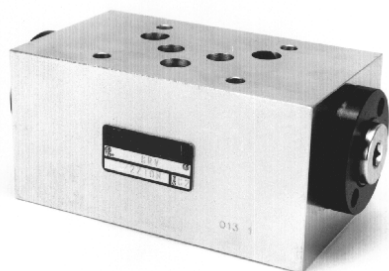


Intermediate plates with pilot-operated double check valve type GRV (size 10)

operating pressure p_{\max} 350 bar
 volume flow V_{\max} 60 L/min



Product characteristics

Check valves belong to the group of stop valves. They block the oil flow in one direction while enabling it in the other direction. When closed, they are leakage-free tight.

The hydraulically unlockable double check valve type GRV blocks the flow of the hydraulic fluid in one or both directions.

Features and benefits:

- simple acting or double acting
- check valve in line A, in line B or in line A and B
- adapted for mounting on hydraulic power units type H6

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Technical data

General

type	seated valve
design	intermediate plate valve
weight	3.7 kg
ambient temperature	-30 to +50 °C
mounting position	arbitrary
connection size	ISO 4401-05-04-0-05 (NG10)

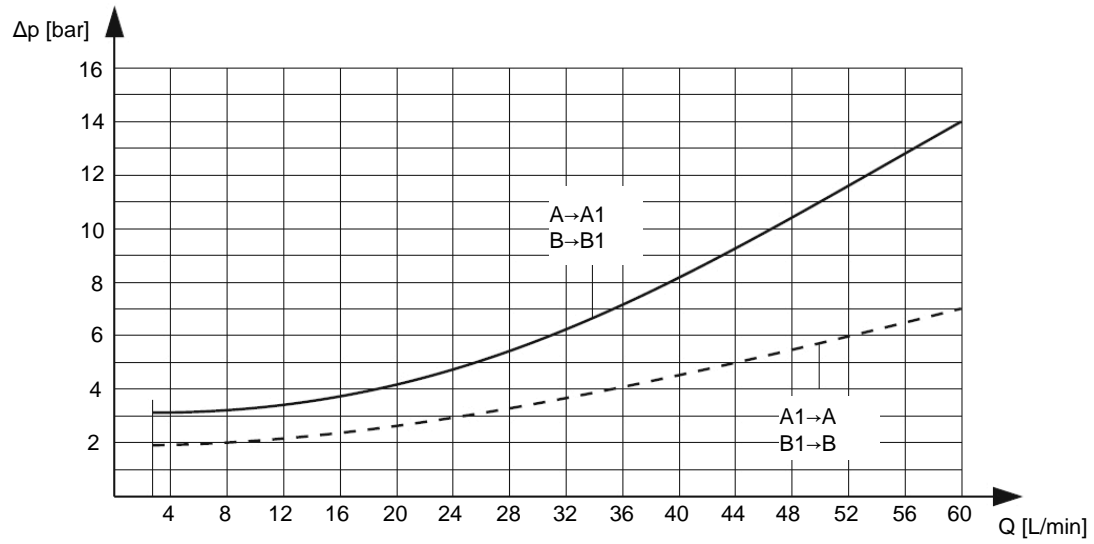
Hydraulic parameters

Hydraulic fluid: mineral oil according to DIN 51524, other media on request

max. operating pressure	350 bar
max. volume flow	60 L/min
hydraulic fluid temperature	-25 to +70 °C
viscosity	10-600 mm ² /s
permissible degree of pollution	max. class 22/19/16 according ISO 4406
filter recommendation	filter retention rate $\beta_{25} > 75$
progression ratio	1 : 5
opening pressure	min. 1 bar

