

Globe Valve Type KLA 121 - PN 40 Cast steel GS-C25N DN 15-250 PN 40 / flanged



Description

Globe valve in cast steel with yoke in straightway form. With outside rising stem with gland. Body and yoke connected with studs. From DN125 the flow direction is vice versa. The globe valves are according to DIN 3356.

Application

For industries, powerplants, shipbuilding, for water, steam, gases and other neutral fluids.

Testing

The valves are tested with water +20°C

Open valve: 1,5 x PN

Closed valve: 1,0 x PN

Face to face dimension

EN 558-1 R1, DIN 3202 F1

Flanges

DIN2501 form C

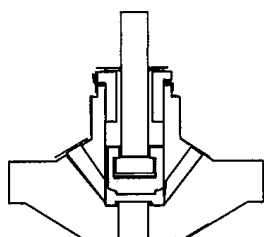
Temperature range

-10°C till +400°C

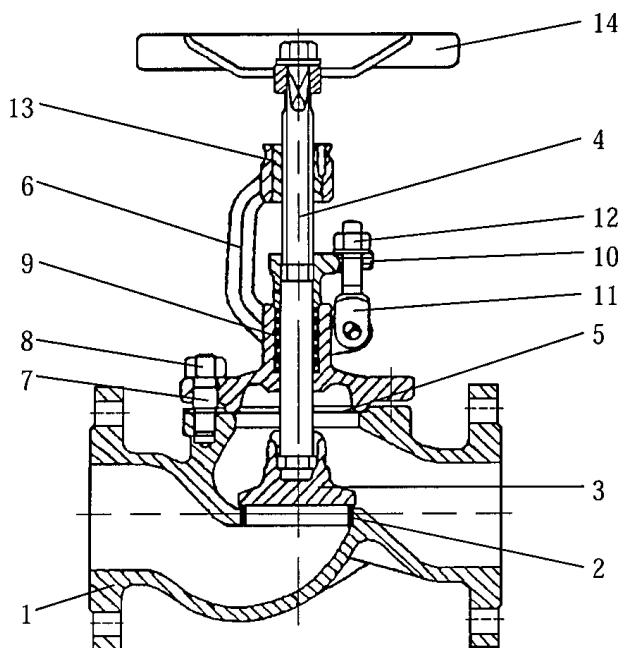
Pressure and temperature relation

Max working pressure at max working temperature according to DIN 2401

DN15 - DN100			Differential pressure			
200°C	300°C	400°C	DN125	DN150	DN200	DN250
35 bar	28 bar	21 bar	25 bar	17 bar	10 bar	6 bar



Pressure Relief Plug
From DN125



Other models

With throttling plug

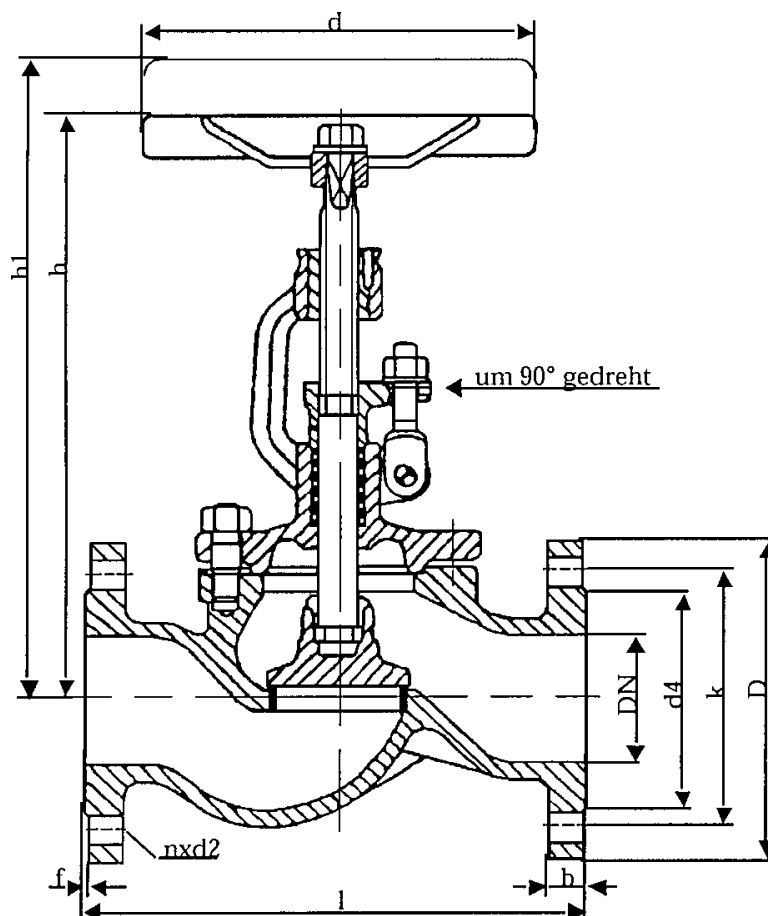
With welding ends

Other materials

Other pressure classes

Pos	Denomination	Material	DIN
1	body	cast steel GS-C25N	1.0619
2	seat	stainless steel X20Cr13	1.4021
3	plug	stainless steel X20Cr13	1.4021
4	stem	stainless steel X20Cr13	1.4021
5	gasket	graphite	-
6	yoke	cast steel GS-C25N	1.0619
7	stud	steel	1.1181
8	hexagon nut	steel	1.0501
9	packing	graphite	-
10	gland flange	cast steel GS-C25N	1.0619
11	hinged screw	steel Ck 35	1.1181
12	hexagon nut	steel C35	1.0501
13	threaded bush	ductile cast iron GGG40	0.7040
14	handwheel	cast iron GG20	0.6020

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DN	D	k	d4	d	l	h	h1	n	d2	b	f	Sp	Sp Ø	Nm	Zeta	U/Hub	kg
15	95	65	45	120	130	185	195	4	14	16	2	9	14x3	20	4,40	4	3,9
20	105	75	58	120	150	185	195	4	14	18	2	9	14x3	20	4,50	4	4,6
25	115	85	68	140	160	210	220	4	14	18	2	11	14x3	20	4,40	4	6,3
32	140	100	78	140	180	210	220	4	18	18	2	11	14x3	30	4,20	4	7,5
40	150	110	88	160	200	235	250	4	18	18	3	13	16x4	45	4,10	3,5	10,5
50	165	125	102	160	230	240	265	4	18	20	3	13	18x4	45	4,40	5,5	14,0
65	185	145	122	180	290	290	315	8	18	22	3	15	20x4	75	4,60	6,5	21,5
80	200	160	138	200	310	305	335	8	18	24	3	15	22x5	75	4,30	6	26,0
100	235	190	162	225	350	370	405	8	22	24	3	20	24x5	102	4,30	8	51,0
125	270	220	188	225	400	400	470	8	26	26	3	20	24x5	102	4,50	13,5	63,5
150	300	250	218	300	480	470	550	8	26	28	3	20	26x5	102	4,60	16	105
200	375	320	285	400	600	570	645	12	30	34	3	24	32x6	200	4,60	13,5	175
250	450	385	345	400	730	625	715	12	33	38	3	24	42x7	270	5,10	16	323