

**BRONZE STRAIGHT VALVE WITH BOLT COVER DIN 3202 F1,
PN 16**

Material bronze CC491K; DIN RG5
Pressure PN 16

TECHNICAL DESCRIPTION

Straight 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.

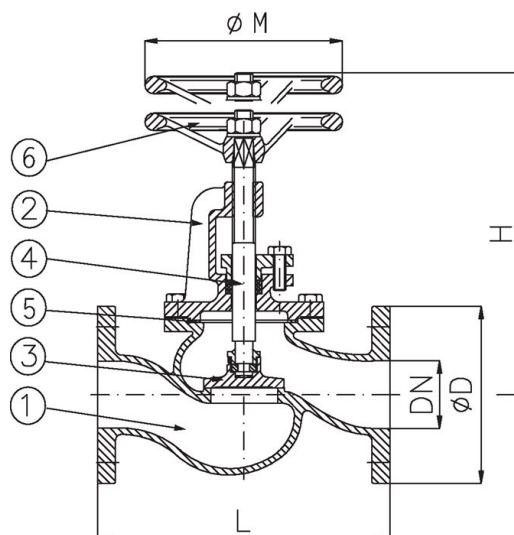
WORKING FLUID / MEDIUM

Water, fuels, lubricating and flammable hydraulic oils, 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 1092-3
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	straight
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	130 / 100	95	65	4x14	155	80	2.1
20	16	16	150 / 110	105	75	4x14	160	80	2.6
25	16	16	160 / 120	115	85	4x14	175	80	3.5
32	16	16	180 / 135	140	100	4x18	180	100	4.5
40	16	16	200 / 150	150	110	4x18	205	120	6.7
50	16	16	230 / 180	165	125	4x18	215	120	9.2
65	16	16	290 / 200	185	145	4x18	235	160	13
80	16	16	310 / 230	200	160	8x18	275	160	18
100	16	16	350 / 280	220	180	8x18	325	250	27
125	16	16	400 / 350	250	210	8x18	365	250	36
150	16	16	480 / 400	285	240	8x22	405	250	52

Note: Construction length (L) - normal / shortened

Dimension ØP, to be considered as the diameter of the bolt circle