

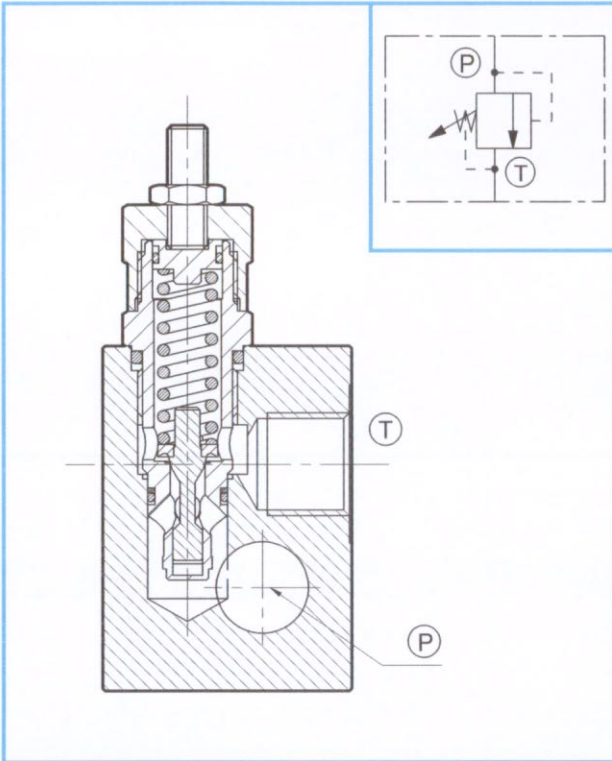
# VPDB1

## VALVOLA REGOLATRICE DI PRESSIONE DIRETTA IN LINEA IN LINE LIMITER PRESSURE VALVE, DIRECT ACTING POPPET DRUCKBEGRENZUNGSVENTIL LEITUNGSEINBAU

La valvola permette il passaggio d'olio da P in T solo quando la pressione presente in P supera la forza della molla, tarata tramite l'avvitamento della vite di regolazione.

The valve opens flow passage from port P to T only when the pressure applied at P exceeds the spring strength. The spring adjustment is an hexagonal allen head type.

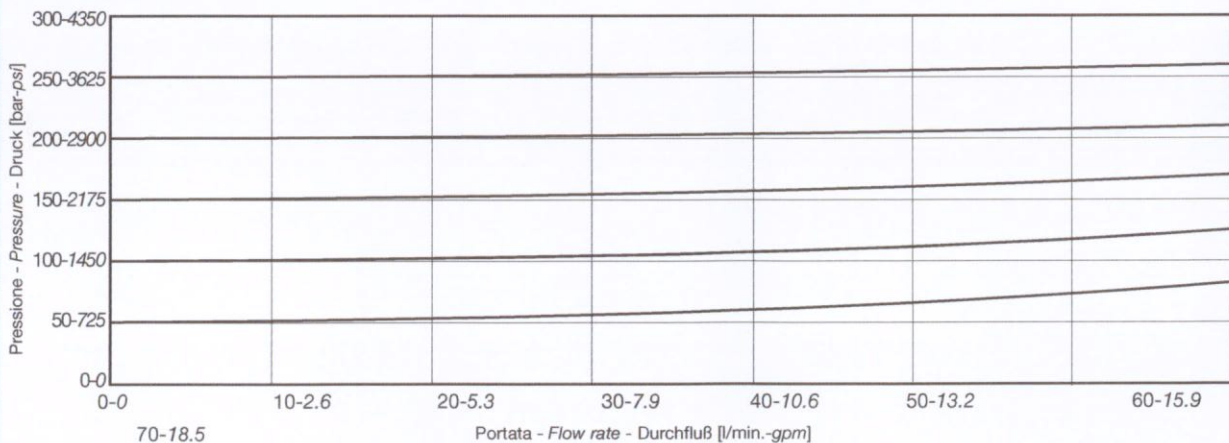
Dieses Ventil ermöglicht den Öldruckfluß von P nach T nur, wenn der Druck in P die Kraft der Feder überwindet, die beim Anschrauben der Justierschraube eingestellt worden ist.



