

STOP GLOBE VALVE ACID-PROOF TYPE ZKA63

CHARACTERISTIC:

Diameter	-	15 -200 mm;
Pressure	-	63 bar;
Temperature	-	up to 250°C for acids, bases and other aggressive media;
	-	up to 550°C for non-toxic media; (with PTFE sealing up to 200°C);
	-	up to -196°C for cryogenics
Medium	-	acids, liquors, water, steam and other non-toxic and non aggressive liquid and gas media, engine fuel.

VERSIONS: type - body material / ends / disc and disc ring / others

Example: ZKA63 / --- / --- / ---

Example: ZKB63 / S / R / ---

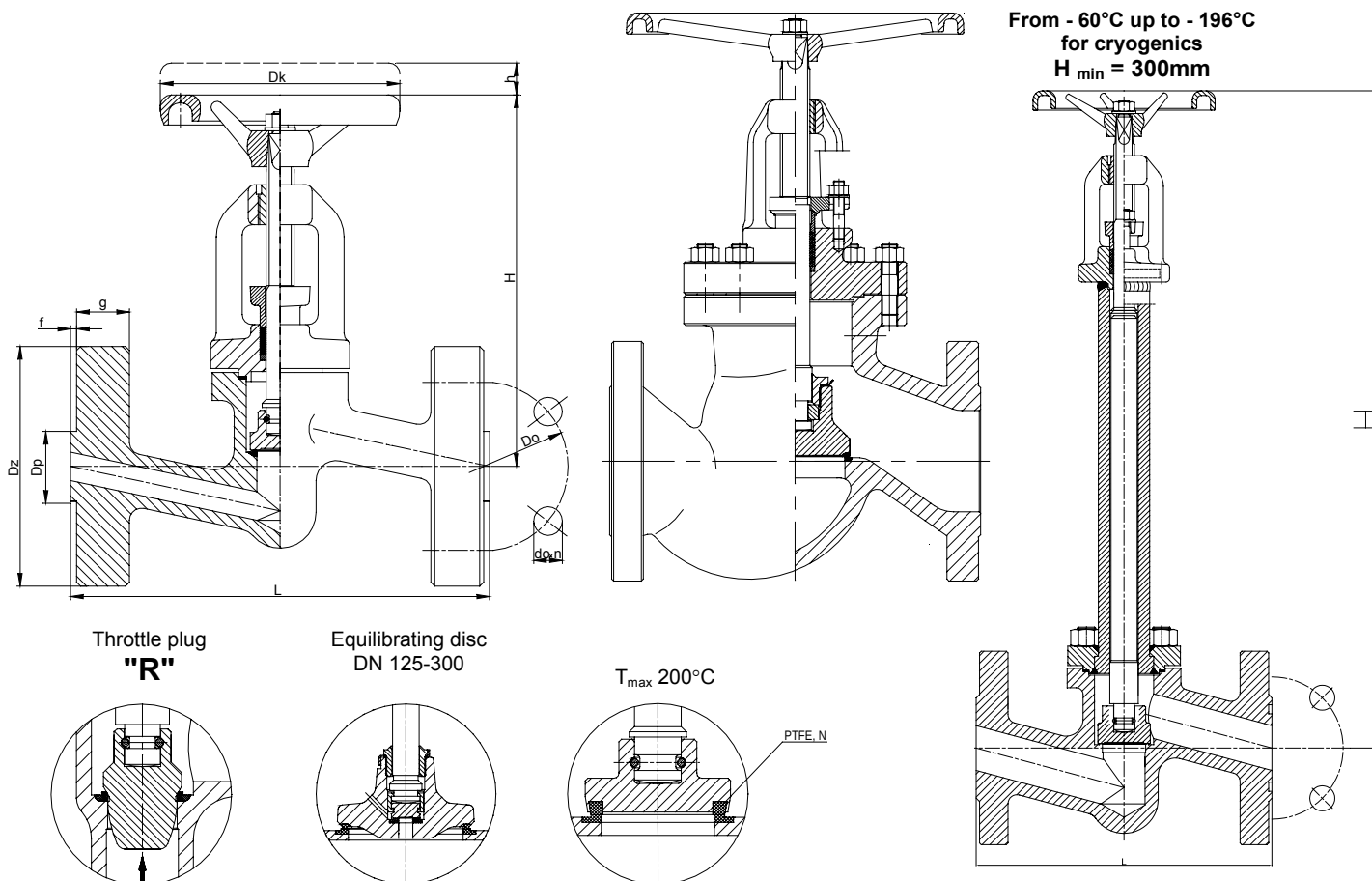
Type - body material	Sign	Ends	Sign	Disc and disc ring	Sign	Drive type	Sign	Others	Sign
X6CrNi18-10 or GX5CrNi19-10	ZKA63	Standard - flanged	---	Standard	---	Hand wheel	---	-----	---
X2CrNiMo17-12-2 or GX5CrNiMo19-11-2	ZKB63			Throttle plug	R	AUMA drive	NA		
				Throttle plug	RR	NWA drive	NW		
				Throttle plug	Q	MODACT drive	NM		
				PTFE ring	P	Pneumatic drive	NP		
				NBR ring	N				

APPLICATION:

Stop globe valve is designed to open and stop the flow. The valve is not supposed to be used as regulating device. For regulation the version "R" with throttling plug should be applied.

