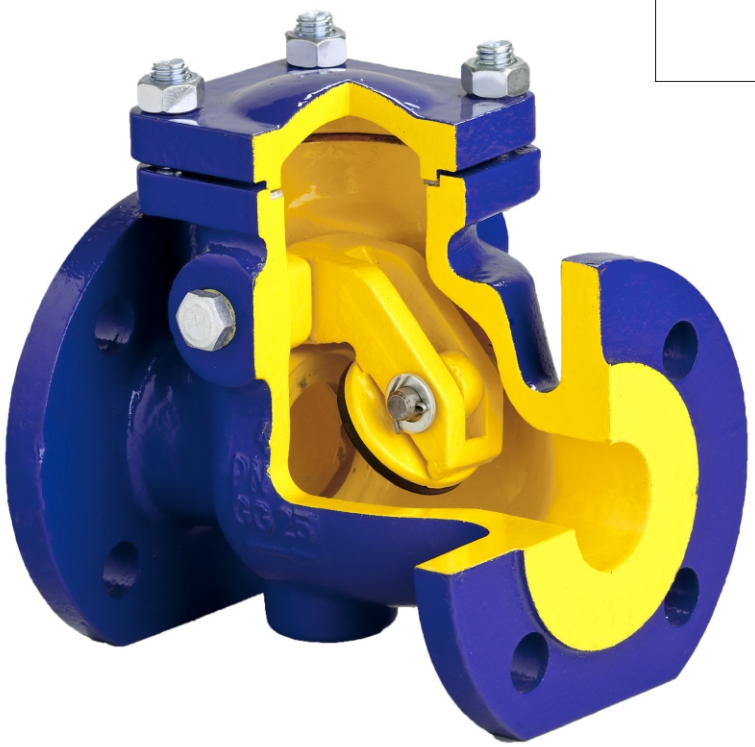


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CHECK VALVE

body material	nominal pressure	nominal diameter	max. temperature
A grey cast iron	C 16 bar	DN 40-300	300°C
	B 10 bar	DN 40-250	



CE

correspond to the pressure equipment directive 97/23/EC

FEATURES

- closing thightness acc. EN -12334
- compact settlement
- environment-friendly
- no maintenance
- flanges drilled according to EN 1092-2
- face-to-face dimension according to EN 558-1 series 48

APPLICATION

- hot and cold water plants
- steam plants
- industrial technologies
- neutral fluids
- heat and refrigerating engineering,

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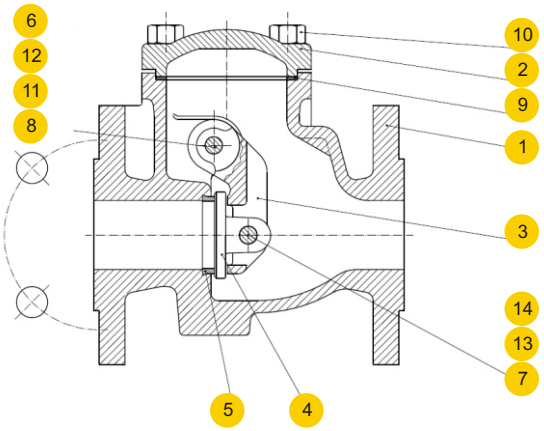


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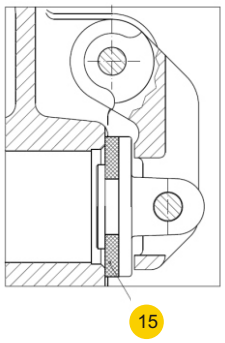
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MATERIALS

