

BELLOW SEALED STOP VALVE zBEL



Body material	Nominal pressure	Nominal diameter	Max. temperature
F Cast steel	E 40 bar	DN 15-300	450°C
I Cast stainless steel	E 40 bar	DN 15-300	400°C

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



FEATURES

- high tightness (leakproofness class - A acc. to EN - 12266 - 1
- compact settlement
- environment friendly
- tests acc. to EN - 12266 - 1
- face-to-face dimension according to EN 558 series 1
- weld ends according to EN 12627

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.

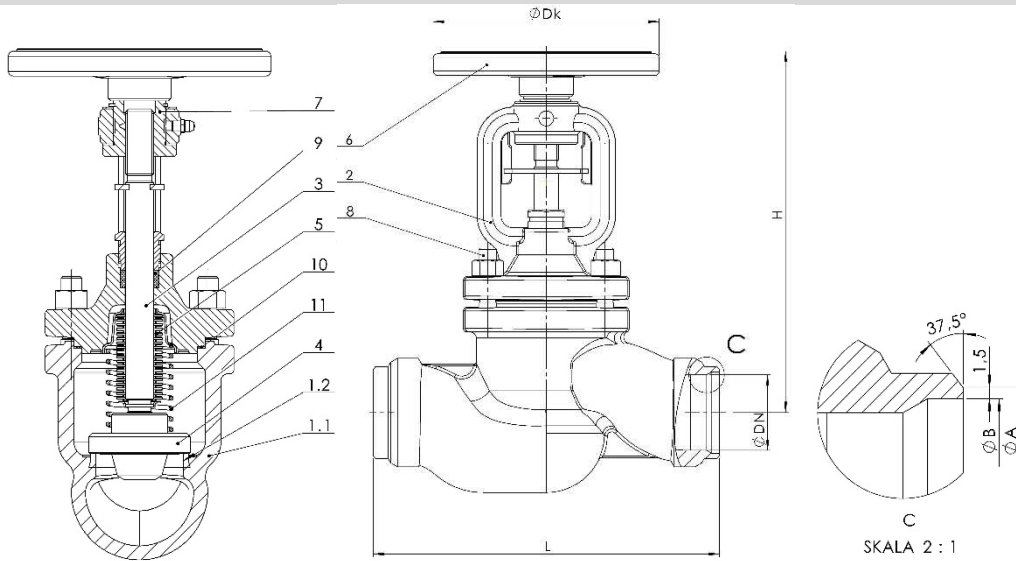
industries						
	INDUSTRY	SHIPBUILDING INDUSTRY	HEATING	REFRIGERATION AND AIR CONDITIONING	CHEMICAL INDUSTRY	
media						
	GLYCOL	INDUSTRIAL WATER	DIATHERMIC OIL	STEAM	COMPRESSED AIR	NEUTRAL FLUIDS

Data given can be changed without notice.

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FIG.237

MATERIALS, DIMENSIONS



	Body material	F		I	
		01; 04 71	31	01; 04 71	31
1.1	Body	GP240GH 1.0619		G-X5CrNiMo19-11-2 1.4408	
1.2	Seat	G199 LSi		G199 LSi	
2	Bonnet	GP240GH 1.0619		G-X5CrNiMo19-11-2 1.4408	
3	Stem	X20Cr13 1.4021		X6CrNiMoTi17-12-2 1.4571	
4	Disc	X20Cr13 1.4021		X6CrNiMoTi17-12-2 1.4571	
5	Bellow	X6CrNiMoTi17-12-2 1.4571			
6	Hand-wheel	Steel			
7	Stud bolt	25CrMo4		A4-70	
8	Nut	25CrMo4		A4	
9	Gland packing	Graphite			
10	Gasket	Graphite			
11	Spring	----	X17CrNi16-2	----	X17CrNi16-2
Max. temperature		450°C		400°C	

