FIG.215 (PN 63 - 160)

ZETKAMA

STOP VALVES zFAG



Body material	Nominal pressure	Nominal diameter	Max. temperature
G Forged steel	**H** 160 bar G 100 bar F 63 bar	DN **15-50** DN **15-25** DN **15-25**	450°C
Q Alloy steel	**H** 160 bar G 100 bar F 63 bar	DN **15-50** DN **15-25** DN **15-25**	550°C

CE 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

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 | POWER ENGINEERING

media

GLYCOL | INDUSTRIAL WATER | DIATHERMIC OIL | STEAM | COMPRESSED AIR | NEUTRAL FLUIDS

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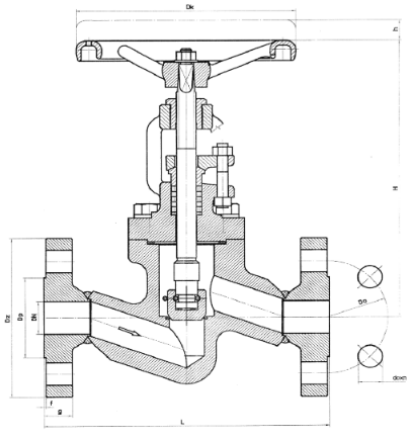
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FIG.215 (PN 63 - 160)

MATERIALS, DIMENSIONS

DN 15-25 PN63, 100
DN 15-50 PN160
type 00



	Body material	G	Q
	Type	**00**	**00**
1	Body	P245GH	13CrMo4-5
2	Seat ring	18-8 CrNi	Stellite
3	Bonnet	P245GH	13CrMo4-5
4	Stem	X20Cr13	X22CrMoV12-1
5	Disc	X20Cr13	13CrMo4-5
6	Gasket	Graphite	Graphite
Max. temperature		**450°C**	**550°C**

DN	**15**	**20**	**25**	**32**	**40**	**50**
Type	**00**					
L (mm)	210	230	230	---	300	350
f (mm)	2	2	2	2	3	3
g (mm)	20	22	24	---	28	30
H (mm)	195	195	255	270	270	390
h (mm)	12	12	14	18	18	30
Dk (mm)	120	120	160	200	200	250
Weight (kg)	6,0	9,0	11,0	---	---	---

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FIG.215 (PN 63 - 160)

PRESSURE-TEMPERATURE RATINGS

		Temperature [° C]																		
Material	**PN**	**-10 < do <50**	**100**	**150**	**200**	**250**	**300**	**350**	**400**	**450**	**460**	**470**	**480**	**490**	**500**	**510**	**520**	**530**	**540**	**550**
P245GH GP240 GH	**63**	63	58,5	55,5	52,5	48,0	43,5	40,5	37,5	20,7	-	-	-	-	-	-	-	-	-	-
	100	100	92,8	88,0	83,3	76,1	69,0	64,2	59,5	32,8	-	-	-	-	-	-	-	-	-	-
	160	160	148,5	140,9	133,3	121,9	110,4	102,8	95,2	52,5	-	-	-	-	-	-	-	-	-	-
13CrMo4-5 G17 CrMo 5-5	**63**	63	63	63	63	63	63	60,0	56,7	53,1	50,5	47,9	45,4	42,8	41,1	34,8	28,2	23,4	18,3	14,7
	100	100	100	100	100	100	100	95,2	90,0	84,2	80,2	76,1	72,0	68,0	65,2	55,2	44,7	37,1	29,0	23,3
	160	160	160	160	160	160	156	146	137	124	119	114	109	99	89	79	70	59	46	37

FLANGE DIMENSIONS ACC. PN-EN 1092-1

DN		**15**	**20**	**25**	**32**	**40**	**50**
PN63	**D (mm)**	105	130	140	-	-	-
	K (mm)	75	90	100	-	-	-
	nxd (mm)	14X4	18X4	18X4	-	-	-
PN100	**D (mm)**	105	130	140	-	-	-
	K (mm)	75	90	100	-	-	-
	nxd (mm)	14X4	18X4	18X4	-	-	-
PN160	**D (mm)**	105	130	140	155	170	195
	K (mm)	75	90	100	110	125	145
	nxd (mm)	14X4	18X4	18X4	22x4	22x4	26x4

Other type of valves on request:

- stellited seat
- hardened disc
- stellited disc
- other

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FIG.215 (PN 63 - 160)

TYPE

Figure	Body material	Nominal diameter	Nominal pressure	Type
215	G forged steel P245GH	15-50 mm	H 160 bar	00 stem and disc connection - fixed; stem, disc -stainless steel
		15-25 mm	G 100 bar	00 stem and disc connection - fixed; stem, disc -stainless steel
		15-25 mm	F 63 bar	00 stem and disc connection - fixed; stem, disc -stainless steel
	Q alloy steel 13CrMo4-5	15-50 mm	H 160 bar	00 stem and disc connection - fixed; stem, disc -stainless steel
		15-25 mm	G 100 bar	00 stem and disc connection - fixed; stem, disc -stainless steel
		15-25 mm	F 63 bar	00 stem and disc connection - fixed; stem, disc -stainless steel

ORDERING

Figure	Body material	Nominal diameter	Nominal pressure	Type
215	G forged steel P245GH	15-50 mm	H 160 bar	00 stem and disc connection - fixed; stem, disc -stainless steel

Order example acc. index **215 G 050 H 00**

Stop valve, ends welded, form straight	215
Forged steel P245GH	G
Nominal diameter (mm)	050
Nominal pressure PN 160	H
Stem and disc connection - fixed; stem, disc -stainless steel	00

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