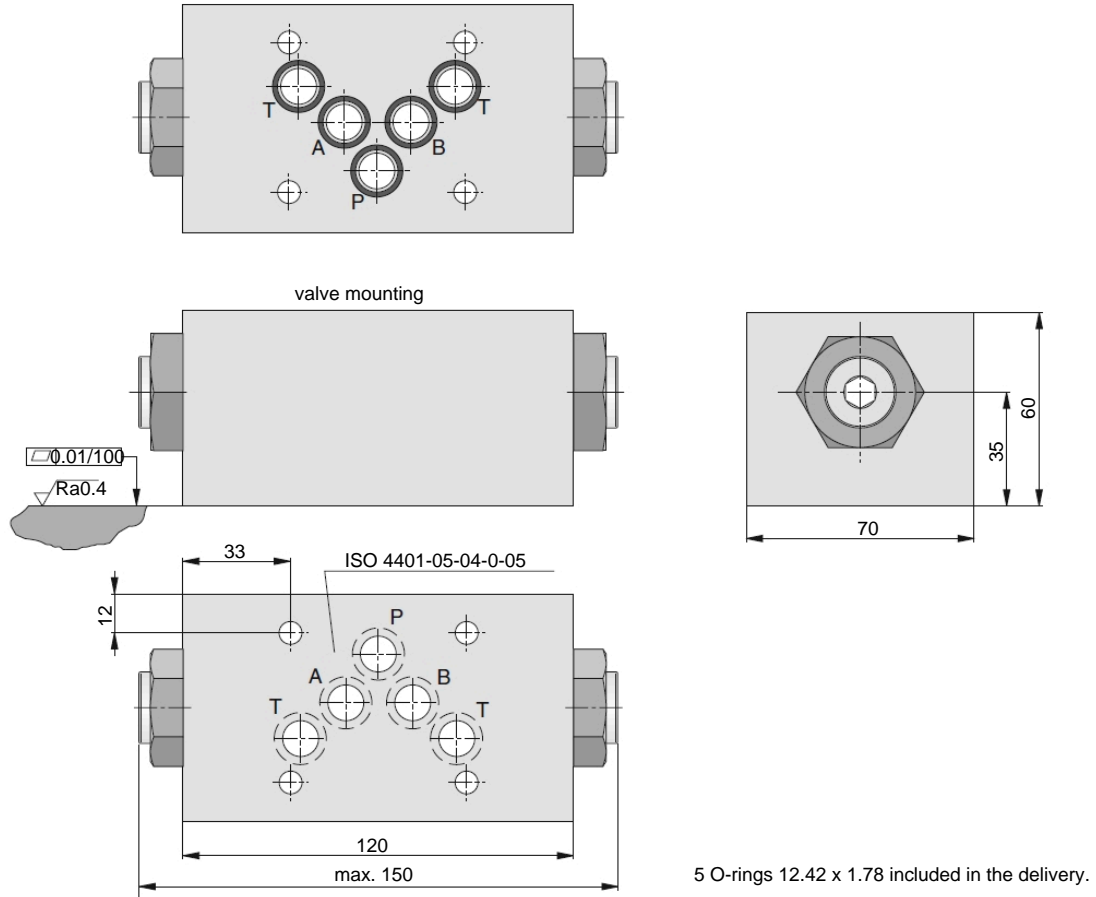
Characteristic lines

measured at +50 °C temperature of hydraulic fluid, viscosity 35 mm²/s, tolerance ±5 %



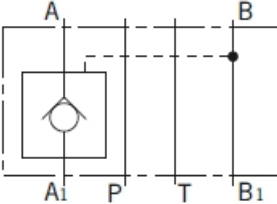
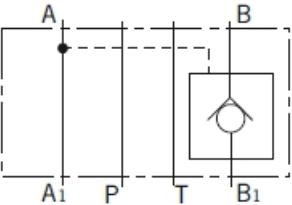
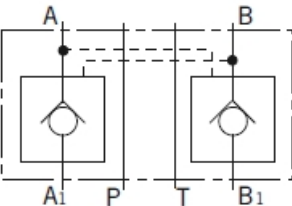
Dimensions and connections

Dimensions are given in mm.



Order information

Type code

GRV	2	Z10	N	C
			control in line	<p>A check valve in line A</p>  <p>B check valve in line B</p>  <p>C check valve in line A and B</p> 
			design	N standard type
		size	10	
	number of check valves	1	single acting (only type A or B)	
		2	double acting (only type C)	
type	pilot-operated double check valve			

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