GATE VALVE
Fig. 9116XV

GENERAL FEATURES:

- Gate valve PN 16
- With outside screw and non-rising handwheel
- Face to face according to DIN 3202 F5
- Max. 400°C

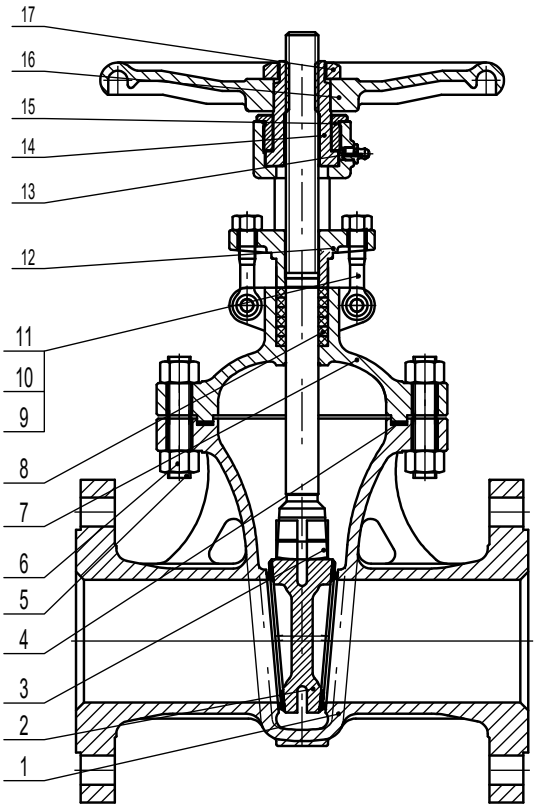


CE

DESIGN STANDARDS	
End to end dimensions	DIN 3202 F5/7, EN 558-1 series 15
TESTS AND CERTIFICATES	
CE PED	97/23/EC
Shell test	Nominal pressure (PN) x 1,5
Certificates	EN 10204
Conformity	PN-EN12516-2
Pressure test	EN12266

Subject to changes

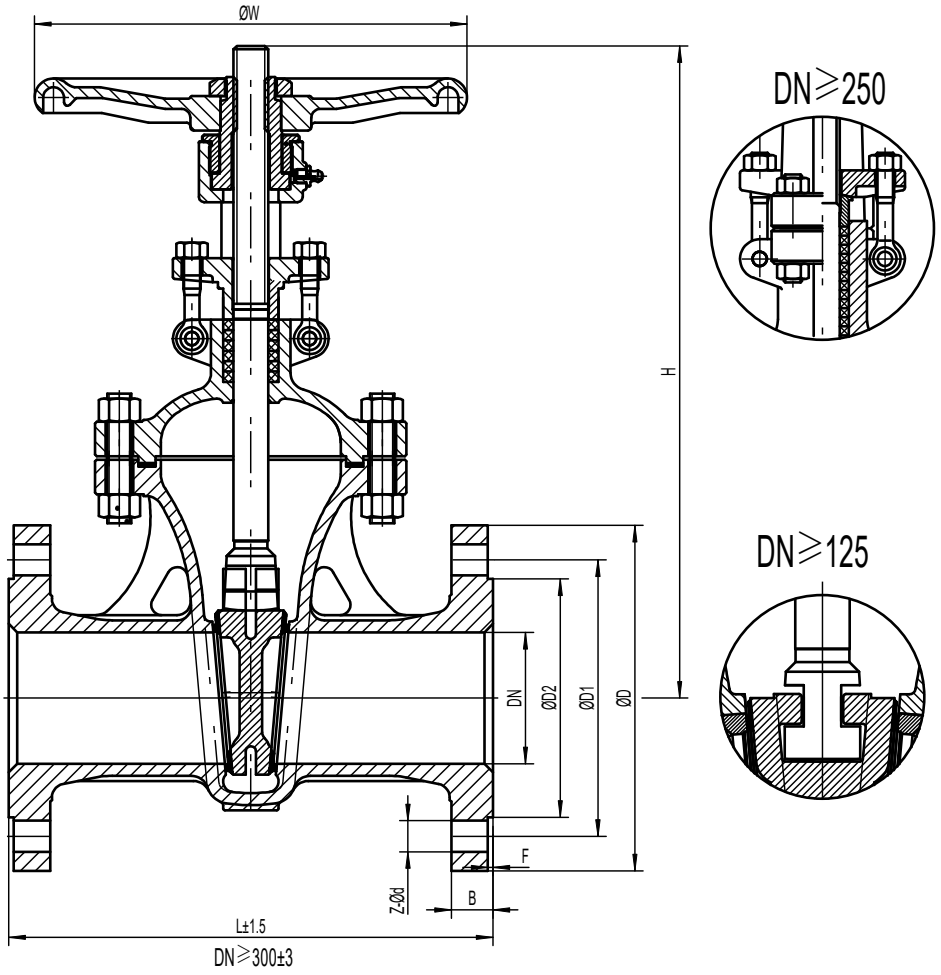
GATE VALVE
Fig. 9116XV - Materials



Item	Description	Materials
1	Body	GS-C25 + 13Cr
2	Wedge	GS-C25 + 13Cr
3	Stem	X20Cr13
4	Nut	ASTM A 194 2H
5	Stud	ASTM A 193 B7
6	Gasket	Stainless steel 304 + graphite
7	Bonnet	GS-C25
8	Packing	Graphite
9	Eye bolt	ASTM A 193 B7
10	Pin	ASTM A276 420
11	Nut	ASTM A 194 2H
12	Gland flange	GS-C25
13	Grease nipple	Copper
14	Stem nut	Copper alloy
15	Gland nut	AISI 1035
16	Handwheel	Steel C22.8
17	Lock nut	AISI 1035

