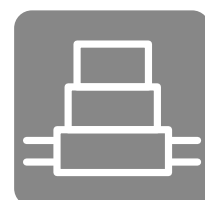
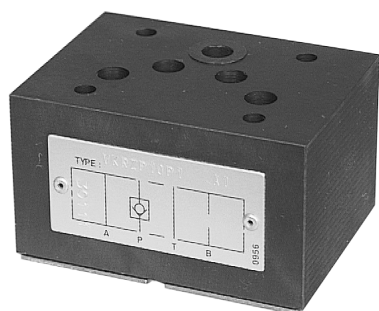


Intermediate plates with check valve type VKR (size 10)

operating pressure p_{\max}	250 bar
volume flow V_{\max}	80 L/min



Product characteristics

Check valves are a type of non-return valve. They block the oil flow in one direction and open in the opposite direction. In the closed state they have zero leakage.

Features and benefits:

- sandwich design allows the linking to other elements of the same size
- change of the closing direction by turning the valve by 180°
- adapted for mounting to the modular compact power packs type H6
- check valve optionally in:
 - line A
 - line B
 - line P
 - line T

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Technical data

General

type	seated valve, spring-loaded
design	intermediate plate valve
weight	2.1 kg
ambient temperature	-30 to +50 °C
mounting position	arbitrary
connection size	ISO4401-05-04-0-05 (NG10)

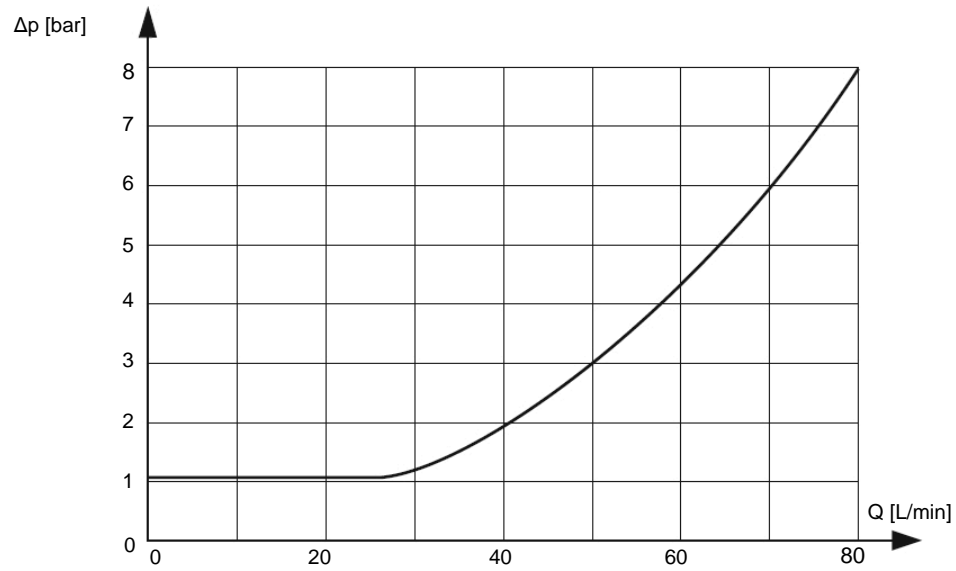
Hydraulic parameters

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

max. operating pressure	250 bar
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 $\beta_{25} > 75$

