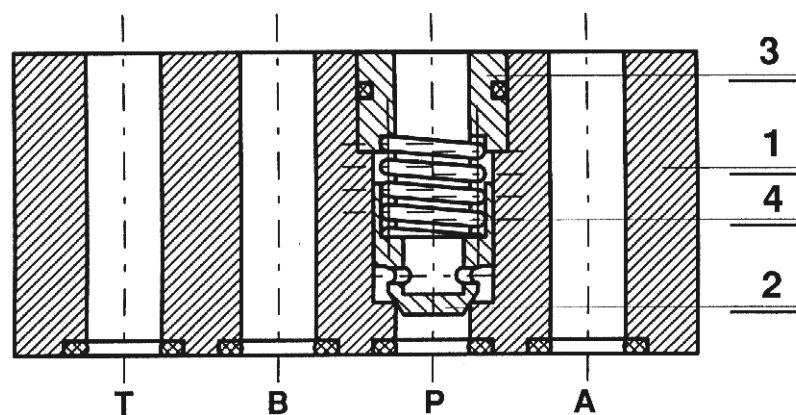
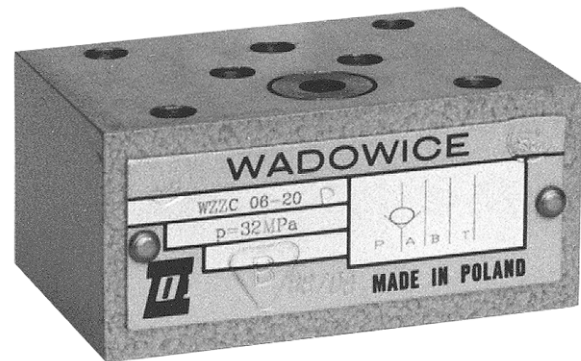


Check valves of sandwich plate design are intended for mating with control valves. They allow free flow of fluid in one direction and self-acting closure in the opposite direction. Valves can be mounted in any position as an intermediate element between a subplate and a control valve.



