

# VCRB1

## VALVOLE DI MASSIMA PRESSIONE INCROCIATE CROSS RELIEF VALVE SEKUNDÄRDRUCKABSICHERUNG (SCHOCKVENTIL)

La valvola permette il controllo della pressione delle linee A e B.

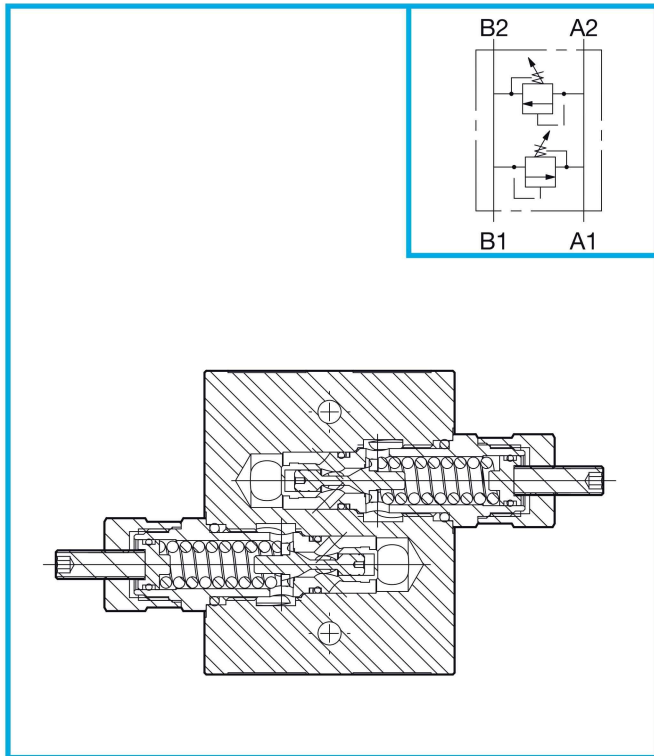
Al raggiungere della pressione di taratura, la cartuccia PCDB1220 scarica la portata nel ramo opposto.

The valve permits to control pressure into A and B lines.

When the pressure exceeds the spring strenght, PCDB1220 cartridge opens flow passage to the opposite rail.

Das Ventil erlaubt die Kontrolle des Druckes in den Leitungen A und B.

Sobald der eingestellte Druck erreicht ist, wird der über diesen Wert hinausgehende Druck über die entgegengesetzte Leitung entlastet.