Characteristic lines

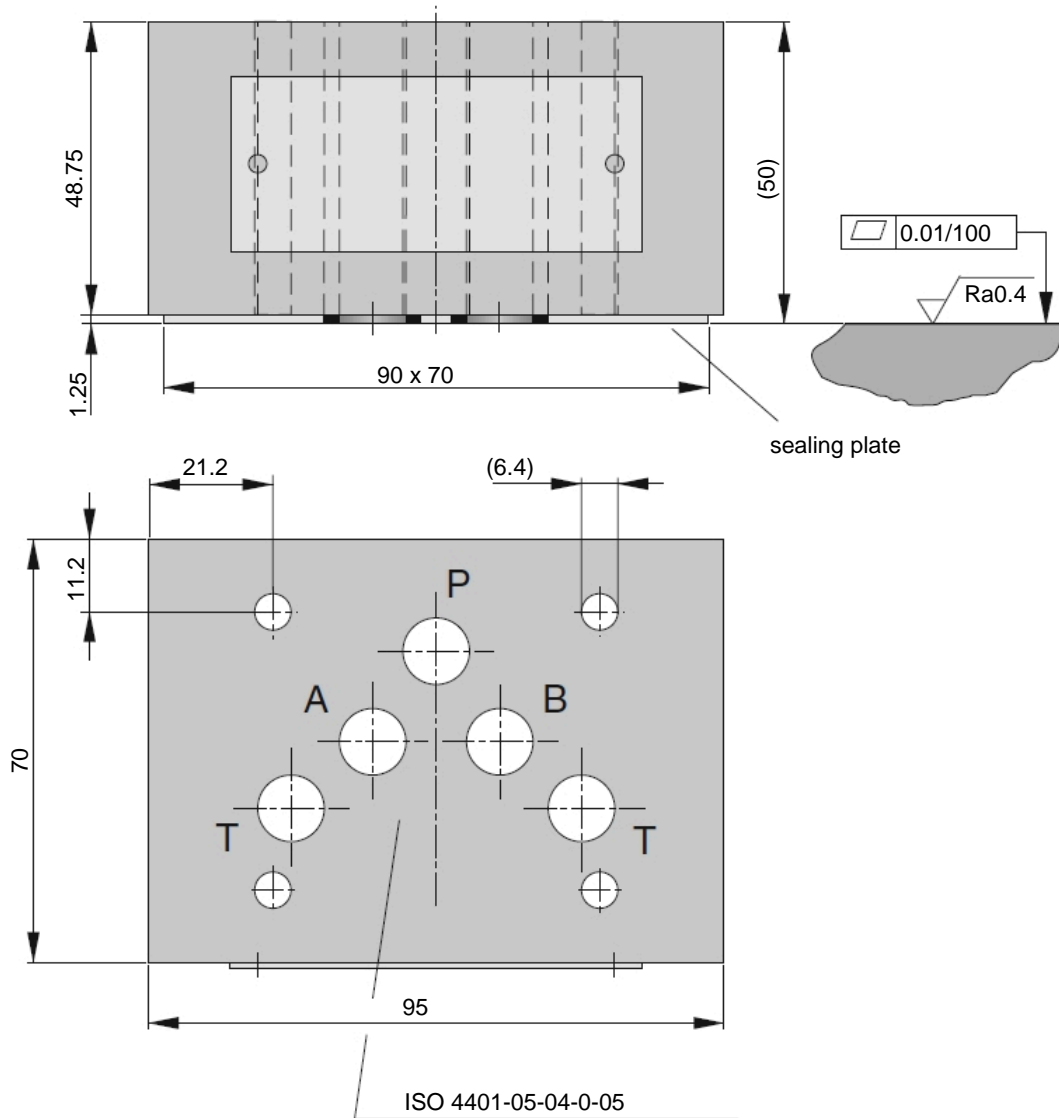
measured at hydraulic fluid temperature 50 °C, viscosity 21 mm²/s



Dimensions and connections

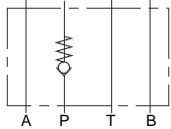
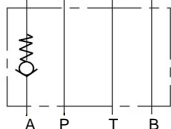
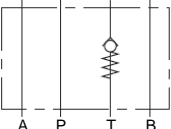
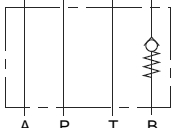
Dimensions are given in mm.

The sealing plate is included in the delivery.



Order information

Type code

VKR	ZP10	B	1
		opening pressure	standard opening pressure 1 bar (other pressures on request)
		check valve in	P line P, free flow to the actuator
			
		A	line A, free flow to the actuator
			
		T	line T, free flow from the actuator
			
		B	line B, free flow from the actuator
			
	size	10	
type	check valve		

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