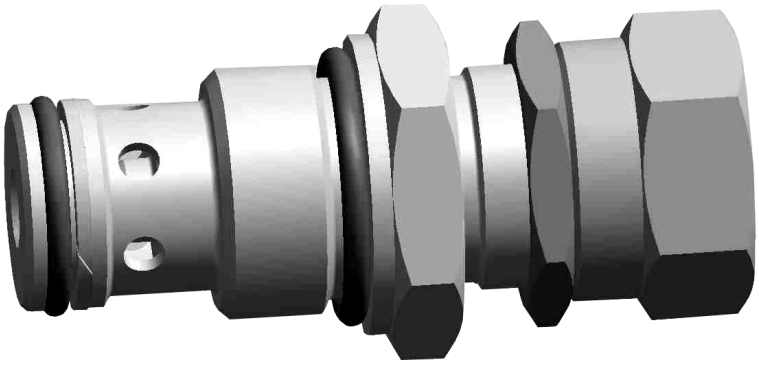
PONAR wadowice	Cartridge pressure relief valve, direct operated type UZPD 4			WK 496 360
	Size 4	29 MPa	30 dm³/min	04. 2001r.

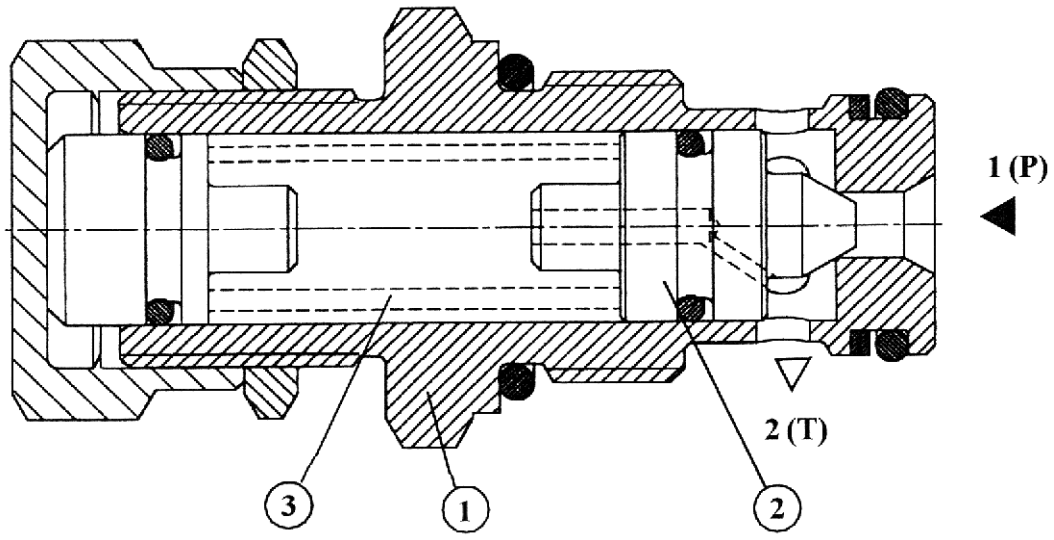


APPLICATION

Pressure relief valves type UZPD 4 serves to limit pressure in hydraulic systems.

