

BRONZE VALVE STRAIGHT 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.

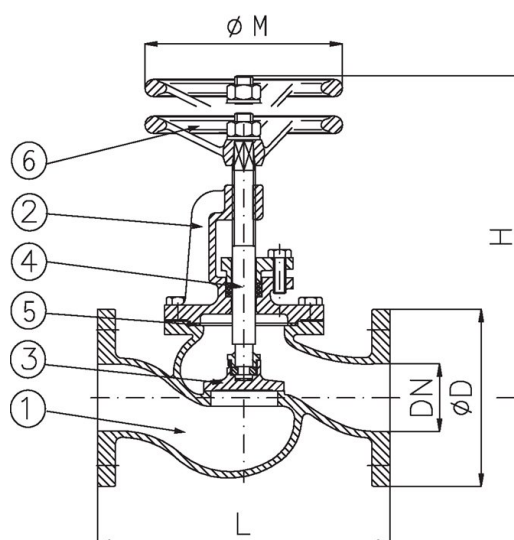
Extraction spindle, bolted cover, metal-to-metal sealing. For warm sea water, it is recommended to use a spindle made of bronze (zinc-free), CuSn6.

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	100	95	65	4x14	155	80	2.1
20	16	16	110	105	75	4x14	160	80	2.6
25	16	16	120	115	85	4x14	175	80	3.5
32	16	16	135	140	100	4x18	180	100	4.5
40	16	16	150	150	110	4x18	205	120	6.7
50	16	16	180	165	125	4x18	215	120	9.2
65	16	16	200	185	145	4x18	235	160	13
80	16	16	230	200	160	8x18	275	160	18
100	16	16	280	220	180	8x18	325	250	27
125	16	16	350	250	210	8x18	365	250	36
150	16	16	400	285	240	8x22	405	250	52

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.