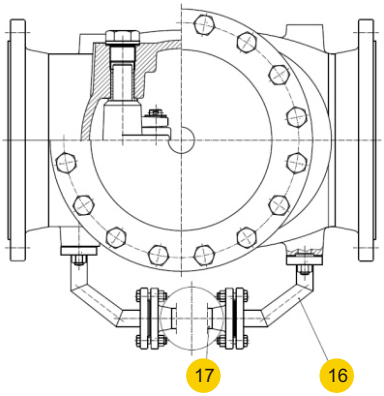
type 01; 02



type 06



type 91



	body material	A			
	type	01	02	06	91
1	body	EN – GJL-250 5.1301 (ex.JL1040)			
2	cover	EN – GJL-250 5.1301 (ex.JL1040)			
3	hinge	EN – GJS-500-7 5.3200(ex.JS1050)			
4	flap	LH14 (G-X20Cr14)	G-CuSn10-B	EN – GJS-500-7 5.3200(ex.JS1050)	LH14 (G-X20Cr14)
5	seat ring	X12Cr13 1.4006	G-CuSn10-B	-	X12Cr13 1.4006
6	pin bearing	brass for DN 200-300			
7	flap pin	X20Cr13 1.4021	CuZn40Pb2	X20Cr13 1.4021	X20Cr13 1.4021
8	pin	X20Cr13 1.4021	CuZn40Pb2	X20Cr13 1.4021	X20Cr13 1.4021
9	cover gasket	graphite CrNi			
10	bolt	8.8 A2A			
11	plug	10S20 zinc galvanized for DN 40-150 EN-GJL-250 JL1040 for DN 200-300			EN-GJL-250 JL1040
12	plug gasket	carbomide-rubber			
13	washer	carbon steel A2A			
14	split pin	X5CrNi18-10			
15	disc gasket	-	-	EPDM	-
16	pipeline	-	-	-	carbon steel
17	by-pass	-	-	-	Fig. 215
	max. temperature	300°C	225°C	120°C	300°C

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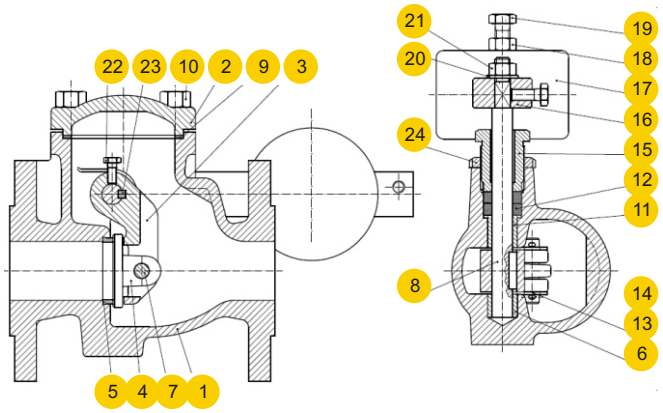


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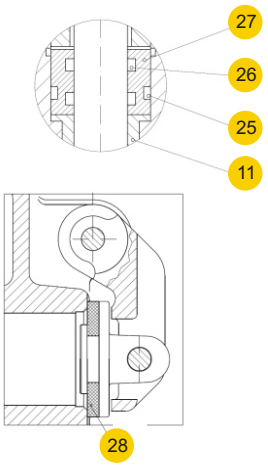
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MATERIALS

type 11; 21;12;22



type 16; 26



	body material	A		
	type	11; 21	12; 22	16; 26
1	body	EN – GJL-250 5.1301 (ex.JL1040)		
2	cover	EN – GJL-250 5.1301 (ex.JL1040)		
3	bow	EN – GJS-500-7 5.3200(ex.JS1050)		
4	flap	LH14 (G-X20Cr14)	G-CuSn10-B	EN – GJS-500-7 5.3200(ex.JS1050)
5	seat ring	X12Cr13 1.4006	G-CuSn10-B	-
6	bearing sleeve	brass for DN 200-300		
7	flap pin	X20Cr13 1.4021	CuZn40Pb2	X20Cr13 1.4021
8	shaft	X20Cr13 1.4021	CuZn40Pb2	X20Cr13 1.4021
9	cover gasket	graphite CrNi		
10	bolt	8.8 A2A		
11	neck bush	MM58 (CuZn40Mn1,5)		
12	packing.	graphite		-
13	washer	carbon steel A2A		
14	split pin	X5CrNi18-10		
15	gland	EN – GJL-250 5.1301 (ex.JL1040)		
16	hinge	S235JR		
17	weight	EN – GJL-250 5.1301 (ex.JL1040)		
18	nut	8.8 A2A		
19	bolt	33H-A2A		
20	washer	carbon steel A2A		
21	nut	8.8 A2A		
22	bolt	33H-A2A		
23	sunk key	X20Cr13 1.4021		
24	nut	KM-6A2A		
25	seat ring	-	-	EPDM
26	seat ring	-	-	EPDM
27	pilot sleeve	-	-	M63
28	disc gasket	-	-	EPDM
	max. temperature	300°C	225°C	120°C

