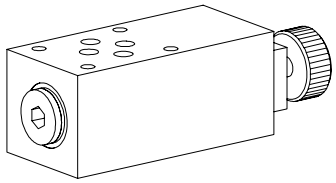
Drain valve
Sandwich construction
- Q_{max} = 40 l/min
- p_{max} = 350 bar

NG6
ISO 4401-03



DESCRIPTION
Drain valve NG6 with interface according to ISO 4401-03. Sandwich design. Valves for 3 flow directions are available. The sandwich body is made from phoshated steel. The turn knob from anodised aluminium.

FUNCTION
A spherical, hardened clasing element seals the pressurised part leak free against tank port. By turning the knob the connection to tank will be opened. Knob may be bloched in any position by a set screw.

APPLICATION
Drain valves are mainly used in systems with an accumulator wich need to be depressurised for revisions.

CONTENT

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TYPE CODE

A AH ☐ 6 / ☐ # ☐

International standard interface ISO

Type description for drain valve

Drain valve:
- P → T: P
- A → T: A
- B → T: B

Normal size 6

Threaded port open: O
with plug: V
with minimess screw coupling: M

Design-Index (Subject to change)

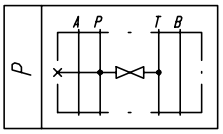
GENERAL SPECIFICATIONS

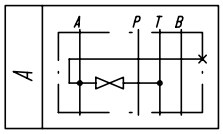
Description	Drain valve
Nominal size	NG6 acc. to ISO 4401-03
Construction	Sandwich construction
Mounting	4 holes for hexagon socket screw M5 or studs M5
Connections	Connection plates Mulit-station flange subplate Longitudinal stacking system
Ambient temperature	-20…+50°C
Mounting position	any
Fastening torque	M_D = 5,5 Nm (Quality 8.8)
Weight	m = 1,5 kg

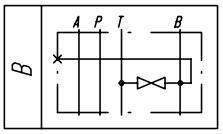
HYDRAULIC SPECIFICATIONS

Fluid	Mineral oil, other fluid on request
Contamination efficiency	ISO 4406:1999, class 20/18/14 (Required filtration grade ß 10...16≥75) refer to data sheet 1.0-50/2
Viscosity range	12 mm²/s…320 mm²/s
Fluid temperature	-20…+70°C
Peak pressure in ports A, B, P	p_{max} = 350 bar
Peak pressure in port T	p_{max} = 50 bar
Max. volume flow	Q_{max} = 40 l/min

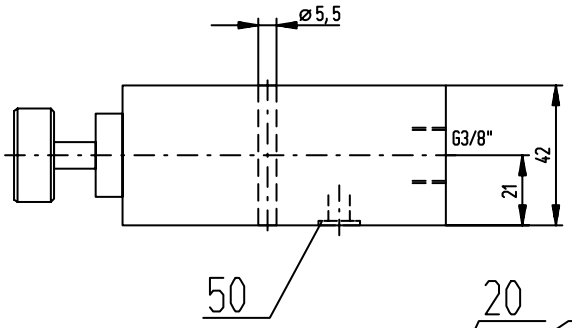
SYMBOLS / TYPES



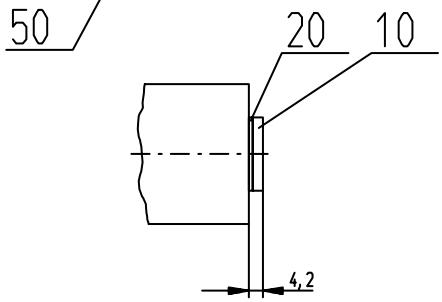




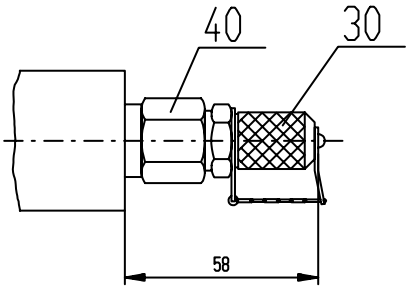
DIMENSIONS



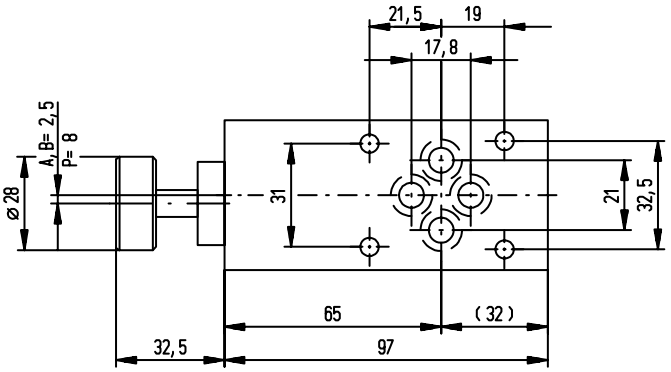
AAH.6/O



AAH.6/V



AAH.6/M



On types AAHB, P6 the adjustment is located on B-Side

PARTS LIST

Position	Article	Description
10	238.3202	Plug DIN 908 G3/8"
20	49.1180	Cop. seal ring NG 18x22x1,5 DIN 7603
30	152.9101	Mini-mess fitting 1620/1/4"
40	240.5311	Fitting RI 3/8x1/4
50	160.2093	O-ring ID 9,25x1,78

Technical explanation see data sheet 1.0-100E