Subject to changes

GATE VALVE
Fig. 9116XV - Dimensions

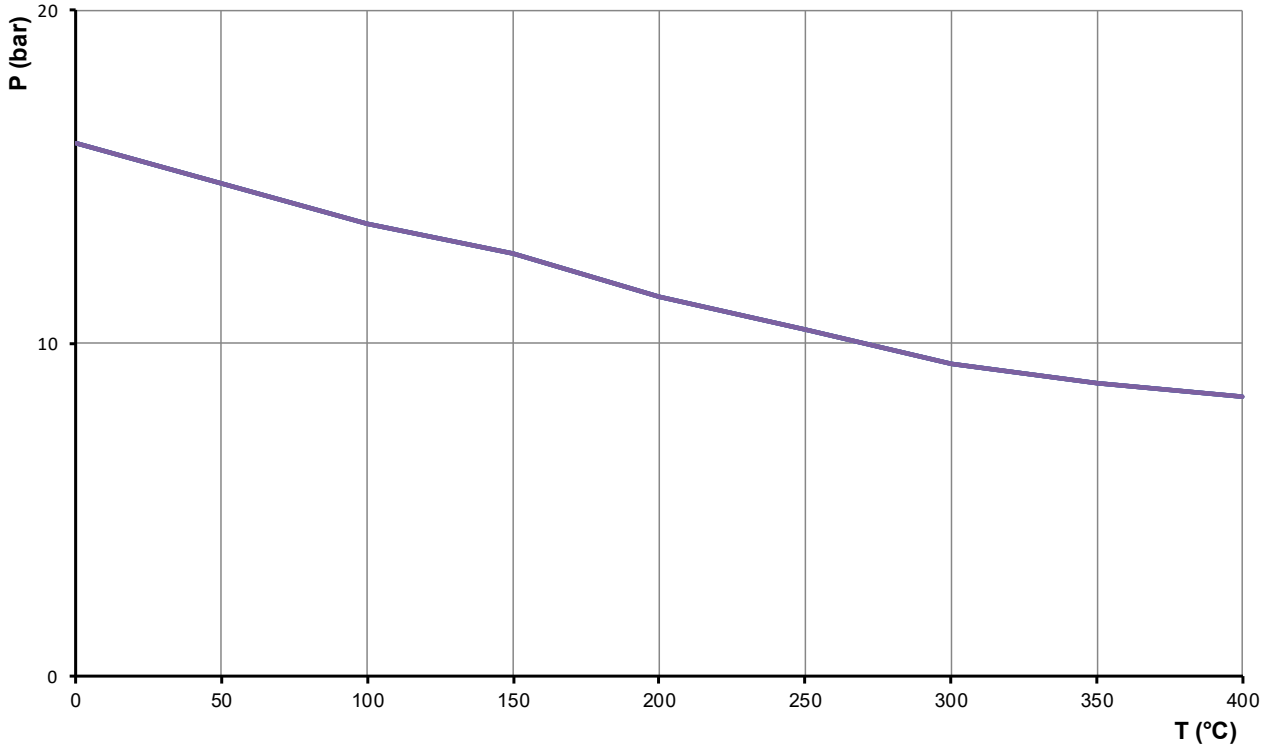


DIMENSIONS: (mm)

DN	L	D	D1	D2	F	B	Z-Ød	H	W	Kg
40	240	150	110	88	3	18	4-18	300	200	20
50	250	165	125	102	3	20	4-18	358	200	22
65	270	185	145	122	3	22	8-18	375	280	32
80	280	200	160	138	3	24	8-18	433	300	39
100	300	235	190	162	3	24	8-22	502	350	51
125	325	270	220	188	3	26	8-26	612	400	79
150	350	300	250	218	3	28	8-26	676	400	90
200	400	360	310	278	3	30	12-26	820	400	150
250	450	425	370	335	4	32	12-30	969	450	250
300	500	485	430	395	4	34	16-30	1142	500	360
350	550	555	490	450	4	38	16-33	1280	600	562
400	600	620	550	505	4	40	16-36	1452	600	696
500	700	730	660	615	4	44	20-36	1676	700	1021
600	800	845	770	720	5	46	20-39	1864	800	1258

Subject to changes

PRESSURE-TEMPERATURE CHART:



Kv VALUES (m³/h):

DN	Kv
40	38,8
50	129,4
65	234,97
80	362,69
100	1206,1
125	1551,31
150	2788,08
200	5504,51
250	8635,58
300	13329,58
350	17556,43
400	23065,14
450	31817,4
500	39404,98
600	63298,96

Subject to changes