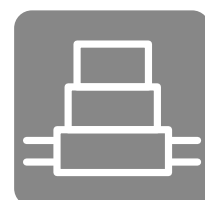


Intermediate plates with double restrictor check valve type VDR2 (size 4)

operating pressure p_{\max}	320 bar
volume flow V_{\max}	25 L/min



Product characteristics

Restrictor check valves belong to the group of non-return valves. They throttle the oil flow in one direction and open in the opposite direction. In the closed state they have zero leakage.

Features and benefits:

- return flow or inlet throttling through turning the valve by 180°
- adapted for mounting to the modular compact power packs type H3/H4

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Technical data

General

type	piston valve
design	intermediate plate valve
weight	0.8 kg
ambient temperature	-30 to +50 °C
mounting position	arbitrary
connection size	ISO4401-02-01-0-05 (NG06)

Hydraulic parameters

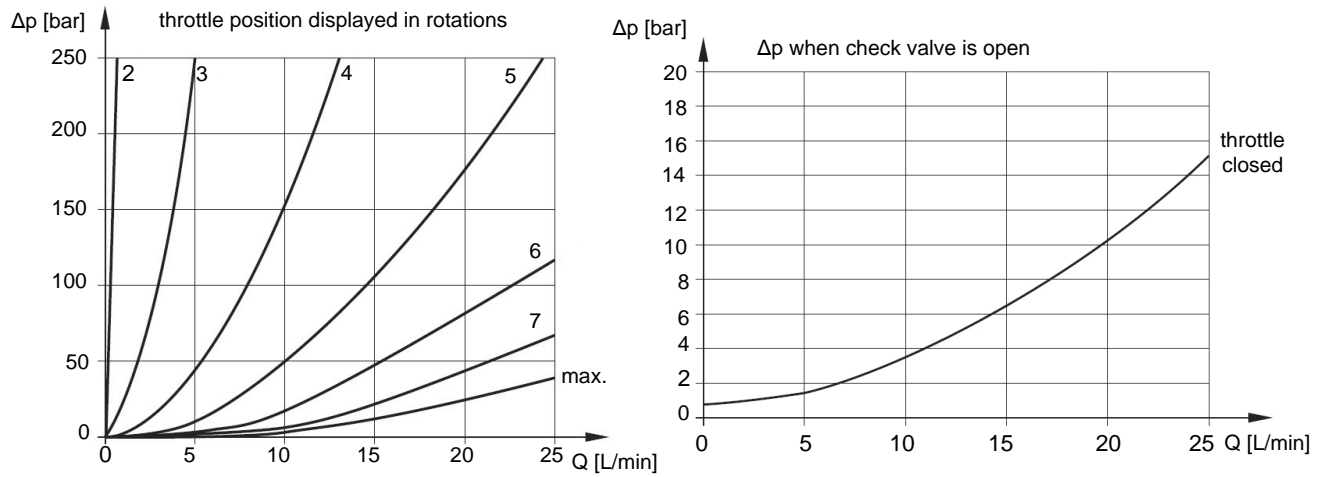
max. operating pressure	320 bar
hydraulic fluid temperature	-25 to +70 °C
viscosity	10-600 mm ² /s
permissible degree of pollution	max. class 22/19/16 according ISO 4406
filter recommendation	filter retention rate $\beta_{25} > 75$

Actuation

actuation type	mechanical with hex key
rotation angle	7 x 360°

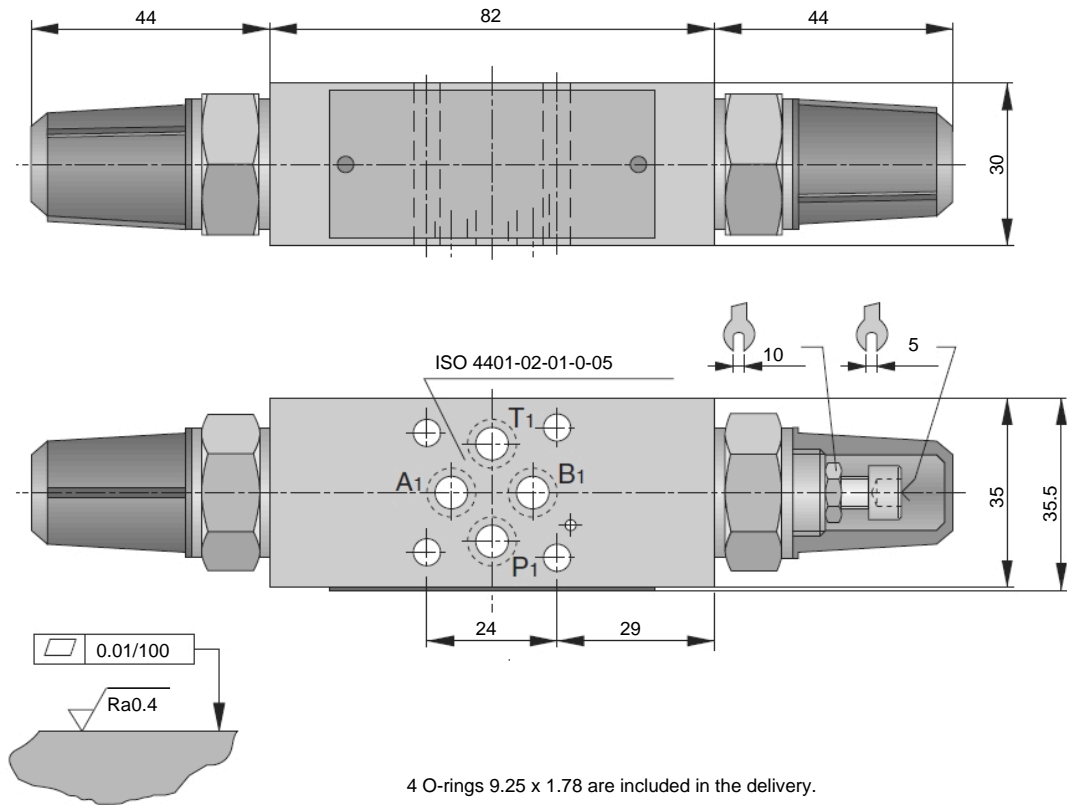
Characteristic lines

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



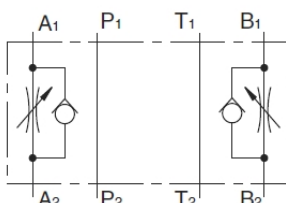
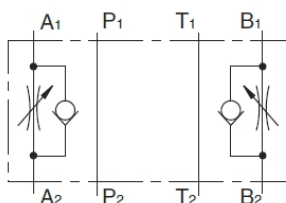
Dimensions and connections

Dimensions are given in mm.



Order information

Type code

VDR2	ZP04	R
	direction of operation	R throttling of return flow
		
		Z throttling of inflow
		
	size	NG04
type	double restrictor check valve, with hydraulic release	

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