GRIEGER

Hydraulik

Hydraulics

Zwischenplatten-Rückschlagventile, entsperrbar

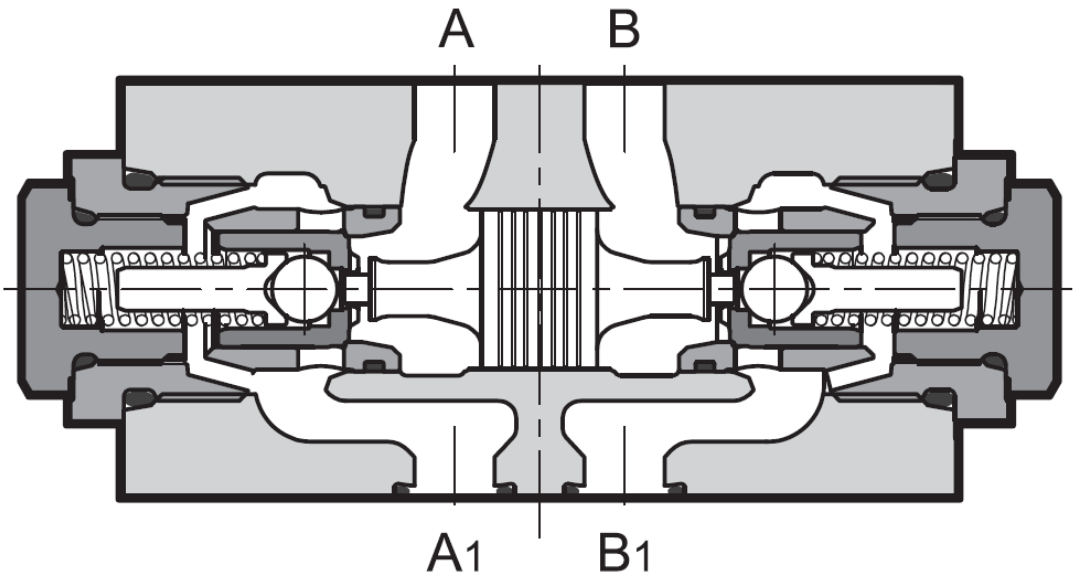
Modular Check Valves, pilot operated

NG 10

Ausgabe
Version 06.11

Bestnr.
Order codes 101 020 ...

5.7.1.2



1. 320 bar-Version
2. bis zu 120 l/min
3. Sitzventil
4. Dekompressions-verhältnis 14,9:1
5. Flächenverhältnis 2,3:1
6. 2 bar-Rückschlagventile
7. Standardhöhe 50mm

1. 320 bar version
2. up to 120 l/min
3. seat valve
4. decompression ratio 14.9:1
5. area ratio 5.8:1
6. 2 bar check valves
7. standard height 50 mm

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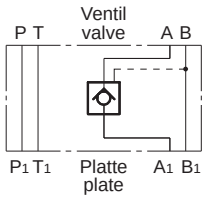
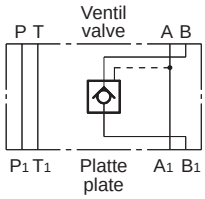
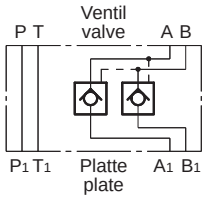
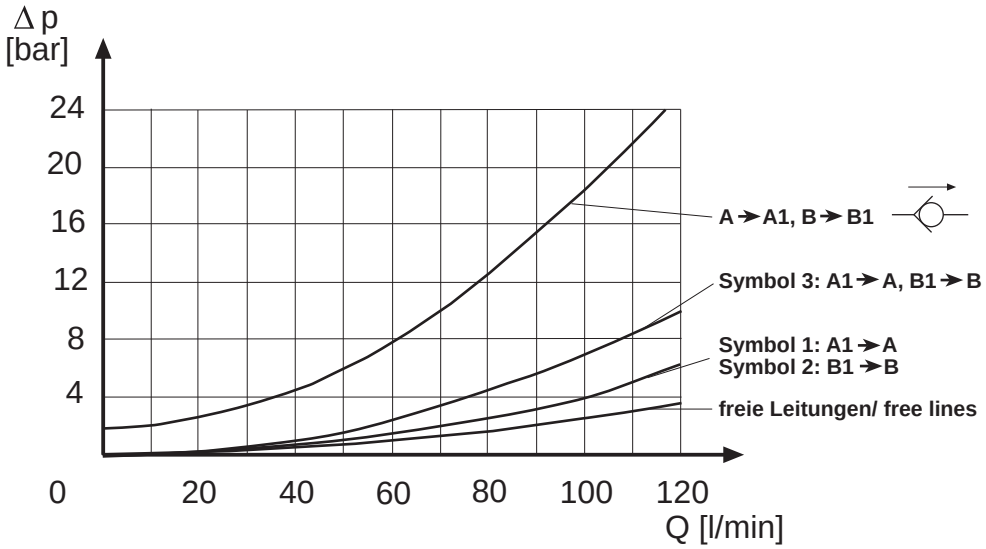
Typen, Bestellnummern
Types, order codes

Bestellnr. / Order code 101 020 ...

