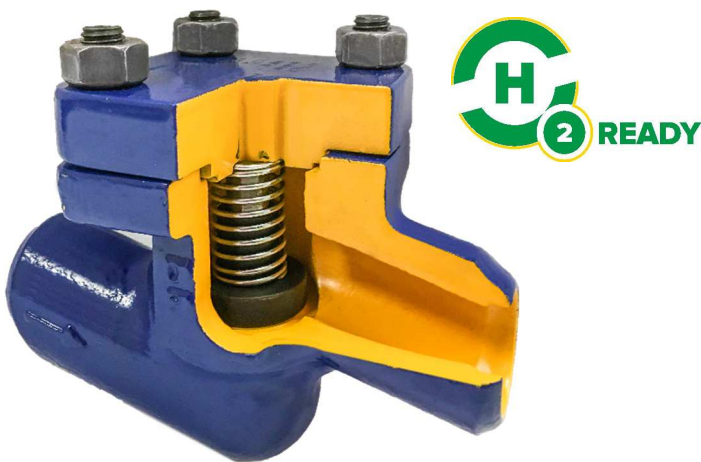


FIG.297



CHECK VALVE zCHE



Body material	Nominal pressure	Nominal diameter	Max. temperature
F Cast steel	E 40 bar	DN 15-200	450°C
I Cast stainless steel	E 40 bar	DN 15-200	400°C



correspond to the pressure equipment directive 2014/68/UE marking CE for DN≥32

FEATURES

- closing tightness class D acc. to EN -12266-1
- compact settlement
- environment-friendly
- no maintenance
- face-to-face dimension according to EN 558 series 1

APPLICATION *

* not all of the applications are suitable for all of the executions
On the website www.zetkama.com.pl is a Chemical Resistance List, which specifies the parameters of work for a given medium

industries



INDUSTRY



SHIPBUILDING
INDUSTRY



HEATING



REFRIGERATION
AND AIR
CONDITIONING



CHEMICAL
INDUSTRY

media



GLYCOL



INDUSTRIAL
WATER



DIATHERMIC OIL



STEAM



COMPRESSED
AIR



NEUTRAL
FLUIDS



HYDROGEN

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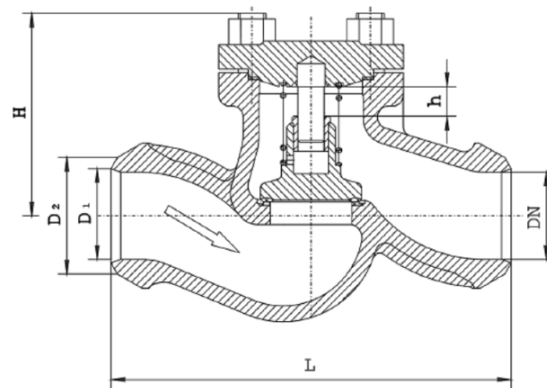
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FIG.297

MATERIAŁY, WYMIARY

DN 15-200



	Body material	F DN 65-300	I DN 32-300
	Type	31	31
1	Body	GP240GH	GX5CrNiMo19-11-2
2	Cover	P265GH	X6CrNiTi18-10
3	Disc	X20Cr13 1.4021	GX5CrNiMo19-11-2
4	Gasket	Graphite CrNi	
Max. temperature		450°C	400°C

Body material	F, I											
DN	15	20	25	32	40	50	65	80	100	125	150	200
D1 (mm)	17	22	28	37	43	54	70	82	105	132	159	208
D2 (mm)	22	28	34	43	49	61	83	96	121	147	176	228
L (mm)	130	130	130	180	200	230	290	310	350	400	480	600
H (mm)	56	56	80	105	112	122	150	170	195	203	223	274
h (mm)	7	7	8	8	10	10	16	20	25	32	45	60
Weight (kg)	1,3	1,8	2,5	6,0	8,0	12,0	16,0	24,0	35,0	42,0	68,0	120,0

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PRESSURE-TEMPERATURE RATINGS

EN 1092-1	PN		-40°÷<-10°C	-10°÷<50°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C
GP240GH	40	bar	30	40	37,1	35,2	33,3	30,4	27,6	25,7	23,8	13,1
EN 1092-1			-60°÷<-10°C		-10°C÷100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C
G-X5CrNiMo19-11-2	40		40		40	36,3	33,7	31,8	29,7	28,5	27,4	---

Other type of valves on request.

TYPE

Figure		Body material		Nominal diameter		Nominal pressure		Type
297		F Cast steel GP240GH		15-200 mm		E 40 bar		31 loose disc with spring; stem, disc and seat ring - stainless steel
297		I Cast stainless steel GX5CrNiMo19-11-2		15-200 mm		E 40 bar		31 loose disc with spring; stem, disc and seat ring - stainless steel
				15-200 mm		E 40 bar		31-H loose disc with spring; stem, disc and seat ring - stainless steel, type for hydrogen

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FIG.297

ORDERING

Figure	Body material	Nominal diameter	Nominal pressure	Type
297	F Cast steel GP240GH	15-200 mm	E 40 bar	31 loose disc with spring; stem, disc and seat ring - stainless steel

Order example acc. index

297F050E31

297F050E31

Check valves, ends welded, form straight
Cast steel GP240GH
Nominal diameter (mm)
Nominal pressure PN 40
Loose disc with spring; stem, disc and seat ring - stainless steel

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