

BRONZE ANGLE VALVE WITH BOLT COVER DIN 3202 F32, PN 16

Material bronze CC491K; DIN RG5
Pressure PN 16

TECHNICAL DESCRIPTION

Angle valve with flange connection. Possible variations of the function depending on the design.

- shut-off valve
- check valve.

Extraction spindle, bolted cover, metal-to-metal sealing. For warm sea water, it is recommended to use a spindle made of bronze (zinc-free), CuSn6.

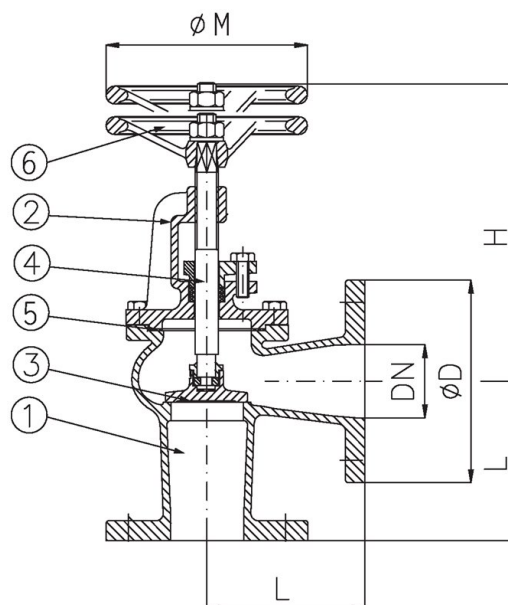
WORKING FLUID / MEDIUM

Water, fuels, lubricating and flammable hydraulic oils, petroleum, non-flammable hydraulic fluids, boiler feed water, seawater.

EXECUTION

- Spindle material: CuSn6
- Plug for operation as a check valve

Dimensions: DN 15 - 150



No.	DETAILS	MATERIALS	SPECIFICATION	
			Standard	DIN 3202 F1
1	Body	bronze CC491K (RG5)	Joining	EN 1092-2
2	Lid	bronze CC491K (RG5)	Construction length	EN 558, series 1
3	Valve	DN 15-80 brass CW710R (SoMs59)	Lid connection	on bolts
3	Valve	DN 80 - 150 bronze CC491K (RG5)	Execution	angular
4	Spindle	brass CW710R (SoMs59)	Joining	flanged
5	Lid seal	rubber-reinforced	Management	manually with wheel
6	Handwheel:	DN 15-80 (sheet metal)	Drive	multi-turn
6.1	Handwheel	DN 100-150 (cast iron)	T max. °C	up to 225°C
			T max.(steam) °C	up to 180°C

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DN	PN	Flanges/PN	L	D	ØP	nxd	H	M	Weight (kg)
15	16	16	65	95	65	4x14	135	80	2.2
20	16	16	70	105	75	4x14	140	80	3
25	16	16	75	115	85	4x14	155	80	3.7
32	16	16	90	140	100	4x18	160	100	5
40	16	16	95	150	110	4x18	180	120	7
50	16	16	105	165	125	4x18	190	120	8.8
65	16	16	115	185	145	4x18	210	160	13
80	16	16	125	200	160	8x18	230	160	17
100	16	16	140	220	180	8x18	280	250	24
125	16	16	175	250	210	8x18	315	250	35
150	16	16	200	285	240	8x22	340	250	51

Note: The dimensions in column ØP should be considered as the diameters of the bolt circle, as the latter are not indicated in the drawing.