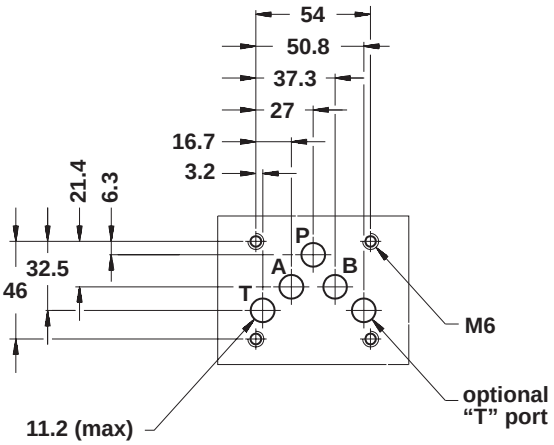
Nr.	Symbol	NBR	FPM
1		**007**	**010**
2		**008**	**011**
3		**009**	**012**

Kenngrößen	Specifications	
Allgemein	**General**	
Sitzventil	Seat valve	
Plattenanschluss	Subplate mounted	NG 10 - ISO 4401 / CETOP 05
Umgebungstemperatur	Ambient temperature	-20 ºC to +50 ºC
Gewicht:	Weight:	
Symbol 1, 2 Symbol 3	Symbol 1, 2 Symbol 3	1.9 kg 2.2 kg
Hydraulisch	**Hydraulic**	
für Hydrauliköle auf Mineralölbasis Type HL oder HM nach (andere Medien auf Anfrage)	for mineral oil based hydraulic fluids HL or HM type according to (other fluids on request)	ISO 6743-4
Viskositätsbereich	Viscosity range	10 - 400 cSt
empfohlene Viskosität	recommended viscosity	25 cSt
Zulässige Ölverschmutzungsklasse	Fluid contamination degree	ISO 4406: 1999, Klasse / class 20/18/15
NBR-Dichtungen Standart FPM-Dichtungen auf Anfrage	NBR seals standard FPM seals on request	
Druckmitteltemperaturbereich	Fluid temperature range	-20 ºC to +80 ºC
Betriebsdruck	Operating pressure	max. 320 bar
Nenndurchfluss siehe S. 6	Rated flow see page 6	
Maximaler Durchfluss Ventil	Maximum flow valve	120 l/min
Max. Durchfluss freie Leitungen	Max. flow free lines	120 l/min
Dekompressionsverhältnis	decompression ratio	14.9:1
Flächenverhältnis	Area ratio	2.3:1
Öffnungsdruck des Rückschlagventils	Check valve cracking pressure	2 bar

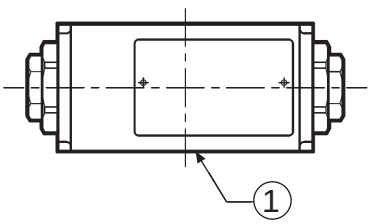
∆p/Q-Kennlinien
∆p/Q Curves

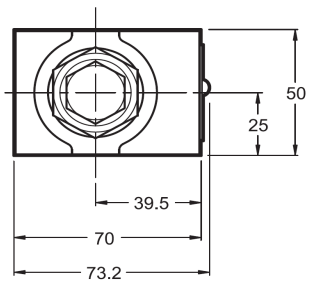


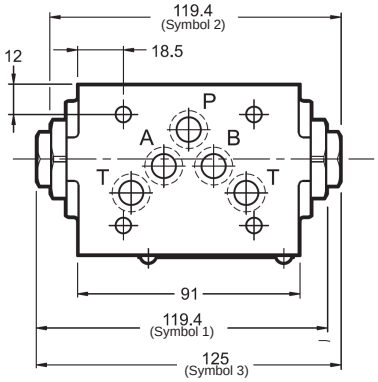
Lochbild
Mounting interface
CETOP 4.2-4-05-320
ISO/CD 4401-05



Abmessungen
Dimensions







alle Maßangaben in mm
all dimensions are in mm

1	Befestigungsflansch mit O-Ringen Mounting surface with O-rings

Ersatzteile
Spare parts

Bestellnr. / Order code 101 022 ...

Dichtungssatz NBR Seal Kit NBR	5 x O-Ring 2050 - 90 shore	**005**
Dichtungssatz FPM/Viton Seal Kit FPM/Viton	5 x O-Ring 2050 - 90 shore	**006**

GRIEGER

Hydraulik
Hydraulics

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Hydraulik Produktpalette

- Wegeventile NG 6, 10, 16, 25, 32
- Proportionalventile NG 6, 10, 16, 25
- Verstärker für Proportionalventile
- Modularventile NG 6, 10, 16
- Druckventile NG 6, 10, 16, 25 und Rohrleitungseinbau
- DIN-Einbauventile NG 10, 16, 25,32, 40, 50, 63
- Anschlussplatten NG 6, 10, 16, 25, 32
- Axialkolbenpumpen 29-88 cm^3/U
- Zahnradpumpen Größe 2, 4-22.5 cm^3/U
- Kugelhähne
- Drosselventile
- Rückschlagventile
- Filter
- Steuerblöcke, Standard und kundenspezifisch

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Hydraulic product range

- Directional control valves NG 6, 10, 16, 25, 32
- Proportional valves NG 6, 10, 16, 25
- Amplifiers for proportional valves
- Modular valves NG 6, 10, 16
- Pressure valves NG 6, 10, 16, 25 and inline mounting
- DIN cartridge valves NG 10, 16, 25, 32, 40, 50, 63
- Subplates NG 6, 10, 16, 25, 32
- Axial piston pumps 29-88 ccm/rev
- Gear pumps size 2, 4-22.5 ccm/rev
- Ball valves
- Needle valves
- Check valves
- Filters
- Manifolds, standard and customized

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Your authorized distributor