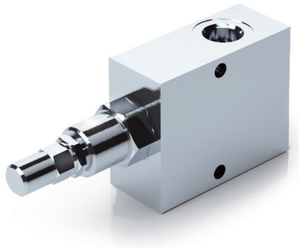
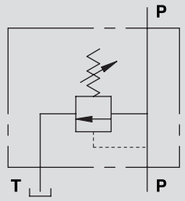
# VALVOLE DI MASSIMA PRESSIONE IN LINEA
## IN LINE MOUNTING RELIEF VALVES



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM




| CODICE<br>CODE | SIGLA<br>TYPE | PORTATA MAX<br>MAX FLOW<br>Lt. / min | PRESSIONE MAX<br>MAX PRESSURE<br>Bar |
|---|---|---|---|
| **V0688/000*** | VMP L D5 1/4" | 30 | 350 |
| **V0691/000*** | VMP L D5 3/8" | 45 | 350 |
| **V0692/000*** | VMP L D5 1/2" | 70 | 350 |
| **V0693/000*** | VMP L D5 3/4" | 90 | 350 |

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

**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)
• pressione di taratura diversa da quella standard (CODICE/T000 specificando il valore di taratura)

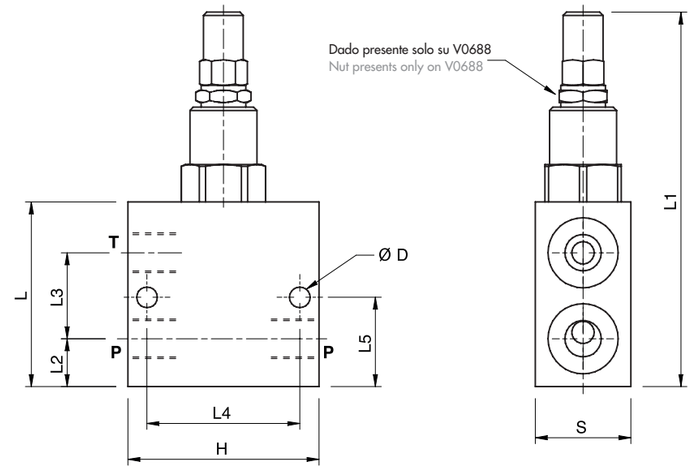
**USE AND OPERATION:**
The relief valve limits the maximum pressure in a circuit to the valve's setting.
When the circuit pressure reaches the setting, the valve opens and stops the circuit pressure going any higher.

**MATERIALS AND FEATURES:**
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seals: BUNA N standard.
Leakage: Guided poppet - negligible leakage.

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

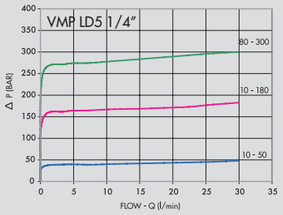
**ON REQUEST**
• different setting range (see the table)
• other setting available (CODE/T000 please specify the desired setting)

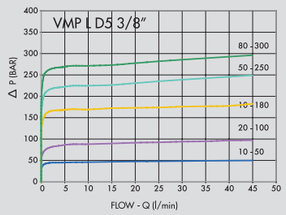
Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50° C - Oil viscosity: 30 cSt

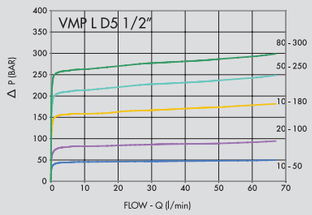


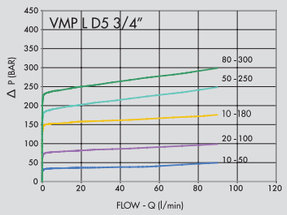

| CODICE<br>CODE | SIGLA<br>TYPE | P - T<br>GAS | ØD<br>mm | L<br>mm | L1<br>mm | L2<br>mm | L3<br>mm | L4<br>mm | L5<br>mm | H<br>mm | S<br>mm | PESO<br>WEIGHT<br>kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **V0688/000*** | VMP L D5 1/4" | G 1/4" | 6,5 | 58 | 112 | 15 | 27 | 48 | 28 | 60 | 30 | 0,940 |
| **V0691/000*** | VMP L D5 3/8" | G 3/8" | 6,5 | 72 | 126 | 24 | 31 | 48 | 40 | 60 | 30 | 0,922 |
| **V0692/000*** | VMP L D5 1/2" | G 1/2" | 6,5 | 72 | 126 | 22 | 35 | 48 | 40 | 60 | 30 | 0,870 |
| **V0693/000*** | VMP L D5 3/4" | G 3/4" | 8,5 | 100 | 154 | 32 | 44 | 54 | 54 | 70 | 40 | 1,812 |

PRESSIONE / PORTATA
PRESSURE / FLOW




**MOLLE - SPRINGS**

| campo di taratura<br>Setting range (bar) | Incremento bar per giro<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/P | Piombatura • Sealing cap |

* Per tarature inferiori a 70 Bar: Q = 12l/min  * For setting less than 70 Bar: Q = 12 l/min
** **Per V0688 disponibili solo versioni 10-15 / 10-190 / 80-300**  ** For V0688 available only versions 10-15 / 10-190 / 80-300