

figure	277
ends form	threaded straight

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CHECK VALVE

body material	nominal pressure	nominal diameter	max. temperature
A grey cast iron	C 16 bar	DN 10-50	200°C



CE

correspond to the pressure equipment directive 97/23/EC
marking CE for DN≥32

FEATURES

- closing thightness acc. EN -12334
- compact settlement
- environment-friendly
- no maintenance

APPLICATION

- hot cold and cooling water plants
- low-pressure steam plants
- industrial technologies
- neutral fluids

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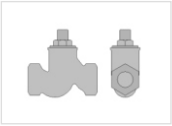
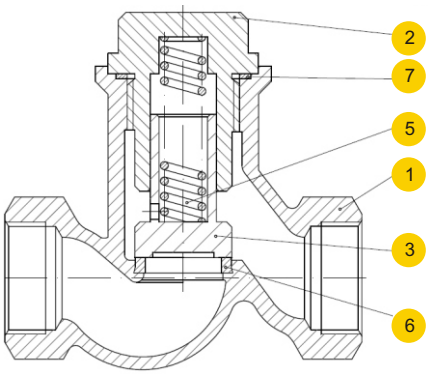


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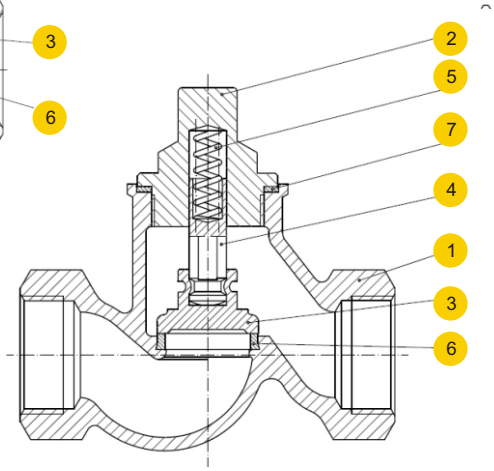
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MATERIALS

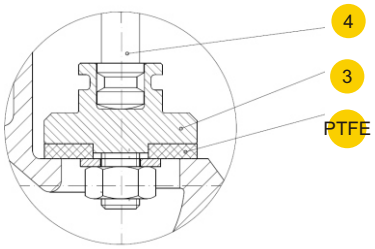
DN 10-20



DN 25-50



type 38*



	body material	A			
	type	31 (DN 10-20)	31 (DN 25-50)	41 (DN 10-20)	41 (DN 25-50)
1	body	EN – GJL-250 5.3101 (ex.JL1040)			
2	bonnet	EN – GJL-250 5.3101 (ex.JL1040)			
3	disc	X20Cr13 1.4021			
4	stem	----------	X20Cr13 1.4021	----------	X20Cr13 1.4021
5	spring	X17CrNi16-2 1.4057		----------	
6	seat ring	X12Cr13 1.4006			
7	gasket	carbamide-caoutchouc			
	max. temperature	200°C			