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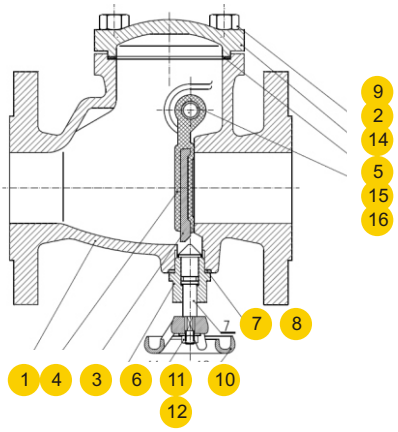


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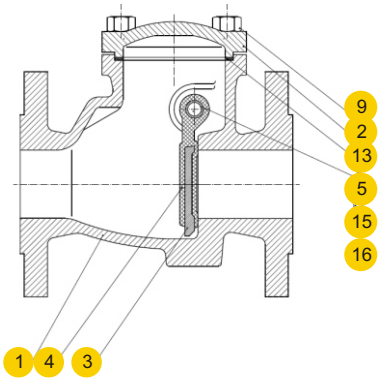
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MATERIALS

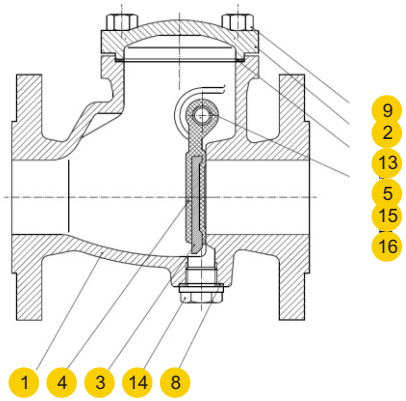
type 86



type 66



type 76



	body material	A		
	type	86	76	66
1	body	EN – GJL-250 5.1301 (ex.JL1040)		
2	covert	EN – GJL-250 5.1301 (ex.JL1040)		
3	flap	EN – GJS-500-7 5.3200(ex.JS1050)		
4	flap gasket	EPDM		
5	pin	X20Cr13 1.4021		
6	sleeve	CuZn40Mn1.5	-	-
7	stem	CuZn40Mn1.5	-	-
8	gasket	carbomide-rubber		-
9	bolt	8.8 A2A		
10	hand wheel	EN – GJL-250 5.1301 (ex.JL1040)	-	-
11	nut	8.8 A2A	-	-
12	washer	carbon steel A2A	-	-
13	cover gasket	graphite CrNi		
14	plug	-	CuZn37	-
15	plug	10S20 zinc		
16	plug gasket	carbomide-rubber		
	max. temperature	120°C		

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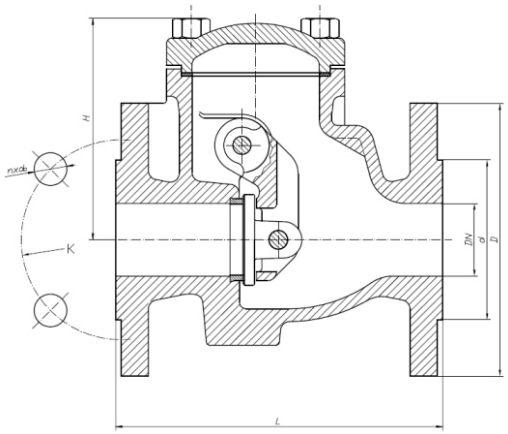


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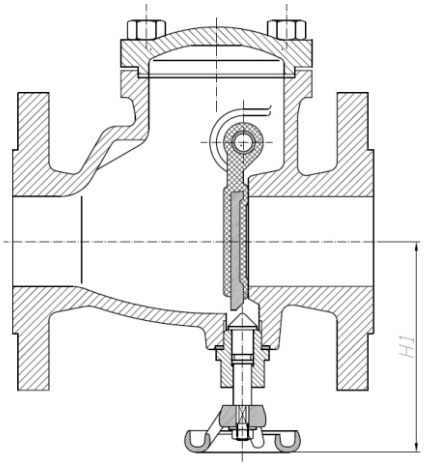
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DIMENSIONS