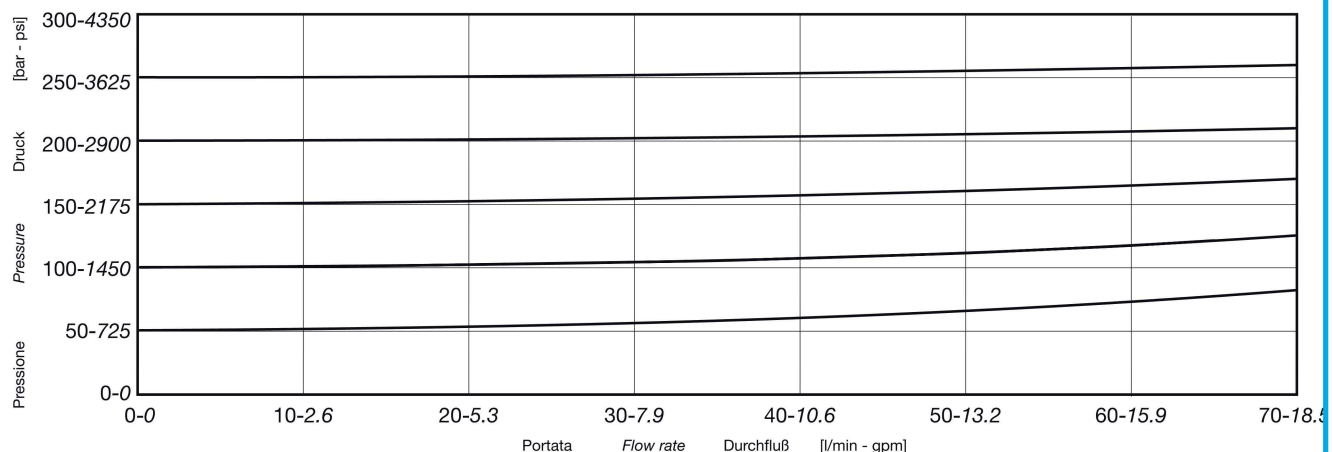


### DATI TECNICI TECHNICAL DATA TECHNISCHE ANGABEN

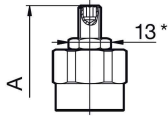
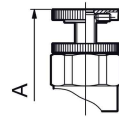
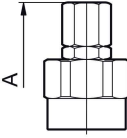
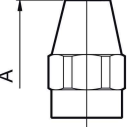
Pressione Max di funzionamento Max operating pressure Maximaler Betriebsdruck	<b>250 (3625) bar (psi)</b>
Portata nominale Nominal flow Volumenstrom	<b>70 (18.5) l/min (gpm)</b>
Temperatura di utilizzo Operating temperature Betriebstemperatur	<b>-20°C + 85°C NBR seals (max peak +100°C) -20°C + 130°C HNBR seals</b>
Cavità Cavity Aufnahmebohrung	<b>CVSB1201</b>
Trafile (80% della taratura) Leakage (80% setting) Leckage (80% der Einstellung)	<b>0.3 cc/min (50° C; 21 cSt; 200 bar)</b>
Isteresi Reset pressure Schließdruck	<b>10%</b>

### PRESTAZIONI PERFORMANCE LEISTUNG

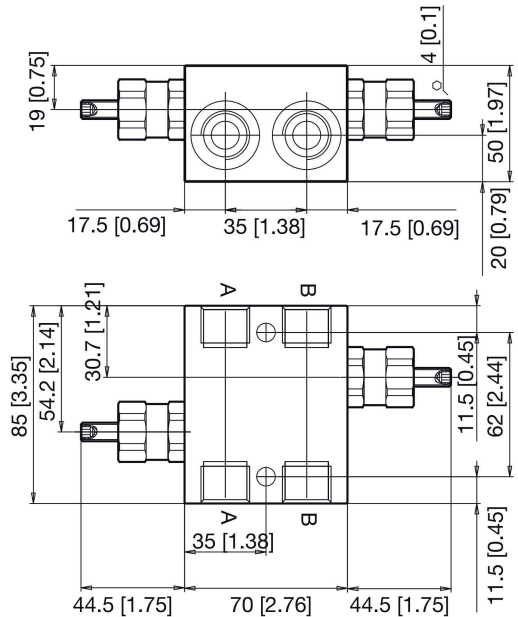
Parametri di prova  
Testing parameters  
Prüfparameter  
50°C  
21 cSt



**TIPO DI REGOLAZIONE  
REGULATION TYPE  
VERSTELLUNG**

<p>Regolazione a vite con chiave esagonale <i>With hexagonal allen head</i> Schraubeneinstellung mit Sechskantschlüssel A max = 45.5 [1.8]</p>		<b>R</b>
<p>Regolazione con volantino <i>With handwheel</i> Handradeinstellung A max = 45.5 [1.8]</p>		<b>V</b>
<p>Regolazione fissa con cappuccio <i>Set-adjustment, with cover cap</i> Feste Einstellung mit Kappe A max = 50.5 [2]</p>		<b>C</b>
<p>Regolazione inviolabile <i>Factory pre-set, non adjustable</i> Unveränderliche Einstellung A max = 55 [2.2]</p>		<b>P</b>

\* Chiave esagonale  
\* Hex head  
\* Sechskantschlüssel



**COPPIA  
TORQUE  
ANZUGSMOMENT**

G 3/8" = 35-25.8 [Nm-lbft] +/- 5%  
G 1/2" = 70-51.6 [Nm-lbft] +/- 5%

**PESO  
WEIGHT  
GEWICHT**

1 kg / 2.2 lb

**ISTRUZIONI PER L'ORDINAZIONE**

**ORDERING INSTRUCTIONS**

**BESTELLEANLEITUNG**

**VCRB1**

Codice valvola  
*Valve code*  
Ventil-  
Bestellnummer

Tipo di regolazione  
*Regulation type*  
Verstellung

**R** Grano  
*Grain*  
Sechskant  
**V** Volantino  
*Handwheel*  
Handradeinstellung  
**C** Cappuccio  
*Cap*  
Kappe  
**P** Inviolabile  
*Non adjustable*  
Unveränderlich

Tipo di guarnizione  
*Seal type*  
Dichtungstyp

**N** NBR  
**H** HNBR

Campo di regolazione  
*Adjustment range*  
Regelbereich

**08** 10-80 bar  
**14** 80-140 bar  
**19** 140-190 bar  
**35** 190-350 bar

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

**180** 180 bar

Filettature  
*Threads*  
Gewinde

**G38** G 3/8"  
**G12** G 1/2"