



Drain valve

AV250 and AV320

Application and function

The valves are used for draining or venting. The range of application covers the entire product range of liquid level indicators and float devices, as well as all other pressure-bearing vessels and containers.

Technical basic equipment

- Inlet side: External thread BSP G 1/2"
- Outlet side: Cutting ring fitting DS12
- Valve body for AV250 and AV320 made of pressure vessel steel according to DIN or ASME
- Valve inner parts made of stainless steel
- Flow DN 8
- Steel handwheel Ø60mm (up to PS = 32 bar)

Optional versions

- Customised inlet and outlet connections
- Valve body for AV255 made of stainless steel according to DIN or ASME



AV250



AV320



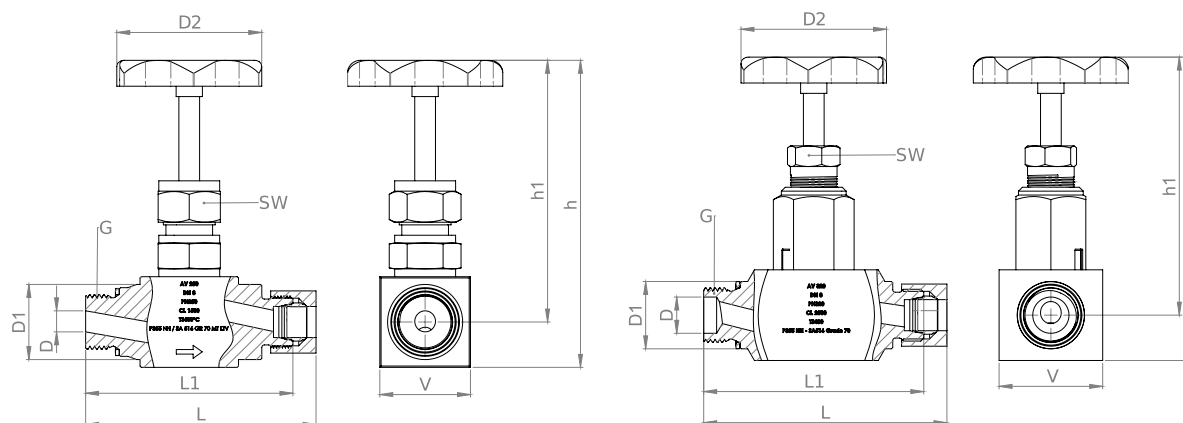
AV255

Technical data

Operating limits AV250 / AV255	pressure and temperature assignment
	PN250 nach EN12516-1 Class 1500 nach ASME B16.34

Operating limits AV320	pressure and temperature assignment
	PN320 nach EN12516-1 Class 2500 nach ASME B16.34

Dimensions and sizes



AV250 / AV255 with cutting ring screw fitting DS12

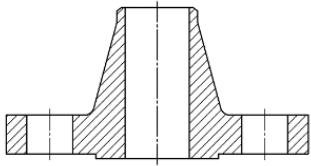
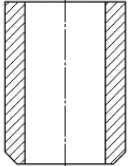
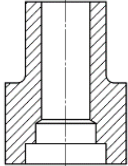
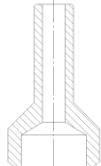
AV320 with cutting ring screw fitting DS12

		AV250 / AV255		AV320	
		[mm]	[inch]	[mm]	[inch]
Connection thread	G	G 1/2" BSP		G 1/2" BSP	
Diameter	D	8	0.3	8	0.3
Connection diameter	D1	26	1	26	1
Handle diameter	D2	60	2.4	60	2.4
Height	h	117	4.6	117	4.6
Connection height	h1	100	4	100	4
Spanner width	SW	24	1	24	1
Square dimension	V	35 x 35	1.4 x 1.4	35 x 35	1.4 x 1.4
Connection length	L1	80	3.189	80	3.189
Total length	L	89	3.5	89	3.5

Optional versions

Examples of the optional versions	
Double drain valve	customised outlet flange
	
Ex.: AV251 with cutting ring screw connection DS12	Ex.: AV250 Input: BSP G 1/2" Output: Flansch CI 1500 NPS 3/4"

Type	Data sheet	Article number
Double drain valve AV251 with cutting ring screw connection DS12	D-09-D-61489-EN	15-14733

Available connections			
			
Flange	Welding end	Socket welding	Cutting ring screw fitting

Type	Input	Output	Total length [L]		Article number
			[mm]	[inch]	
AV250	BSP G 1/2"	Cutting ring screw fitting DS12	89	3.5	15-16613
AV255	BSP G 1/2"	Cutting ring screw fitting DS12	89	3.5	15-16446
AV320	BSP G 1/2"	Cutting ring screw fitting DS12	94	3.7	15-14753

Spare parts

If the drain valve is damaged, the complete valve must be replaced. If the drain valve is disassembled for maintenance or other reasons, check the thread for damage before assembly, apply suitable lubricant (e.g. *Fuchs Lubritech PBC 1574 High-Temperature Anti-Seize Paste*) and replace the sealing ring.

Pos.	Description	Material	Size	Article-No.	Quantity
1	Sealing ring	Soft steel	Ø21 x 26 x 1,5mm	40-00099	1
		Stainless steel		40-00128	



Digital documentation



Direct download



Product page on the Internet

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