

FORGED GLOBE VALVES FLANGED ANSI #300

Материал steel ASTM A105N

Налягане 300 Lbs

Размер DN 15 - 50 ; 1/2" - 2"

DESCRIPTION

Forged steel globe valves flanged ASME Class # 300, API trim # 1; triple # 5 and triple # 8, straight, with flange fitting ANSI 16.5 ("smooth surface buckwheat"), reduced passage, pulling spindle

WORKING FLUID / MEDIA

Water, steam, oils, fuels, gases and gas vapours

CONSTRUCTION DETAILS

Design BS 5352

OPTIONS

- Different stem materials, disc and seat
- Higher pressure rating
- Materials for higher or sub zero temperatures
- Trim #1 (available on stock), other trim types on request



No.	Parts	Materials	Specification	
			Standard	BS 5352
1	Body	steel ASTM A105N (1.0460)	Connection	flanged B16.5
2	Bonnet	steel (1.0460)	Face to Face length	ASME B16.10
3	Disc	13Cr	Bonnet connection	bolted
4	Seat	trim #1; #5 ; #8	Body construction	straight
5	Stem	steel 13Cr	Operation	manual
6	Gland packing	graphite	Actuation	multiturn
7	Gasket	graphite / st. steel 1.4401	T max. °C	426 °C
8	Bolts	21CrMoV5-7		
9	Gland flange	A105N (1.0460)		
10	Gland bush	13Cr		
11	Bolts	A2-70		
12	Nuts	A2-70		
13	Stem nut	13Cr		
14	Wheel	cast iron or steel		

Regulating range of temperature and pressure

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T°	-29÷38 °C	100 °C	150 °C	200 °C	250 °C	300 °C	350 °C	375 °C	400 °C	425 °C	450 °C	500 °C
Bar	18,6	17,7	15,8	13,8	12,1	10,2	8,4	7,4	6,5	5,5	4,6	2,4
ASTM A105N is not recommended for temperatures above 426 °C												
acc. ASME B16.34												

Dn	Pn	Flange conn./py	L	H	D	B	Weight (kg)
15	300 lbs	ANSI #300	152,5	196	88	95,5	4,1
20	300 lbs	ANSI #300	178	202	88	117,5	5,7
25	300 lbs	ANSI #300	203	226	97	124	8,6
40	300 lbs	ANSI #300	229	285	138	155,5	14,5
50	300 lbs	ANSI #300	267	321	172	165	17,5