 120	12	75
50 - 300	50	150