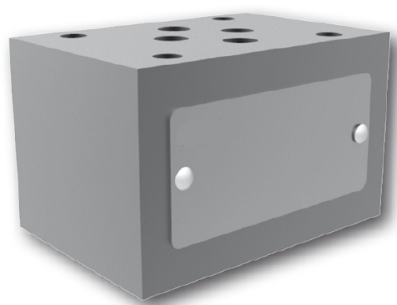


Intermediate plates with check valve type VKR (size 6)

operating pressure p_{\max} 350 bar
volume flow V_{\max} 50 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°
- leak-free closing in one or two service ports, suitable for fast cycling with long life
- sharp-edged steel seats for dirt-tolerant performance
- 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	0.8 kg
ambient temperature	-30 to +50 °C
mounting position	arbitrary
connection size	ISO4401-03-02-0-05 (NG06)

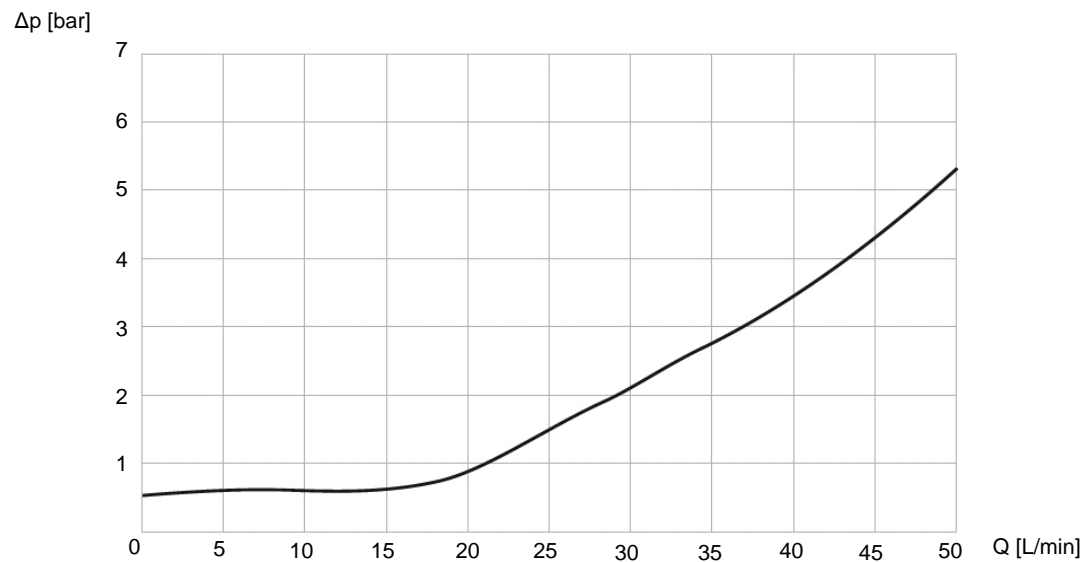
Hydraulic parameters

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

max. operating pressure	350 bar
max. volume flow	50 L/min
hydraulic fluid temperature	-30 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 $\beta_{25} > 75$
opening pressure	0.5 bar

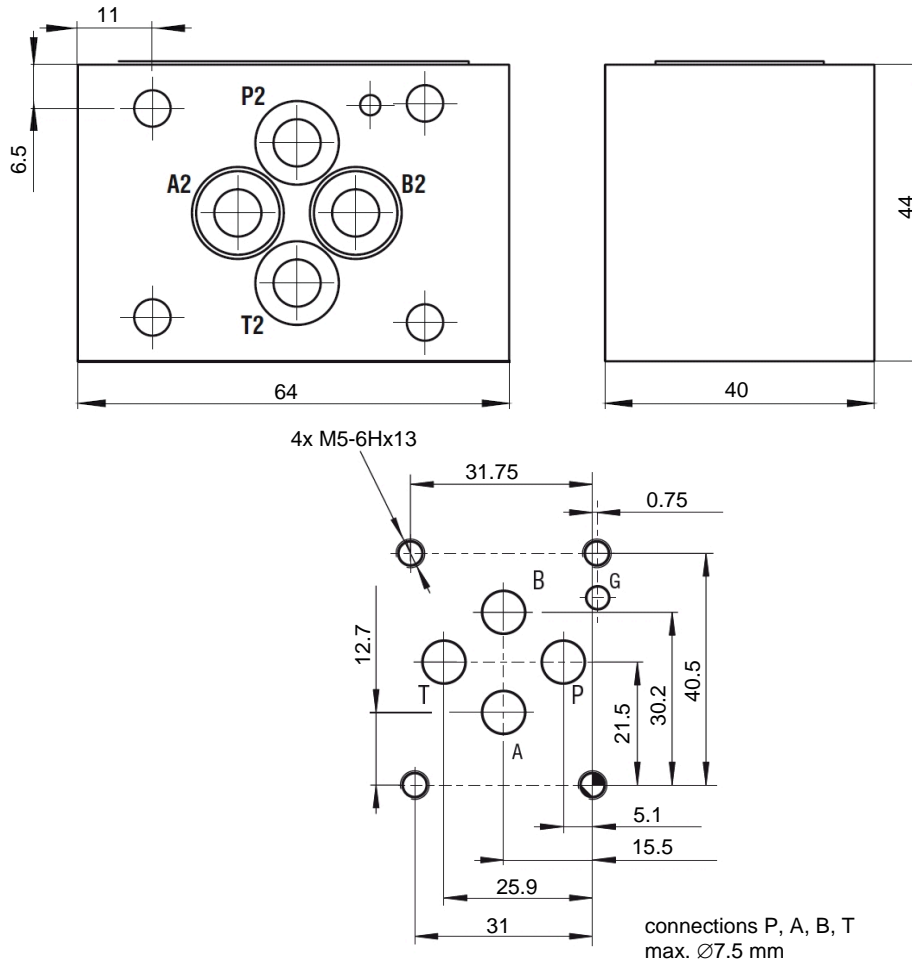
Characteristic lines

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



Dimensions and connections

Dimensions are given in mm.



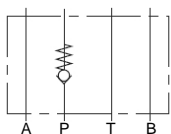
Order information

Type code

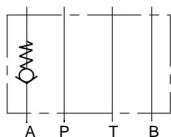
VKR ZP06 B 05

opening pressure standard opening pressure 0.5 bar (other pressures on request)

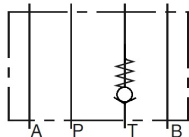
check valve in P line P, free flow to the actuator



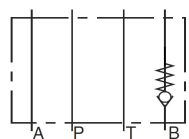
A line A, free flow to the actuator



T line T, free flow to the actuator



B line B, free flow to the actuator



size 6

type check valve

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