*** on request max. temperature 120°C**

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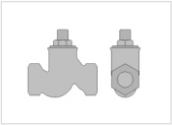
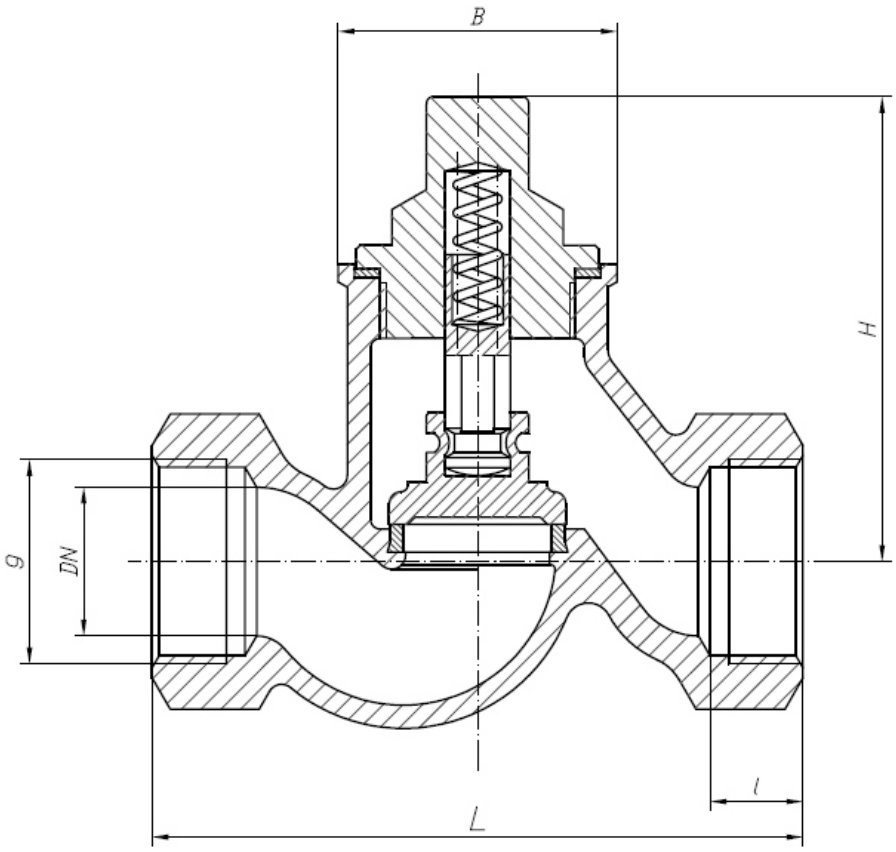


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DIMENSIONS



DN	G	L	I	H	B	
mm		mm				kg
10	3/8”	85	12	53	36	0,4
15	1/2”	90	14	56	41	0.7
20	3/4”	100	16	56	41	0,9
25	1”	120	18	82	50	1,2
32	1 1/4”	140	20	99	60	1,7
40	1 1/2”	170	22	112	68	2,2
50	2”	200	24	121	84	3,6

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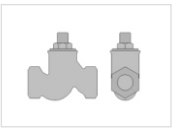
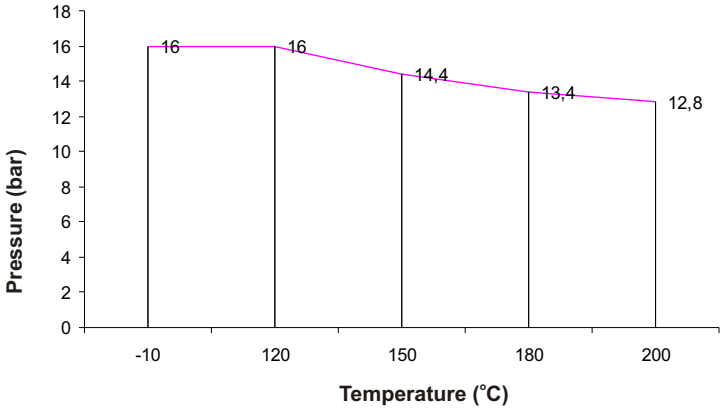


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PRESSURE-TEMPERATURE RATINGS



Allowed working conditions range
PN 16 EN-GJL-250

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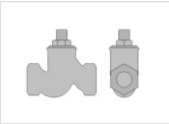


figure	277
ends form	threaded straight

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TYPES

figure	body material	nominal diameter DN	nominal pressure PN	type
277	A grey cast iron EN-GJL-250	10-50 mm	C 16bar	31 Tmax 200 °C • loose disc with spring • stem, disc and seat ring - stainless steel
				38 Tmax 120 °C • loose disc with spring • stem, disc and seat ring - stainless steel • disc gasket PTFE
				41 Tmax 200 °C • loose disc without spring • stem, disc and seat ring - stainless steel

ORDERING

To place an order please use our product number (index)

figure	body material	nominal diameter DN	nominal pressure PN	type
277	A	040	C	31

ORDER EXAMPLE 277 A 040 C 31

check valves, ends threaded, form straight	277
grey cast iron EN-GJL-250	A
nominal diameter DN40	040
nominal pressure PN16	C
loose disc with spring • stem, disc and seat ring stainless steel	31

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