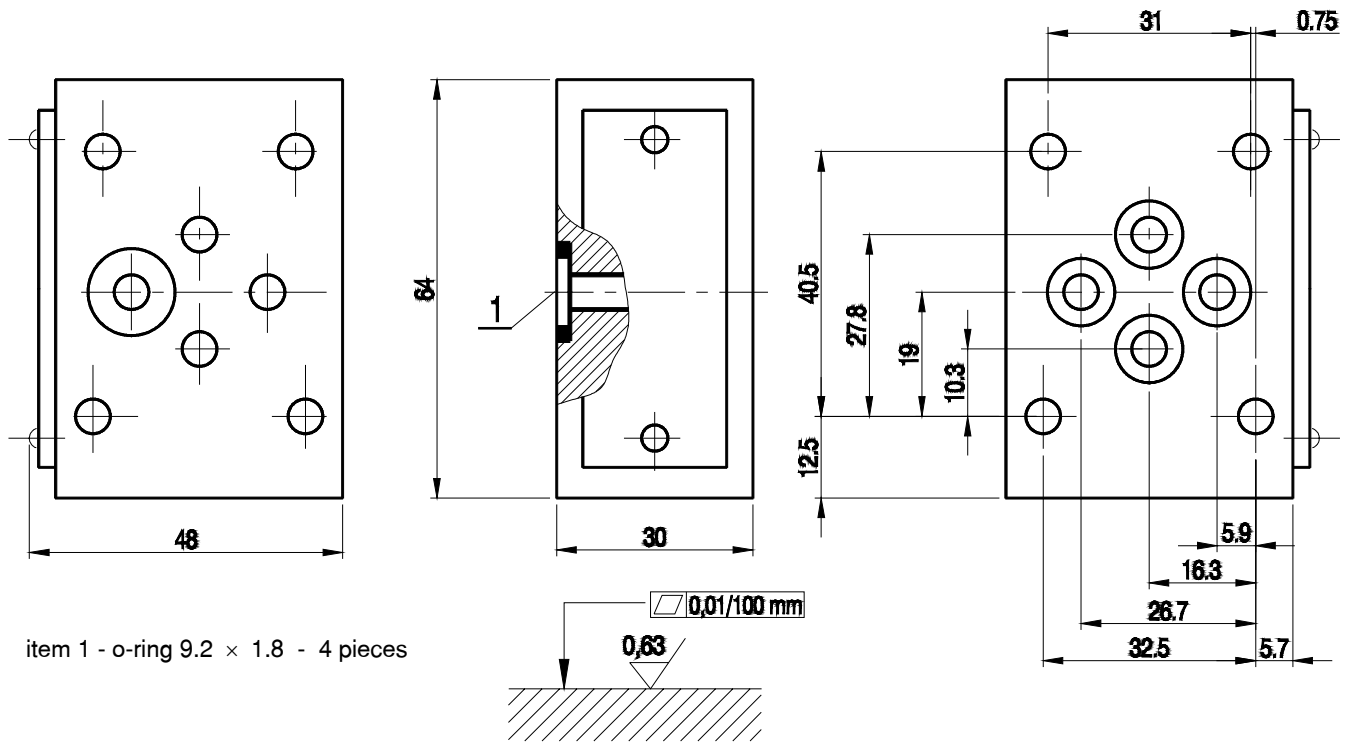
DESCRIPTION OF OPERATION

The sleeve 3 with the seat for the spring 4 is fitted in the housing 1. The spring pushes the poppet 2 to the edge of port P in the housing 1. When pressure difference in port P exceeds the cracking pressure determined by the spring, the poppet will move allowing free flow in line P, A, B, T or A and B.

TECHNICAL DATA

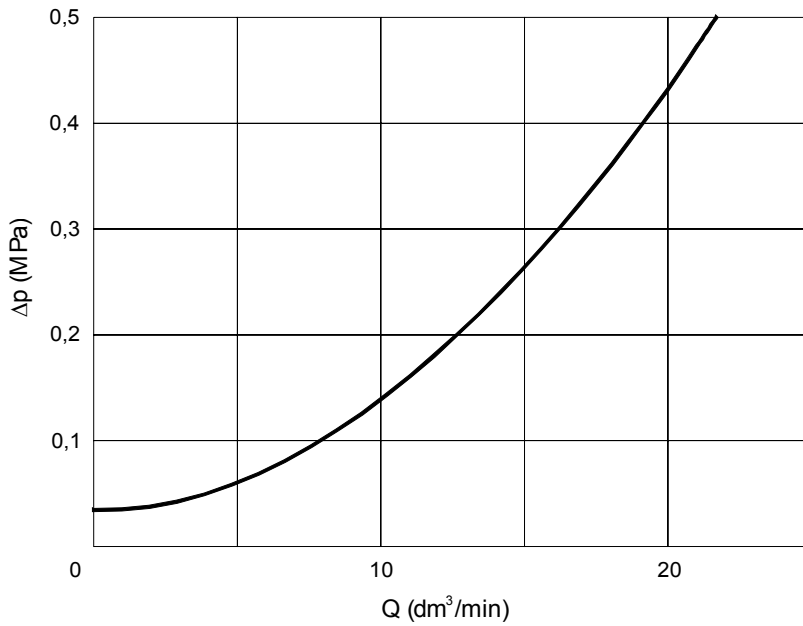
Hydraulic fluid	Mineral oil or phosphate ester
Nominal fluid viscosity	37 mm ² /s at the temperature of 328 K
Viscosity range	2.8 to 380 mm ² /s
Optimum working temperature (fluid in a tank)	313 - 328 K
Fluid temperature range	243 - 343 K
Required fluid filtration	16 μm
Recommended fluid filtration	10 μm
Maximum working pressure	32 MPa
Cracking pressure	0.05 MPa
Weight	0.6 kg

OVERALL DIMENSIONS

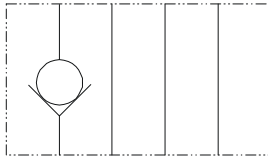


Admissible surface roughness and flatness deviation for a subplate face.

PERFORMANCE CURVES, measured at $\nu = 41 \text{ mm}^2/\text{s}$ and $T = 323 \text{ K}$

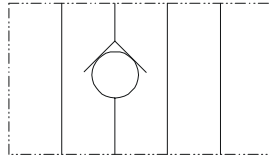


SCHEMES



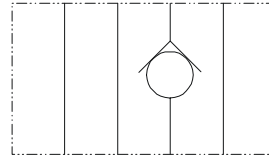
P A B T

WZZC 06-22 P



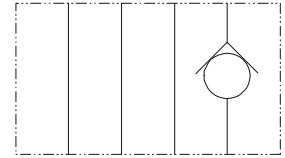
P A B T

WZZC 06-22 A



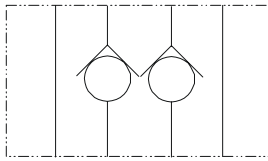
P A B T

WZZC 06-22 B



P A B T

WZZC 06-22 T

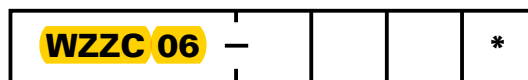


P A B T

WZZC 06-22 AB

HOW TO ORDER

Orders coded in the way showed below should be forwarded to the manufacturer.



Series number :
 22 = 22
 (20 - 29) - installation and connection
 dimensions unchanged

Additional requirements in clear text
 (to be agreed with the manufacturer)

Check valve:
 Port P = P
 Port A = A
 Port B = B
 Port T = T
 Port A and B = AB

Sealing
 Fluids on mineral oil base = no designation
 Fluids on phosphate ester base = V

Coding example : WZZC 06 - 22P

PONAR WADOWICE S.A.
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