### DATI TECNICI TECHNICAL DATA TECHNISCHE ANGABEN

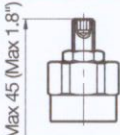

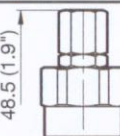

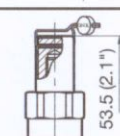
Pressione Max di funzionamento Max operating pressure Maximaler Betriebsdruck	<b>250 (3646) bar (psi)</b>
Portata massima all'ingresso Maximum flow to the inlet Max Eingangsdurchfluß	<b>70 (18.5) l/min (gpm)</b>
Temperature di esercizio Operating temperature Betriebstemperatur	<b>-20 /+90 °C</b>
Cavità Cavity Aufnahmebohrung	<b>CVSB1201</b>
Trafile interne Internal leakage Innere Leckage	<b>3 cc/min. (200 bar; 50° C; 21 cSt)</b>
Isteresi Reset pressure Hysterese	<b>90%</b>

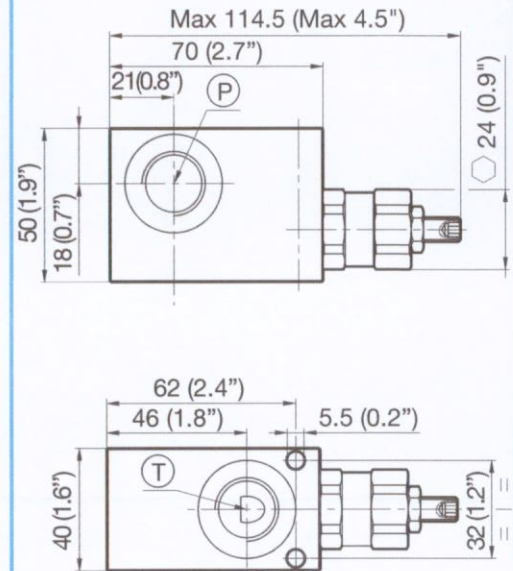
### PRESTAZIONI PERFORMANCE LEISTUNG



Parametri di prova / Testing parameters / Prüfparameter: 50°C - 21 cSt

**TIPO DI REGOLAZIONE  
REGULATION TYPE  
REGELUNGSTYP**

Regolazione a vite con chiave esagonale <i>With hexagonal allen head</i> Schraubeneinstellung mit Sechskantschlüssel	 Max 45 (Max 1.8")	<b>R</b>
Regolazione con volantino <i>With handwheel</i> Handradeinstellung	 Max 45 (Max 1.8")	<b>V</b>
Regolazione fissa con cappuccio <i>Set-adjustment, with cover cap</i> Feste Einstellung mit Kappe	 48.5 (1.9")	<b>C</b>
Regolazione inviolabile <i>Factory pre-set, non adjustable</i> Unveränderliche Einstellung	 47 (1.9")	<b>P</b>
Piombata <i>Leaded</i> Plombiert	 53.5 (2.1")	<b>F</b>



**COPPIA / TORQUE / ANZUGSMOMENT**

G 3/8" = 35-25.8 [Nm-lbft] +/- 5%  
G 1/2" = 70-51.6 [Nm-lbft] +/- 5%  
M18 x 1.5 = 40-29.5 [Nm-lbft] +/- 5%  
M22x1.5 ISO 6149 = 55-40.5 [Nm-lbft] +/- 5%

**PESO / WEIGHT / GEWICHT**  
0.45 Kg / 1 lb

**ISTRUZIONE PER L'ORDINAZIONE • ORDERING INSTRUCTIONS • BESTELLEANLEITUNG**

**VPDB1**    \_    \_    \_    \_    \_

Cod. valvola  
Valve code  
Ventil -  
Bestellnummer

Tipo di regolazione  
Regulation type  
Regelungstyp

<b>R</b>	Grano / Grain / Sechskant
<b>V</b>	Volantino / Handwheel / Handradeinstellung
<b>C</b>	Cappuccio / Cap / Kappe
<b>P</b>	Inviolabile / Non adjustable / Unveränderlich
<b>F</b>	Piombata / Leaded / Plombiert

Tipo di guarnizione  
Seal type  
Dichtungstyp

**N** | NBR  
**V** | VITON

Campo di regolazione  
Adjustment range  
Regelbereich

**X** | 10-70 bar  
**Y** | 80-150 bar  
**Z** | 160-250 bar

Taratura (esempio)  
Setting (example)  
Druckeinstellung  
(Beispiel)

**180** | 180 bar

Filettature  
Threads  
Gewinde

<b>G38</b>	G 3/8"
<b>G12</b>	G 1/2"
<b>M18</b>	M18 x 1.5
<b>B22</b>	M22x1.5 ISO 6149