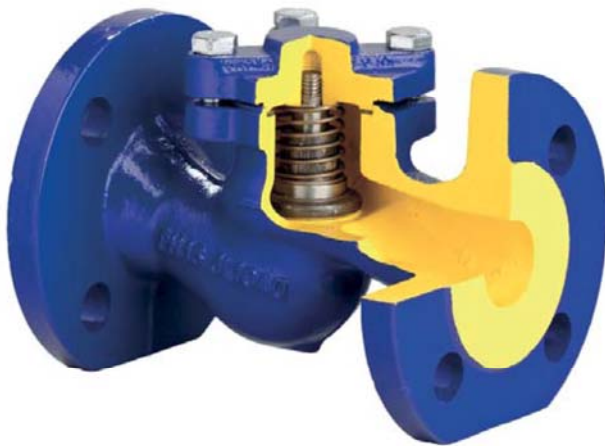


SERIE 11
 111402

Check valves with flanged ends

Nominal diameter options (DN) 15-300
 Nominal pressure options (PN) 16-25-40
 Maximum working temperature (°C) Depends on the material



FEATURES

- Closing tightness acc. to EN-12334
- Face-to-face dimensions acc. to EN558-1
- Flanges drilled acc. to EN1092-1

APPLICATIONS

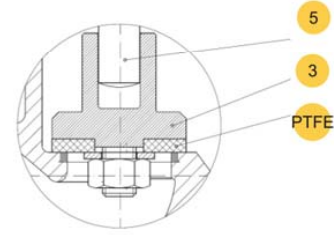
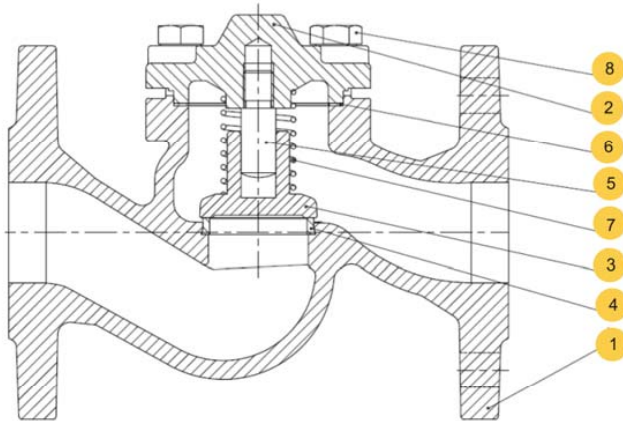
- Hot and cold waterplants
- Steam plants
- Different industries

TYPE	BODY	NOMINAL PRESSURE	NOMINAL DIAMETER	MAX. WORKING TEMPERATURE
111402 A	Grey cast iron GG-25	C = 16 bar	DN 15-300	300 °C
111402 C	Nodular cast iron GGG-40	C = 16 bar	DN 15-200	350 °C
		D = 25 bar	DN 15-200	350 °C
111402 F	Cast steel GSC-25	E = 40 bar	DN 15-200	400 °C
111402 E	Bronze RG-5	A = 16 bar	DN 250-300	225 °C
		B = 10 bar	DN 150-200	225 °C
		C = 16 bar	DN 15-125	225 °C

