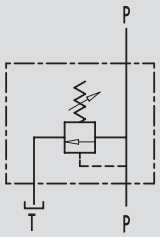
# VALVOLE DI MASSIMA PRESSIONE



TIPO / TYPE
**VMP**

SCHEMA IDRAULICO
HYDRAULIC DIAGRAM




# RELIEF VALVES

**IMPIEGO:**
Valvola 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
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 e il ramo di scarico a T. L'attacco P è reversibile.

**A RICHIESTA**
- molle per diversi campi di taratura (vedi tabella)
- pressioni di taratura specifiche (CODICE/T000 specificando il valore di taratura)

**USE AND OPERATION:**
The relief valve provides overload protection in a fast and accurate way: when it reaches pressure setting, the valve opens allowing pressure relief in order not to exceed this setting.

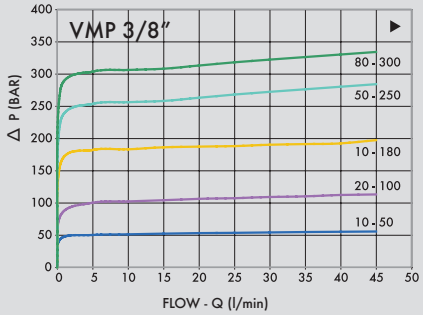
**MATERIALS AND FEATURES:**
Body: zinc-plated steel.
Internal parts: hardened and ground steel
Seals: BUNA N standard
Poppet type: minor leakage

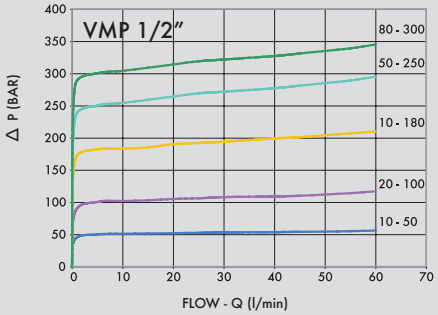
**APPLICATIONS:**
Connect circuit port with pressure to P and tank port to T. Port P is reversible.

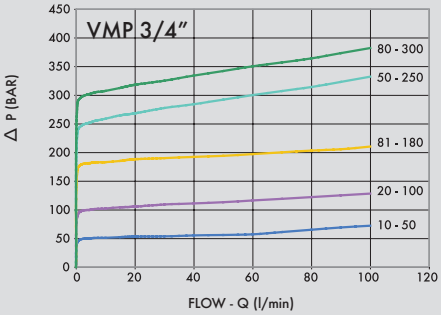
**ON REQUEST**
- different setting range (see the table)
- other setting available (CODE/T000 please specify the desired setting)

PRESSIONE / PORTATA
PRESSURE / FLOW

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

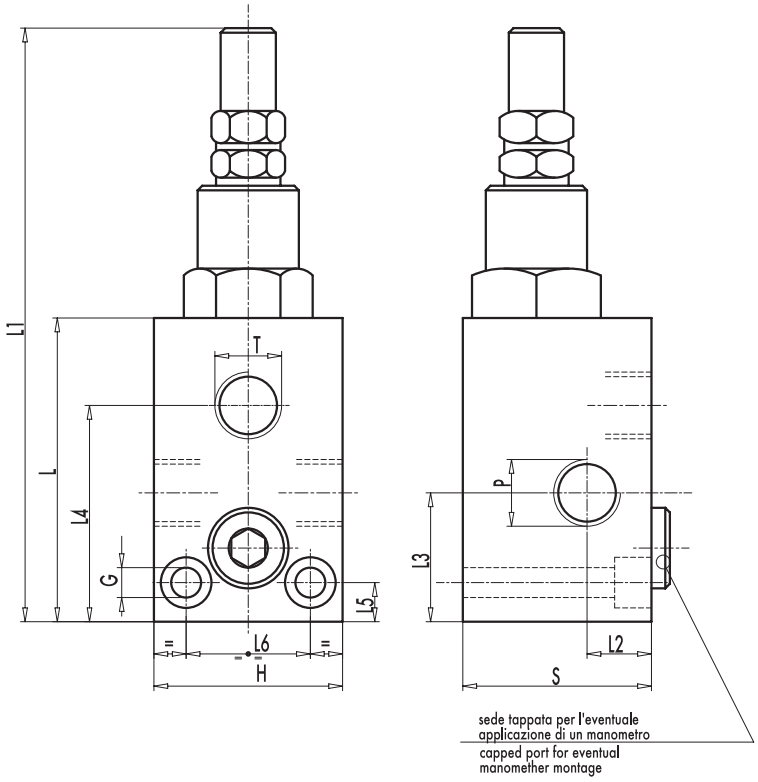


| CODICE<br>CODE | SIGLA<br>TYPE | PORTATA MAX<br>MAX FLOW<br>Lt. / min |
|---|---|---|
| **V0700** | VMP 3/8" | 45 |
| **V0710** | VMP 1/2" | 70 |
| **V0720** | VMP 3/4" | 90 |






| CODICE<br>CODE | SIGLA<br>TYPE | P - T<br>GAS | L<br>mm | L1<br>mm | L2<br>mm | L3<br>mm | L4<br>mm | L5<br>mm | L6<br>mm | G<br>mm | H<br>mm | S<br>mm | PESO<br>WEIGHT<br>kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **V0700** | VMP 3/8" | G 3/8" | 72 | 134 | 15 | 26 | 49,5 | 8,5 | 26 | 6,5 | 40 | 40 | 0,824 |
| **V0710** | VMP 1/2" | G 1/2" | 77 | 139 | 17,5 | 29,5 | 54 | 8,5 | 30 | 6,5 | 45 | 45 | 1,058 |
| **V0720** | VMP 3/4" | G 3/4" | 92 | 154 | 17,5 | 35 | 68 | 10 | 32 | 8,5 | 50 | 50 | 1,470 |

## MOLLE - SPRINGS

| campo di taratura<br>Setting range (bar) | Incremento bar per riga<br>Pressure increase (bar/turn)<br>Q= 4l/min | Taratura standard<br>Standard setting<br>(bar) |
|---|---|---|
| 10 - 50* | 7 | 30 |
| 20 - 100 | 12 | 75 |
| 10 - 180 standard | 30 | 90 |
| 50 - 250 | 45 | 130 |
| 80 - 300 | 50 | 150 |

## REGOLAZIONE - ADJUSTEMENT

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

*** Per tarature inferiori a 70 Bar: Q = 12l/min** * For setting less than 70 Bar: Q = 12 l/min