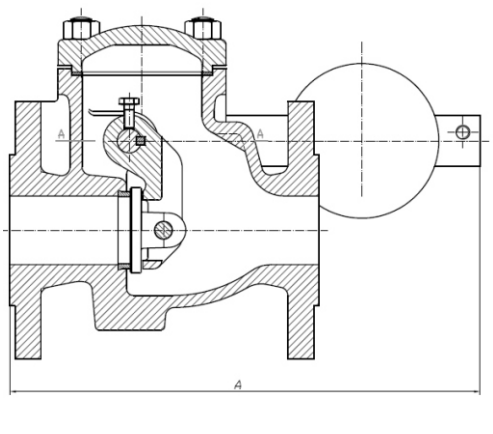
type 01; 02; 06



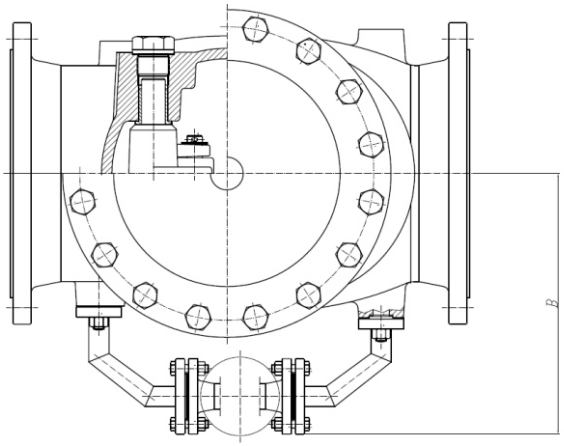
type 86



type 11; 12; 16; 21; 22; 26



type 91



DN	302						302.21,22,26		302.86	302.91	302.01 302.02 302.06	302.11.21 302.12,22 302.11,26	302.86	302.91
	L	D	d	K	nxdo	H	A	W	H1	B				
	mm										kg			
40	180	150	84	110	4x19	119	350	170	120	-	9,0	11,8	9,0	-
50	200	165	99	125	4x19	120	352	180	125	-	11,0	13,5	12,6	-
65	240	185	118	145	4x19	141	359	190	130	-	15,2	18,0	17,0	-
80	260	200	132	160	8x19	168	371	200	140	-	20,8	23,5	21,9	-
100	300	220	156	180	8x19	175	447	210	175	-	31,5	36,0	31,0	-
125	350	250	184	210	8x19	199	466	225	190	-	46,0	51,0	45,0	-
150	400	285	211	240	8x23	217	574	250	210	-	60,0	67,0	61,0	-
200	500	340	266	295	12x23	277	662	306	280	380	120	129	120	131
250	600	405	319	355	12x28	337	850	348	315	410	180	198	180	202
300	700	460	370	410	12x28	850	850	348	-	400	250	285	-	283

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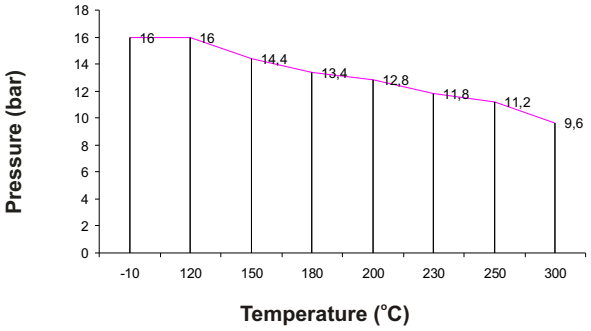
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PRESSURE-TEMPERATURE RATINGS



Allowed working conditions range
PN 16 EN-GJL-250

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figure	302
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TYPES

figure	body material	nominal diameter DN	nominal pressure PN	type
302	A grey cast iron EN-GJL-250	40-300 mm	C 16bar	01 Tmax 300 °C — flap and seat ring - stainless steel
				02 Tmax 225 °C — flap and seat ring - bronze
				06 Tmax 120 °C — flap - nodular cast iron; flap ring EPDM
		40-150 mm	C 16bar	11 Tmax 300 °C — flap and seat ring - stainless steel; counterweight and lever fitted on one side
				12 Tmax 225 °C — flap and seat ring - bronze; counterweight and lever fitted on one side
				16 Tmax 120 °C — flap - nodular cast iron; flap ring EPDM; counterweight and lever fitted on one side
		200-300 mm	C 16bar	21 Tmax 300 °C — flap and seat ring - stainless steel; counterweight and lever fitted on both side
				22 Tmax 225 °C — flap and seat ring - bronze; counterweight and lever fitted on both side
				26 Tmax 120 °C — flap - nodular cast iron; flap ring EPDM; counterweight and lever fitted on both side
		40-250 mm	B 10bar	66 Tmax 120 °C — EPDM covered flap
				76 Tmax 120 °C — EPDM covered flap; closing EPDM/cast iron plug
				86 Tmax 120 °C — EPDM covered flap; rising pin
		200-300 mm	C 16bar	91 Tmax 300 °C — flap and seat ring - stainless steel; by pass

