

GATE VALVE TYPE GKA25

CHARACTERISTIC:

Diameter	-	50 -350 mm;
Pressure	-	25 bar;
Temperature	-	up to 250°C for acids, bases and other aggressive media;
	-	up to 550°C for non-toxic media;
Medium	-	acids, liquors, water, steam and other non-toxic and non aggressive media, engine fuel and sea water

VERSIONS:

type body material / drive type / others

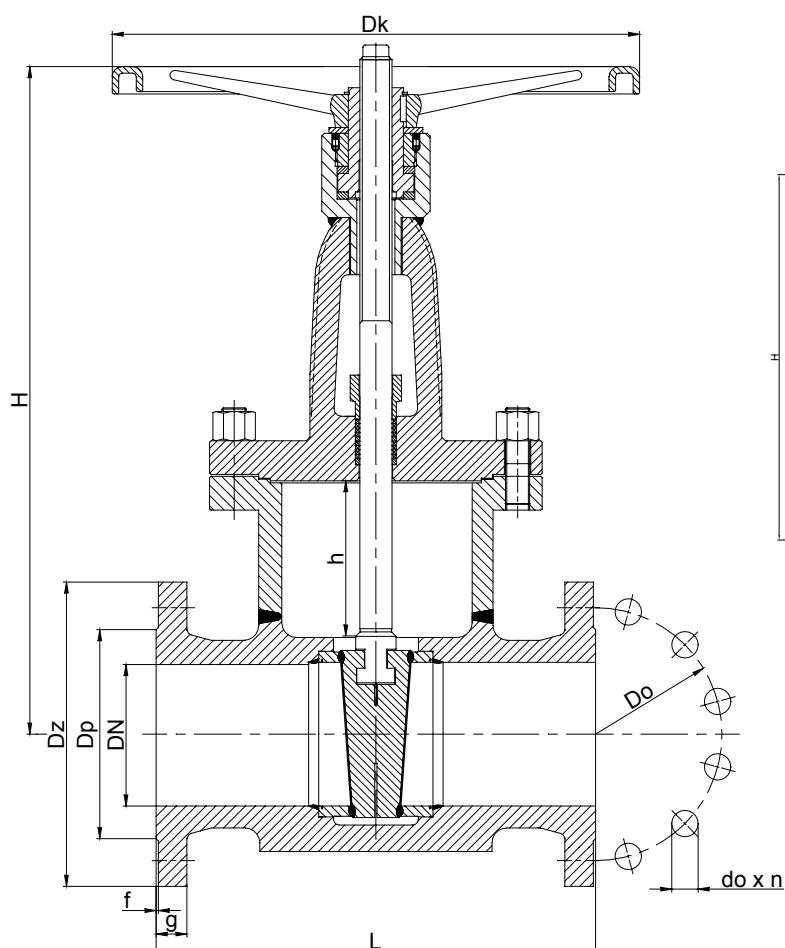
Example: GKA25 / --- / --- / ---

Example: GKB25 / NA / ---

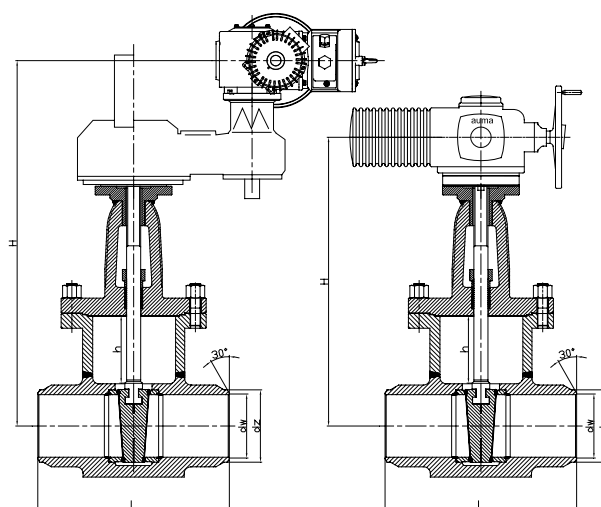
Type	Body material	Sign	Drive type	Sign	Others	Sign
X6CrNiTi18-10 (1.4541)		GKA	Hand wheel	---	-----	---
X5CrNi18-10 (1.4301)			AUMA drive	NA		
		GKB	NWA drive	NW		
X2CrNiMo17-12-2 (1.4404)			MODACT drive	NM		
			Pneumatic drive	NP		

APPLICATION:

Gate valve is designed to open and stop the flow. The gate valve can be mounted to a pipeline in any position. It should operate in a close or open position.



EXAMPLE



® 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:

Versions Parts	GKA63	GKB63
Body, bonnet	X6CrNiTi18-10 (1.4541)	X2CrNiMo17-12-2 (1.4404)
Wedge	X6CrNiTi18-10 (1.4541)	X2CrNiMo17-12-2 (1.4404)
Stem	X6CrNiTi18-10 (1.4541)	X2CrNiMo17-12-2 (1.4404)
Packing rings	PTFE , Grafit	
Wheel	Steel	

Special materials on request; modifications reserved.

DIMENSIONS:

DN	Dz	Dp	Do	do	n	L	g.	f	H	h	Dk	Weight
50	165	102	125	18	4	250	20	3	365	65	200	39,00
65	185	122	145	18	8	290	22	3	435	78	250	56,00
80	200	138	160	18	8	310	24	3	460	93	250	62,00
100	235	162	190	22	8	350	24	3	535	112	315	97,00
125	270	188	220	26	8	400	26	3	630	146	315	164,00
150	300	218	250	26	8	450	28	3	800	174	315	265,00
200	360	278	310	26	12	550	30	3	860	233	400	335,00
250	425	335	370	30	12	650	32	3	1055	260	500	498,00
300	485	395	430	30	16	750	34	4	1179	310	500	677,00
350	555	465	490	33	16	850	38	4	1395	355	630	914,00

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 and no aggressive	16	16,0	15,9	14,9	14,2	13,5	12,7	12,3	11,9	11,6	11,4	11,3	11,3	11,3	11,2	11,2	10,8
X2CrNiMo17-12-2 (1.4404)		16	16,0	16,6	15,6	14,9	14,7	13,8	13,2	12,9	12,5	12,3	12,2	12,2	12,1	12,1	12,1	12,1
X6CrNiTi18-10 (1.4541)	aggressive media and no aggressive	25	25,0	24,8	23,3	22,1	21,1	19,9	19,2	18,6	18,2	18,0	17,7	17,7	17,6	17,6	17,5	16,9
X2CrNiMo17-12-2 (1.4404)		25	25,0	25,0	24,4	23,2	22,9	21,6	20,7	20,1	19,6	19,3	19,1	19,0	19,0	18,9	18,9	18,9

MOUNTING AND OPERATING:

The gate can only be mounted and operated by skilled, properly trained and qualified personnel. Incorrect assembly or operation of the gate may have substantial impact on the entire system such as fluid leakage, reduction in system's function etc.

Before a gate is installed the pipeline must be clean from any mechanical impurities. The compatibility of critical parameters of the flow must be checked with the parameters of the gate. Gate can be mounted to a pipe-line in any position. The direction of the flow should only comply with the arrow marked on the body. The valve should be operated strictly with its assign. In order to provide gate's reliability the following suggestions must be observed:

- medium flowing through the gate is supposed to be clean out of any mechanical impurities;
- the valve must be protected from any mechanical damages during its work;
- nominal parameters marked on the valve must be observed.