DESCRIPTION OF OPERATION

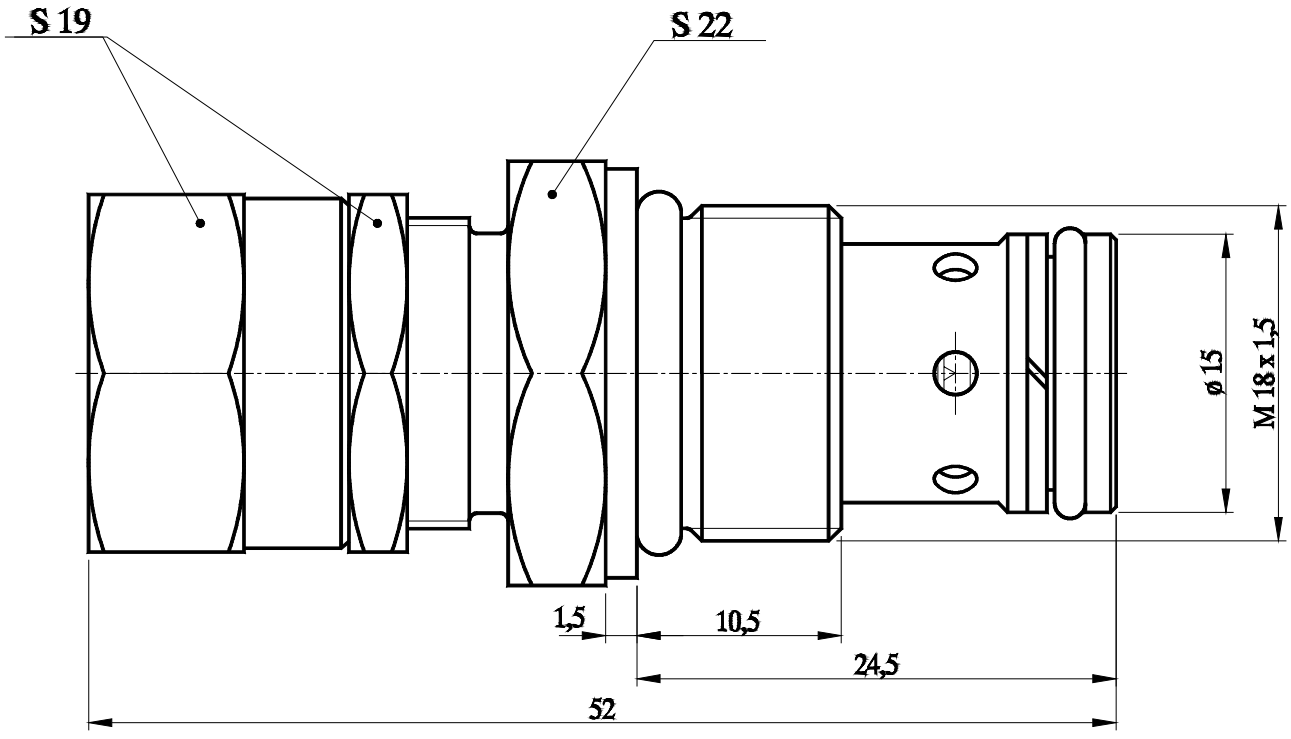
The valve UZPD 4 is direct operated pressure relief valve. Controllable pressure affects surface difference 2 of the valve spool 1. The spring 3 holds the spool in its initial position (closed). Ports P and T reaches the set value of the spring, the valve opens allowing free oil flow. The spring 3 holds the spool in its initial position (closed). Ports P and T reaches the set value of the spring, the valve opens allowing free oil flow.



TECHNICAL DATA

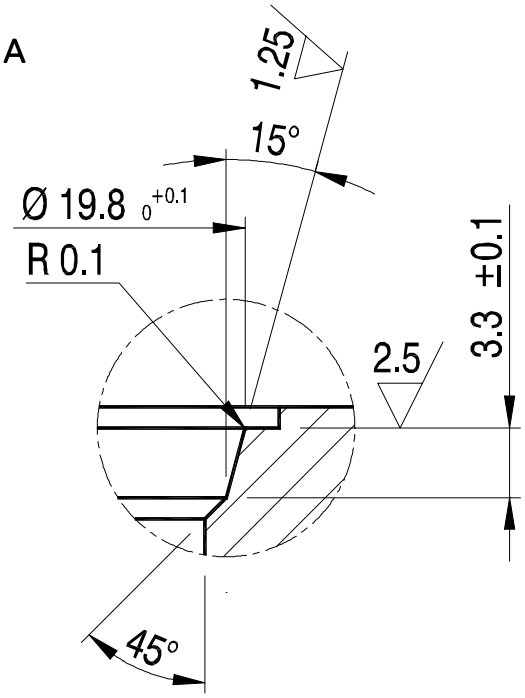
Working fluid	Mineral oil
Nominal fluid viscosity	37 mm^2 / s at temperature 328 K
Viscosity range	2,8 up to 380 mm^2 / s
Optimum working temperature range	313 up to 328 K
Fluid temperature range	243 up to 343 K
Max working pressure	29 MPa
Max allowable fluid flow	30 dm^3/min
Required fluid filtration	16 µm
Recommended fluid filtration	10 µm
Weight	0,1 kg