Check valves with flanged ends

SERIE 11

MATERIALS AND PARTS



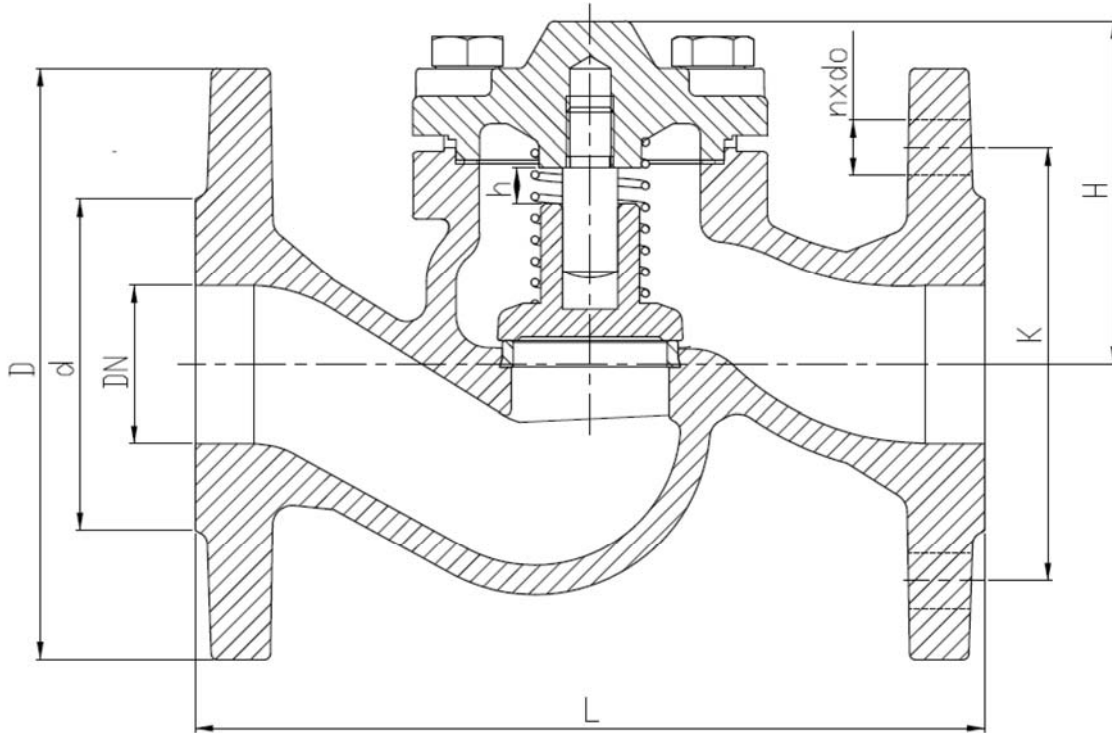
PTFE seat ring, for example type C

	Part	A	C	F	A	C	E
1	Body	EN-GJL-250 JL1040	EN-GJLG- JL-400-18 JS1025	GP240GH 1.0619	EN-GJL-250 JL1040	EN-GJLG- JL-400-18 JS1025	CuSn5Zn5Pb5-C
2	Cover	EN-GJL-250 JL1040	EN-GJLG- JL-400-18 JS1025	GP240GH 1.0619	EN-GJL-250 JL1040	EN-GJLG- JL-400-18 JS1025	CuSn5Zn5Pb5-C
3	Disc	X20Cr13 1.4021			CuSn10		DN15-32 CuZn35Ni DN40-300 CuSn5Z5Pb5-C
4	Seat ring	X12Cr13 1.4006					CuSn5Zn5Pb5-C
5	Stem	X20Cr13 1.4021					DN15-32 CuZn35Ni DN40-300 CuSn5Z5Pb5-C
6	Gasket	Graphite CrNi					FA1
7	Spring	X17CrNi16-2 1.4057			CuSn6		-
8	Hexagon bolt	8.8 A2A					
Max. temp. °C		300 °C	350 °C	400°C	225 °C		

STAINLESS STEEL material option also available.

