

 **STOP VALVE zFAG**



Body material	Nominal pressure	Nominal diameter	Max. temperature
G Forged steel	U 250 bar	DN 15-50	450°C
	W 320 bar		
	Y 500 bar		
Q Alloy steel	U 250 bar	DN 15-50	650°C
	W 320 bar		
	Y 500 bar		














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

APPLICATION *

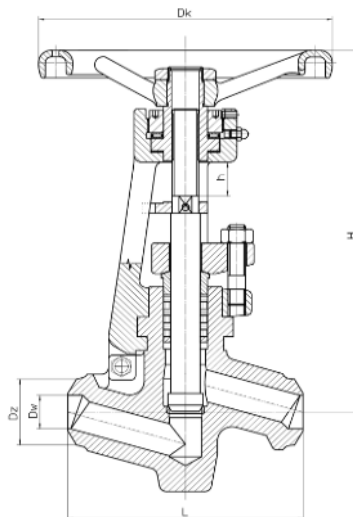
* not all of the applications are suitable for all of the executions
On the website www.zetkama.com.pl is a Chemical Resistance List, which specifies the parameters of work for a given medium

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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MATERIALS, DIMENSIONS



	Body material	G		Q		
		00 71	00 71	00 71	00 71	00 71
1	Body	P245GH	13CrMo4-5	11CrMo9-10	16Mo3	X10CrMoVNb9-1
2	Seat ring	Stellite				
3	Bonnet	P245GH	13CrMo4-5	11CrMo9-10 DN 15-25 13CrMo4-5 DN 32-50	13CrMo4-5	X10CrMoVNb9-1
4	Stem	X39CrMo17-1	X22CrMoV12-1			X7CrMoBNb16-16
5	Disc	Stellite				
6	Gasket	Graphite				
Max. temperature		450°C	550°C	580°C	530°C	650°C

DN		15	20	25	32	40	50
Dw (mm)	PN 250	16,0	20,0	26,5	30,0	38,5	45,0
	PN 320	15,0	20,0	24,0	30,0	36,0	49,5
	PN 500	16,5	20,0	23,5	30,0	33,5	45,0
Dz (mm)	PN 250	22	27	35	40	49	61
	PN 320	22	28	35	40	49	77
	PN 500	32	38	47	58	66	86
L (mm)		160	160	160	250	250	250
H (mm)		275	275	275	365	365	365
h (mm)		20	20	20	25	25	25
Dk (mm)		200	200	200	320	320	320
Weight (kg)		8,0	8,0	8,0	28,5	28,0	27,5

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PRESSURE-TEMPERATURE RATINGS

	PN		100°C	300°C	400°C	450°C	500°C	510°C	530°C	550°C		
P245GH	320	bar	320	308	216	132	---	---	---	---		
	500		500	400	320	235	---	---	---	---		
13CrMo4-5	320		320	320	320	320	266	223	150	93		
	500		500	500	500	500	383	324	218	137		
16Mo3	320		320	320	298	288	179	136	66	---		
	500		500	500	453	437	290	231	146	---		
	PN		450°C	500°C	510°C	530°C	550°C	580°C	600°C	620°C	640°C	650°C
11CrMo9-10	320	bar	320	286	250	188	138	88	-----	-----	---	---
	500		500	421	368	281	212	137	-----	-----	---	---
X10CrMoVNb9-1	500		500	500	500	500	453	359	281	212	181	137

Other type of valves on request.

TYPE

Figure	Body material	Nominal diameter	Nominal pressure	Type
219	G Forged steel P245GH	15-50 mm	U 250 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	U 250 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
		15-50 mm	W 320 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	W 320 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
		15-50 mm	Y 500 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	Y 500 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
219	Q Alloy steel 13CrMo4-5	15-50 mm	U 250 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	U 250 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
		15-50 mm	W 320 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	W 320 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
		15-50 mm	Y 500 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	Y 500 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
219	Q Alloy steel 11CrMo9-10	15-50 mm	U 250 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	U 250 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite

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FIG.219 (ex. 649)

		15-50 mm	W 320 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	W 320 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
		15-50 mm	Y 500 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	Y 500 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
219	Q alloy steel 16Mo3	15-50 mm	U 250 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	U 250 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
		15-50 mm	W 320 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	W 320 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
		15-50 mm	Y 500 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	Y 500 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
219	Q alloy steel X10CrMoVnNb9-1	15-50 mm	U 250 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	U 250 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
		15-50 mm	W 320 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	W 320 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite
		15-50 mm	Y 500 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite
		15-50 mm	Y 500 bar	71 stem and disc connection - fixed, stem, throttling disc -stainless steel, stellite

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ORDERING

Figure	Body material	Nominal diameter	Nominal pressure	Type
219	G forged steel P245GH	15-50 mm	U 250 bar	00 stem and disc connection - fixed; stem, disc -stainless steel, stellite

Order example acc. index

219 G 050 U 00

Stop valve, ends welded, form straight
 Forged steel P245GH
 Nominal diameter (mm)
 Nominal pressure PN 250
 Stem and disc connection - fixed; stem, disc -stainless steel, stellite

219 G 050 U 00

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Edition 01/2021