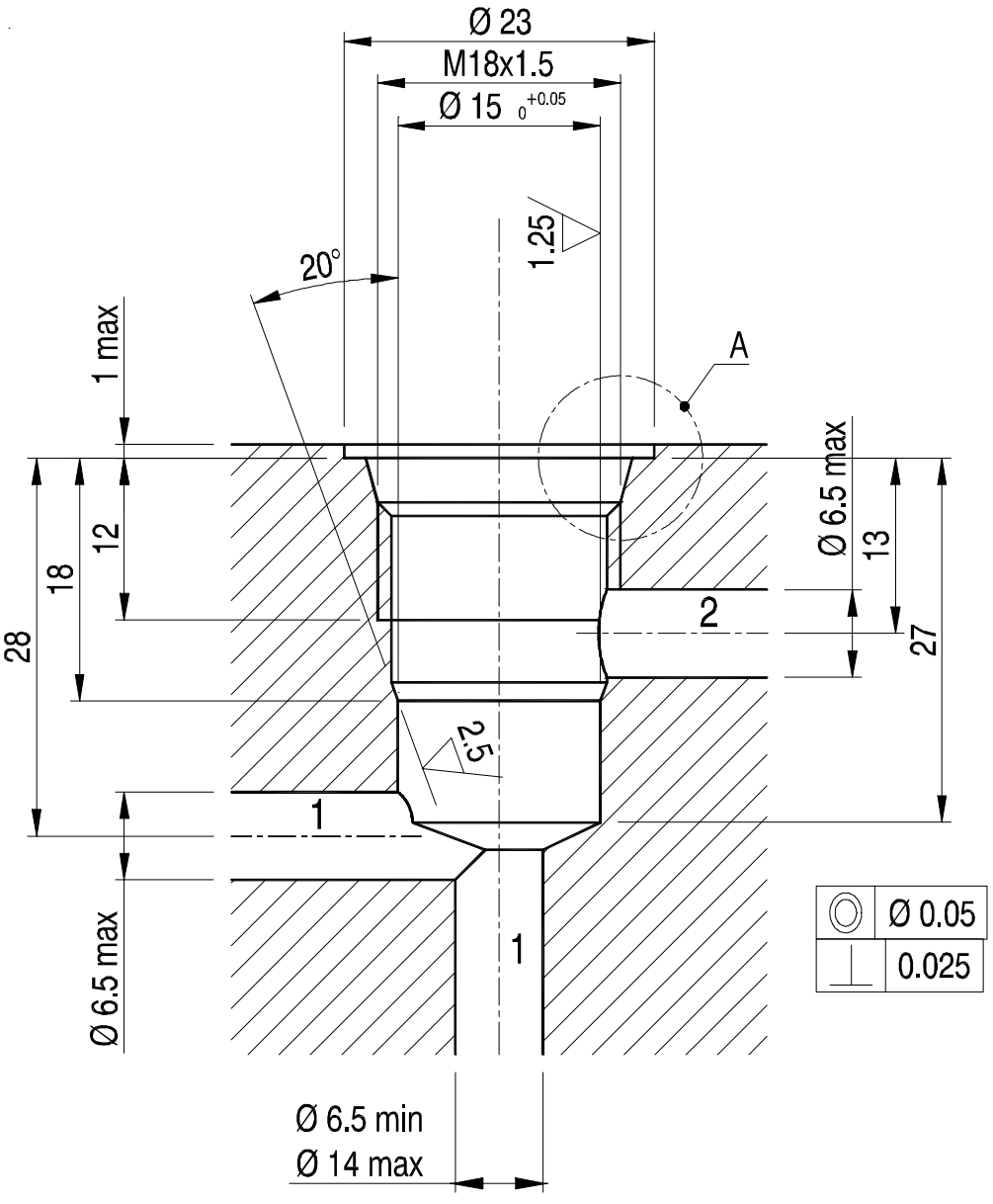
OVERALL DIMENSIONS



DIMENSIONS OF CAVITY NG4/2

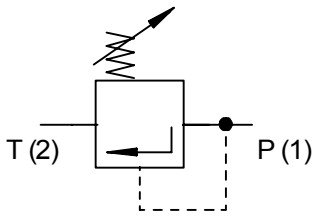
Detail A





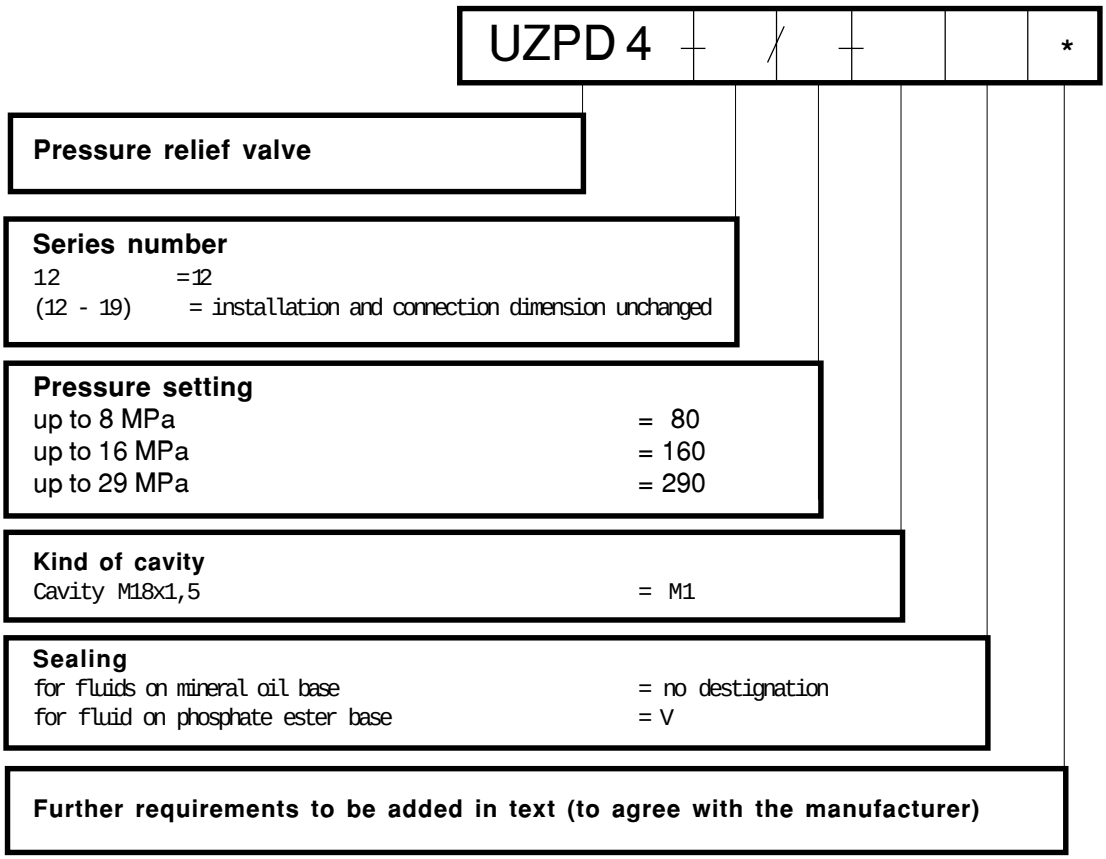
PERFORMANCE CURVES at ν = 41 mm²/s and temp. 323 K

GRAPHICAL SYMBOL



HOW TO ORDER

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



CODING EXAMPLE:

UZPD 4-12 / 160 - M1V

PONAR WADOWICE S.A.
ul. Wojska Polskiego 29
34-100 Wadowice
tel. 033/ 823 39 43, 823 30 41
fax 033/ 873 48 80
e-mail: ponar@ponar-wadowice.pl

PONAR® wadowice