DN 15 ÷ 40

DN 50 ÷ 200



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FABRYKA ARMATURY PRZEMYSŁOWEJ

„WAKMET” spółka jawna

Kaczmarek, Krzywdziński, Wachowski, Wilczyński

Bodzanów 75 48-340 GŁUCHOŁAZY 1

tel. +48(077) 439-40-20, fax +48(077) 439-18-72

e-mail: wakmet@wakmet.com.pl

http: www.wakmet.com.pl

MATERIALS:

Version	ZKA63	ZKB63	ZKA63	ZKB63
Parts	DN 15 - 40		DN 50 - 200	
Body, bonnet	X6CrNiTi18-10 (1.4541)	X2CrNiMo17-12-2 (1.4404)	GX5CrNi19-10 (1.4308)	GX5CrNiMo19-11-2 (1.4408)
Disc	X6CrNiTi18-10 (1.4541)	X2CrNiMo17-12-2 (1.4404)	X6CrNiTi18-10 (1.4541)	X2CrNiMo17-12-2 (1.4404)
Stem	X6CrNiTi18-10 (1.4541)	X2CrNiMo17-12-2 (1.4404)	X6CrNiTi18-10 (1.4541)	X2CrNiMo17-12-2 (1.4404)
Gasket	Grafit + austenite			
Wheel	Cast iron			

Special materials on request; modifications reserved.

DIMENSIONS:

Standard - flanged														With butt weld ends			
DN	d	Dz	Dp	Do	do	n	L	g.	f	H	h	Dk	Weight	Dz	Dw	L	Weight
15	14	105	45	75	14	4	210	20	2	160	13	120	5,40	22	17	160	3,00
20	19	130	58	90	18	4	230	22	2	160	13	160	9,80	28	22	160	3,00
25	23	140	68	100	18	4	230	24	2	160	13	160	10,80	35	28,5	160	3,00
32	30	155	78	110	22	4	260	24	2	210	16	200	15,00	44	36,5	230	9,30
40	38	170	88	125	22	4	260	28	3	210	18	200	15,70	50	43	230	9,50
50	45	180	102	135	22	4	300	26	3	250	22	250	30,70	62	54	300	19,90
65	62	205	122	160	22	8	340	26	3	290	30	250	46,00	77	69	340	30,90
80	73	215	138	170	22	8	380	28	3	300	40	320	62,00	91	81	380	48,70
100	94	250	162	200	22	8	430	30	3	500	55	360	121,50	117	104	430	95,10
125	120	295	188	240	26	8	500	34	3	600	65	400	168,00	144	130,5	500	137,90
150	144	345	218	280	33	8	550	36	3	700	70	500	251,00	172	156,5	550	201,10
200	195	415	285	345	36	12	650	42	3	900	100	600	290,00	223	204,5	650	215,00

Dimensions in mm; modifications reserved.

TECHNICAL DATA:

Body material	Medium	PN	Maximal working pressure at working temperature															
			20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C	480°C	500°C	510°C	520°C	530°C	540°C	550°C
		bar																
X6CrNiTi18-10 (1.4541)	aggressive media	63	63,0	62,4	58,8	55,8	53,1	-	-	-	-	-	-	-	-	-	-	-
GX5CrNi19-10 (1.4308)		63	63,0	57,3	51,6	47,1	43,5	-	-	-	-	-	-	-	-	-	-	-
X6CrNiTi18-10 (1.4541)	non aggressive media	63	63,0	62,4	58,8	55,8	53,1	50,1	48,3	46,8	45,7	45,2	44,7	44,1	43,8	43,3	42,8	42,6
GX5CrNi19-10 (1.4308)		63	63,0	55,5	48,0	42,8	37,5	35,2	33,0	30,7	28,5	26,2	24,0	-	-	-	-	-
X2CrNiMo17-12-2 (1.4404)	Aggressive media	63	63,0	63,0	61,3	58,5	57,7	-	-	-	-	-	-	-	-	-	-	-
GX5CrNiMo19-11-2 (1.4408)		63	63,0	51,0	45,8	40,5	37,5	-	-	-	-	-	-	-	-	-	-	-
X2CrNiMo17-12-2 (1.4404)	Non Aggressive media	63	63,0	63,0	61,3	58,5	57,7	54,4	52,1	50,6	49,3	48,6	48,0	47,9	47,8	47,7	47,7	47,6
GX5CrNiMo19-11-2 (1.4408)		63	63,0	51,0	45,8	40,5	37,5	34,5	33,0	31,5	30,6	30,4	30,2	-	-	-	-	-

MOUNTING AND OPERATING:

MOUNTING OF VALVE AND ITS SERVICE SHOULD BE MADE BY ORGANIZATION THAT HAS RIGHTS TO MAKE THAT KINDE OF WORKS. THE PERSONEL OF THOSE ORGANIZATIONS IS SUPPOSED TO BE QUALIFIED.

Before valve will be installed the pipeline must be clean from any mechanical impurities. The compatibility of critical parameters of flow must be checked with the parameters of valve. Stop globe valve can be mounted to a pipe-line in any position. The direction of flow should only comply with the arrow marked on the body. The valve should be operate strictly with its assign. To make valve unfailing you must observe the following suggestions:

- medium flowing through the valve is supposed to be clean out of any mechanical impurities.
- the valve must be protected from any mechanical damages during his work.
- parameters should be the same as on the valve.