



STOP VALVES zFAG



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



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 12982 series 65 for DN 25-50
- welded ends acc. 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



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PETROCHEMICAL
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POWER
ENGINEERING



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media



GLYCOL



INDUSTRIAL
WATER



DIATHERMIC OIL



STEAM



COMPRESSED
AIR



NEUTRAL
FLUIDS

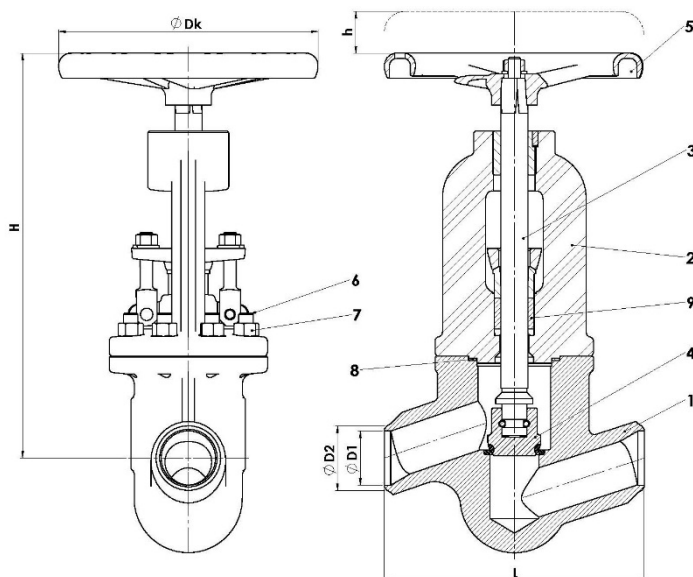
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MATERIALS, DIMENSIONS

DN 15-25 PN63, 100

DN 15-50 PN160



	Body material	G	Q
	Type	00	00
1	Body	P245GH 1.0352	13CrMo4-5 1.7335
2	Bonnet	P245GH 1.0352	13CrMo4-5 1.7335
3	Stem	X20Cr13+QT 1.4021	X22CrMoV12-1+QT 1.4923
4	Disc	X17CrNi16-2+QT 1.4057	13CrMo4-5 + stellit 1.7335
5	Hand-wheel	EN-GJS-500-7	
6	Stud bolt	42CrMo4+QT 1.7225	X22CrMoV12-1+QT 1.4923
7	Nut		
8	Bonnet gasket	spiral gasket(steel + graphite)	
9	Gland packing	Graphite	
Max. temperatura		450°C	550°C

DN	15	20	25	32	40	50
L (mm)	160	160	160	180	210	250
Dk (mm)	120	120	160	200	200	250
H	195	195	255	270	270	390
h	12	12	14	18	18	40
Weight (kg)	3,75	3,60	7,50	8,50	12,50	21,5

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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	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	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	160	152,3	144,0	134,8	128,3	121,8	115,3	108,8	104,3	88,3	71,6	59,4	46,4	37,3

DIMENSIONS OF WELDING ENDS

DN		15	20	25	32	40	50
PN63	D1 (mm)	17	22	28	-	-	-
	D2 (mm)	22	28	34	-	-	-
PN100	D1 (mm)	17	22	28	-	-	-
	D2 (mm)	22	28	34	-	-	-
PN160	D1 (mm)	17	22	27	35	41	51
	D2 (mm)	24	28	34	43	49	62

Other type of valves on request:

- stellited seat
- hardened disc
- stellited disc
- other

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TYPE

Figure	Body material	Nominal diameter	Nominal pressure	Type
217	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; stellite
		15-25 mm	G 100 bar	00 stem and disc connection - fixed; stem, disc -stainless steel; stellite
		15-25 mm	F 63 bar	00 stem and disc connection - fixed; stem, disc -stainless steel; stellite

ORDERING

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

Order example acc. index

217 G 050 H 00
217 G 050 H 01

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

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