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L (mm)	130	150	160	180	200	230	290	310	350	400	480	600	730	850
Dk (mm)	125	125	125	125	200	200	250	250	300	300	400	500	500	640
H	190	190	190	195	240	240	270	300	450	520	570	627	665	777
A (mm)	22	28	35	44	50	61	77	91	117	144	157,1	223	278	329
B (mm)	17,3	22,3	28,5	37,2	43,1	54	68,9	80,9	104,3	130,7	172	204,9	257	308
Kvs (m³/h)	5,3	8,4	12,3	22	29	44	74,8	111,5	182	232,5	337,5	1078	---	---
Weight (kg)	3,0	3,5	3,8	4	7,9	8,1	15,1	20,4	34,7	53,8	77	139	275	450

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ZETKAMA Sp. z o.o.
Ul. 3 Maja 12
PL 57-410 Ścinawka Średnia

Tel. +48 74 8652 193
Tel. +48 74 8652 111
Fax +48 74 8652 199

E-mail export@zetkama.com.pl
www.zetkama.com

PRESSURE-TEMPERATURE RATINGS

Acc. EN 1092-1	PN	-40°÷<-10°C	-10°C÷100°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C
GP240GH	40	30	40	37,1	35,2	33,3	30,4	27,6	25,7	23,8	13,1
Acc. EN 1092-1	40	-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	---

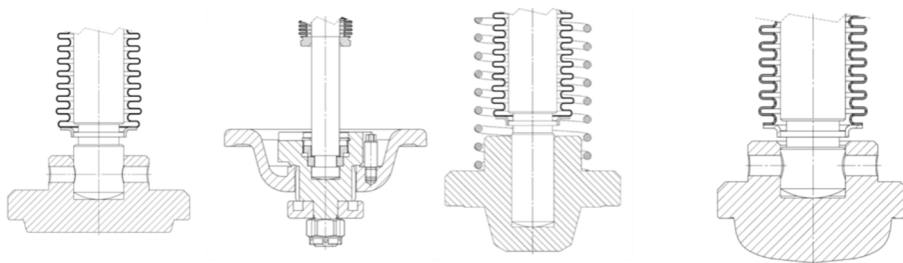
DISC

type 01

type 04

type 31, 40,

type 71



Other type of valves on request:

- stellited seat
- hardened disc
- other

FIG.237



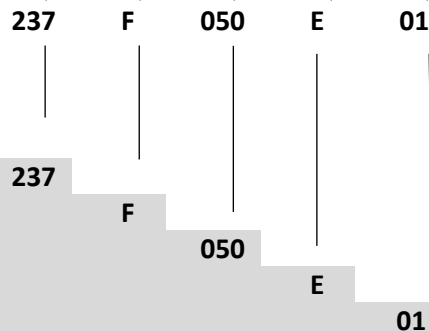
TYPE

Figure	Body material	Nominal diameter	Nominal pressure	Type
237	F Cast steel GP240GH	15-100 mm	E 40 bar	stop valve; seat - stainless steel 01
		125-300 mm	E 40 bar	stop valve; balancing disc; seat - stainless steel 04
		15-200 mm	E 40 bar	stop check valve; seat - stainless steel 31
		15-200 mm	E 40 bar	stop valve; throttling disc, seat - stainless steel 71
237	I Cast stainless steel G-X5CrNiMo19-11-2	15-100 mm	E 40 bar	stop valve; seat - stainless steel 01
		125-300 mm	E 40 bar	stop valve; balancing disc; seat - stainless steel 04
		15-200 mm	E 40 bar	stop check valve; seat - stainless steel 31
		15-200 mm	E 40 bar	stop valve; throttling disc, seat - stainless steel 71

ORDERING

Figure	Body material	Nominal diameter	Nominal pressure	Type
237	F Cast steel GP240GH	15-100 mm	E 40 bar	stop valve; seat - stainless steel 01

Order example acc. index



Bellow valve, ends welded, form straight
 Cast steel GP240GH
 Nominal diameter (mm)
 Nominal pressure PN 40
 Stop valve; seat - stainless steel

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ZETKAMA Sp. z o.o.
 Ul. 3 Maja 12
 PL 57-410 Ścinawka Średnia

Tel. +48 74 8652 193
 Tel. +48 74 8652 111
 Fax +48 74 8652 199

E-mail export@zetskama.com.pl
 www.zetskama.com