



Globe valve straight type, threaded connection

456022

Description

Globe valve with shut off, regulating or screw down non return (SDNR) function. Straight, rising stem type with female threaded ends, screwed and secured bonnet as well as metal sealing. Spring for SDNR disc in stainless steel 1.4571. For warm sea water it is recommended to use a stem of zinc free bronze, CuSn6.

Specifications

Bonnet connection:	Screwed, Secured
Execution:	Straight
Connection type:	Threaded female
Operation:	Handwheel
Actuation:	Multiturn



Application

For temperatures up to 225°C, steam up to 180°C.

Media

Steam. Fuel oil, lubricating oil and flammable hydraulic oil. Seawater and freshwater.

Variants

Regulating disc. CuSn6 stem.

Material

No.	Part	Dimension	Material
1	Body		Bronze CC491K (RG5)
2	Disc	DN 8-50	Bronze CC493K (RG7)
2	Disc	DN 65-80	Bronze CC491K (RG5)
3	Gasket		PTFE
4	Locking nut		Bronze CC491K (RG5)
5	Bonnet	DN 8-32	Bronze CC493K (RG7)
5	Bonnet	DN 40-80	Bronze CC491K (RG5)
6	Gland		Brass CW614N (Ms58)
7	Gland nut		Brass CW614N (Ms58)

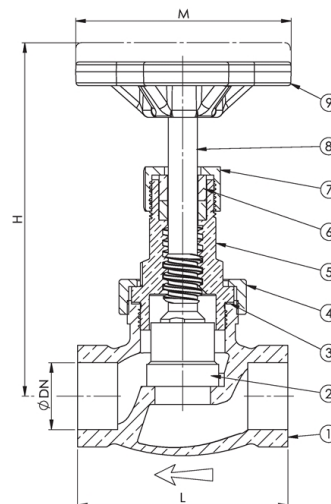


Material

No.	Part	Dimension	Material
8	Stem		Special brass CW710R (SoMs59)
9	Handwheel		Cast iron EN-JL1040 (GG25)

Max. working pressure (bar) at °C

DN	up to 120°C	up to 225°C (steam up to 180°C)
8 - 80	16	10



Stop valve

DN	Pressure rating	Connection (BSP)	L	H	M	Kv	Weight (kg)	Color	Item no.
8	PN 16	G 1/4"	60	95	60	2	0.4	Unpainted	80291
10	PN 16	G 3/8"	60	95	60	4	0.5	Unpainted	80293
15	PN 16	G 1/2"	65	95	60	7	0.5	Unpainted	80296
20	PN 16	G 3/4"	75	110	80	10	0.7	Unpainted	80298
25	PN 16	G 1"	90	115	80	15	1.2	Unpainted	80300
32	PN 16	G 1 1/4"	105	135	90	23	1.6	Unpainted	80303
40	PN 16	G 1 1/2"	120	145	100	33	2.3	Unpainted	80305
50	PN 16	G 2"	145	165	120	65	3.4	Unpainted	80307
65	PN 16	G 2 1/2"	170	230	160	85	7.0	Unpainted	80309
80	PN 16	G 3"	200	250	200	129	12.0	Unpainted	80823

All measurements in mm. Weights are approximations.



SDNR disc with spring

DN	Pressure rating	Connection (BSP)	L	H	M	Kv	Weight (kg)	Color	Item no.
8	PN 16	G 1/4"	60	95	60	2	0.4	Unpainted	80292
10	PN 16	G 3/8"	60	95	60	4	0.5	Unpainted	80294
15	PN 16	G 1/2"	65	95	60	7	0.5	Unpainted	80297
20	PN 16	G 3/4"	75	110	80	10	0.7	Unpainted	80299
25	PN 16	G 1"	90	115	80	15	1.2	Unpainted	80301
32	PN 16	G 1 1/4"	105	135	90	23	1.6	Unpainted	80304
40	PN 16	G 1 1/2"	120	145	100	33	2.3	Unpainted	80306
50	PN 16	G 2"	145	165	120	65	3.4	Unpainted	80308
65	PN 16	G 2 1/2"	170	230	160	85	7.0	Unpainted	80310
80	PN 16	G 3"	200	250	200	129	12.0	Unpainted	81217

All measurements in mm. Weights are approximations.