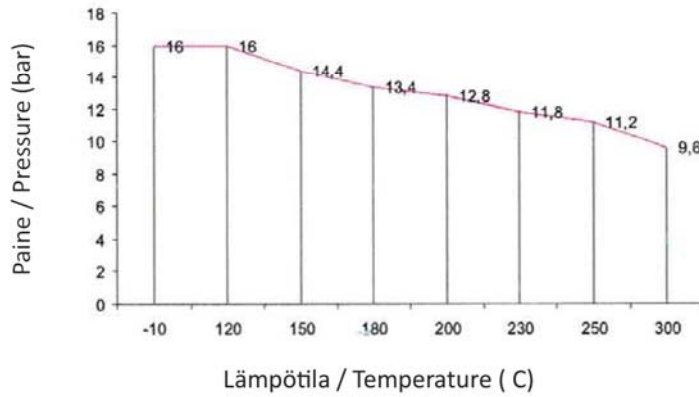


DIMENSIONS

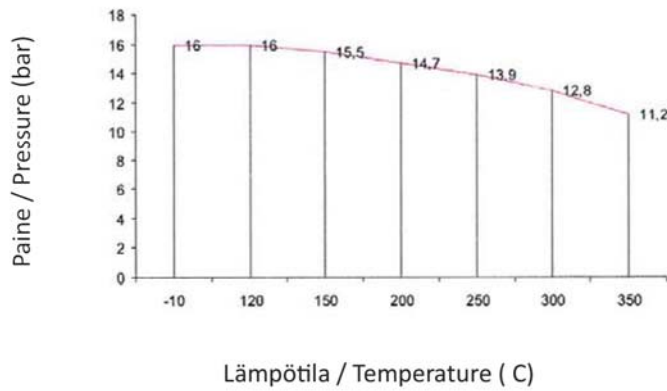


DN	PN 16 PN 25 PN 40	PN 16				PN 25				PN 40				PN 16 PN 25		PN 40		A, C	F	E
	L	D	d	K	nxdo	D	d	K	nxdo	D	d	K	nxdo	h	H	h	H			
mm																		kg		
15	130	95	46	65	4x14	95	46	65	4x14	95	45	65	4x14	5	56	6	75	2,1	3,5	3,5
20	150	105	56	75	4x14	105	56	75	4x14	105	58	75	4x14	5	56	6	75	2,7	4,5	4,0
25	160	115	65	85	4x14	115	65	85	4x14	115	68	85	4x14	8	67	6	75	3,8	5,5	5,0
32	180	140	76	100	4x19	140	76	100	4x19	140	78	100	4x18	8	76	10	91	5,5	8,0	6,0
40	200	150	84	110	4x19	150	84	110	4x19	150	88	110	4x18	11	89	10	91	7,4	11,0	8,5
50	230	165	99	125	4x19	165	99	125	4x19	165	102	125	4x18	14	96	16,5	124	9,5	14,0	11,0
65	290	185	118	145	4x19	185	118	145	8x19	185	122	145	8x18	17	104	16,5	125	15,0	23,0	15,0
80	310	200	132	160	8x19	200	132	160	8x19	200	138	160	8x18	21	124	25	175	20,0	30,0	20,0
100	350	220	156	180	8x19	235	156	190	8x23	235	162	190	8x22	25	161	25	176	29,0	47,0	25,0
125	400	250	184	210	8x19	270	184	220	8x28	270	188	220	8x26	32	174	40	260	41,0	70,0	40,0
150	480	285	211	240	8x23	300	211	250	8x28	300	218	250	8x26	38	197	40	260	66,0	96,0	55,0
200	600	340	266	295	12x23	360	274	310	12x28	375	285	320	12x30	50	248	50	270	111	100	95
250	730	405	319	355	12x28	-	-	-	-	-	-	-	-	65	295	-	-	196	-	140
300	850	460	370	410	12x28	-	-	-	-	-	-	-	-	95	315	-	-	302	-	250

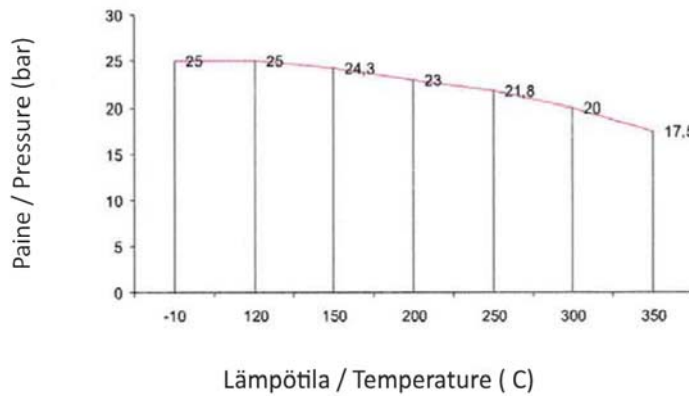
PRESSURE TEMPERATURE RATINGS



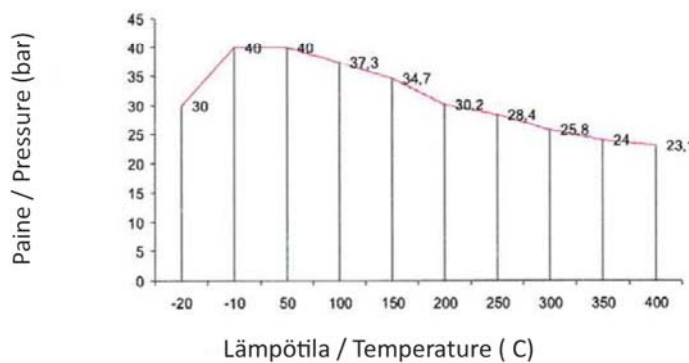
Sallitut käyttöarvot
 Allowed working conditions range
 PN 16 EN-GJL-250



Sallitut käyttöarvot
 Allowed working conditions range
 PN 16 EN-GJS-400-18-LT



Sallitut käyttöarvot
 Allowed working conditions range
 PN 25 EN-GJS-400-18-LT



Sallitut käyttöarvot
 Allowed working conditions range
 PN 40 GP24GH 1.0619