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figure	302
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TYPES

figure	body material	nominal diameter DN	nominal pressure PN	type
302	A grey cast iron EN-GJL-250	40-300 mm	C 16bar	**01-D** Tmax 80 °C • flap and seat ring - stainless steel • epoxy paint
				06-D Tmax 80 °C • flap - nodular cast iron • flap ring EPDM • epoxy paint
		40-150 mm	C 16bar	**11-D** Tmax 80 °C • flap and seat ring - stainless steel • counterweight and lever fitted on one side • epoxy paint
				16-D Tmax 80 °C • flap - nodular cast iron • flap ring EPDM • counterweight and lever fitted on one side • epoxy paint
		200-300 mm	C 16bar	**21-D** Tmax 80 °C • flap and seat ring - stainless steel • counterweight and lever fitted on both side • epoxy paint
				26-D Tmax 80 °C • flap - nodular cast iron • flap ring EPDM • counterweight and lever fitted on both side • epoxy paint
		40-250 mm	B 10bar	**66-D** Tmax 80 °C • EPDM covered flap • epoxy paint
				86-D Tmax 80 °C • EPDM covered flap • rising pin • epoxy paint

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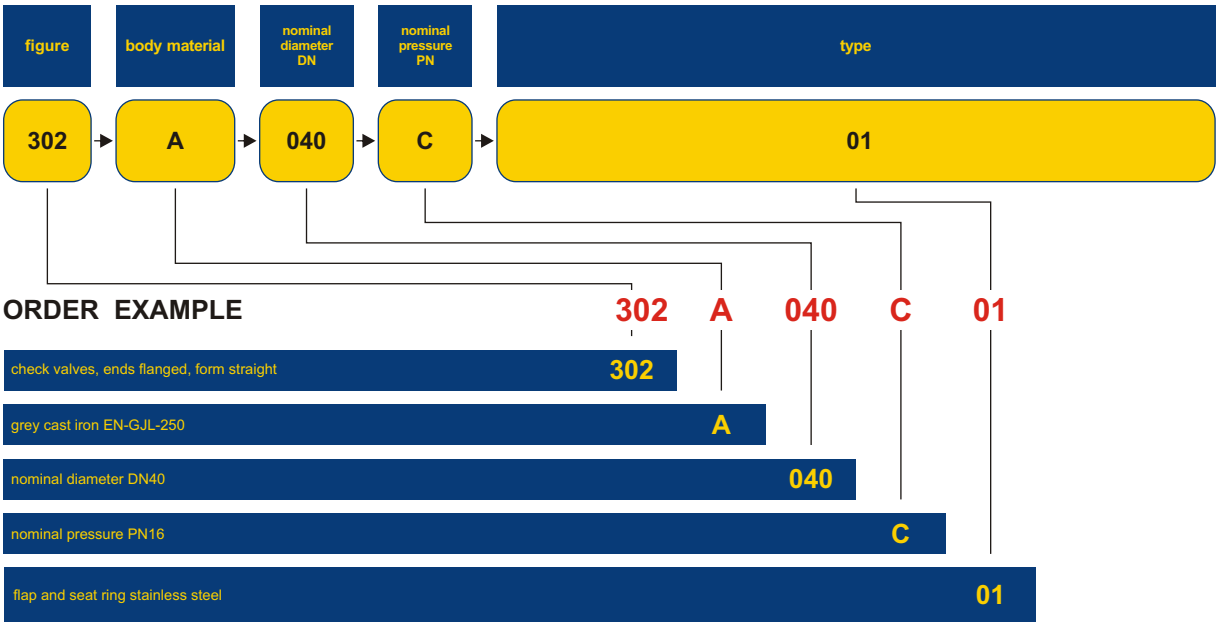


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ORDERING

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



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