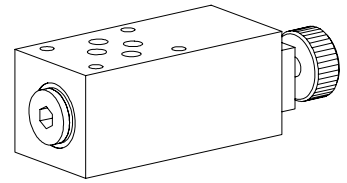


**Drain valve  
Sandwich construction**

- $Q_{max} = 40 \text{ l/min}$
- $p_{max} = 350 \text{ bar}$

**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 phosphated steel. The turn knob from anodised aluminium.

**FUNCTION**

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

**APPLICATION**

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

**CONTENT**

GENERAL SPECIFICATIONS .....	1
HYDRAULIC SPECIFICATIONS .....	1
SYMBOLS / TYPES .....	1
DIMENSIONS .....	2
PARTS LIST .....	2

**TYPE CODE**

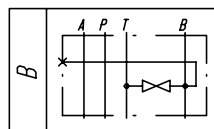
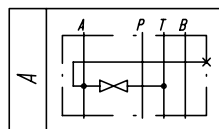
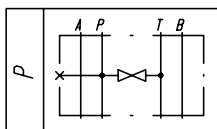
	A	AH	<input type="checkbox"/>	6 /	<input type="checkbox"/>	#	<input type="checkbox"/>
International standard interface ISO							
Type description for drain valve							
Drain valve:	P → T	<input type="checkbox"/>	<input type="checkbox"/>				
	A → T	<input type="checkbox"/>	<input type="checkbox"/>				
	B → T	<input type="checkbox"/>	<input type="checkbox"/>				
Normal size 6							
Threaded port open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
with plug	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
with minimess screw coupling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
Design-Index (Subject to change)							

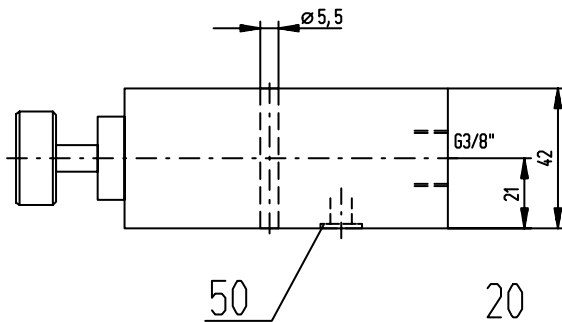
**GENERAL SPECIFICATIONS**

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 Multit-station flange subplate Longitudinal stacking system
Ambient temperature	-20...+50°C
Mounting position	any
Fastening torque	$M_D = 5,5 \text{ Nm}$ (Quality 8.8)
Weight	$m = 1,5 \text{ kg}$

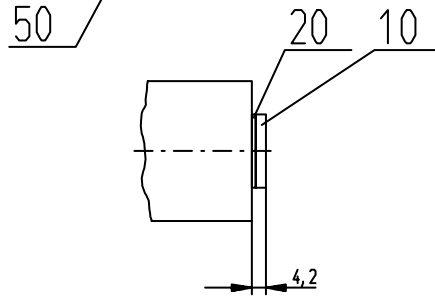
**HYDRAULIC SPECIFICATIONS**

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

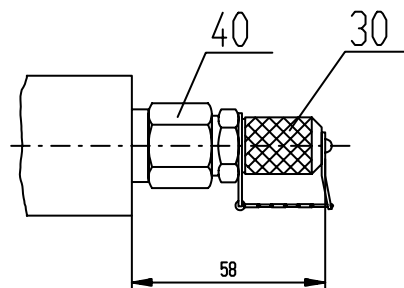
**SYMBOLS / TYPES**


**DIMENSIONS**


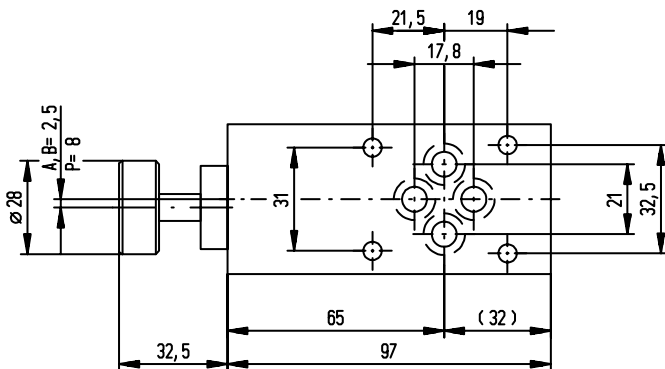
AAH.6/O



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