

Cast Steel Gate Valve – ANSI 150 / Drilled PN16

Flanged PN16, Design to API600, O, S & Y, Bolted Bonnet, A216 WCB, Trim 13% Cr + HFS

PN20 Rated
Temperature -29°C to 425°C

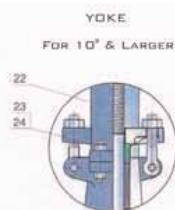
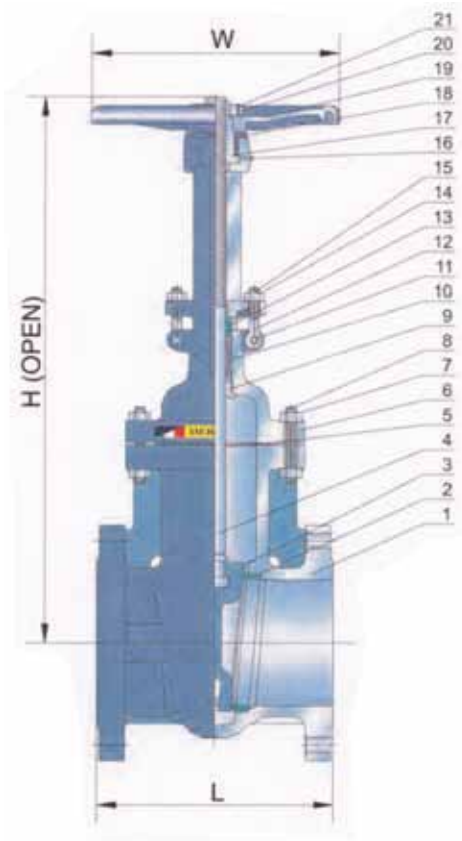


Technical Requirements:

1. Design & manufacture to: API 600/BS EN ISO 10434:2004
2. Press/Temp to ANSI B16.34
3. Face to face to ANSI B16.10
4. Flange Dimensions to ASME B16.5
5. Test & inspection to API 598/ISO 5208
6. NACE MR-01-75 (Latest Revision)
7. Conform to Pressure Equipment Directive 97/23/EC

Material List

No.	Parts	Materials
1	Body	ASTM A216 Gr WCB
2	Seat Rings	Stellite Gr 6 Faced
3	Wedge	ASTM A216 Gr WCB + 13 Cr Faced
4	Stem	ASTM A182 F6a
5	Gasket	Stainless Steel + Graphite
6	Bonnet	ASTM A216 Gr WCB
7	Bonnet Bolt Nuts	ASTM A194 Gr 2H(M)
8	Bonnet Bolts	ASTM A193 Gr B7(M)
9	Backseat Bushing	ASTM A276 Type 410
10	Stem Packing	Braided Graphite & Die Formed Graphite Ring
11	Eye Bolt Pins	Carbon Steel
12	Gland Eye Bolt	ASTM A193 Gr B7(M)
13	Gland	ASTM A276 Type 410
14	Gland Flange	ASTM A216 Gr WCB
15	Eye Bolt Nuts	ASTM A194 Gr 2H(M)
16	Grease Nipples	Carbon Steel
17	Stem Nut	ASTM A439 Gr D-2 / ASTM B148 9A
18	Retaining Nut	Carbon Steel
19	Handwheel	Steel
20	Handwheel Nut	Carbon Steel
21	Screw	Carbon Steel
22	Yoke	ASTM A216 Gr WCB
23	Yoke Pan Bolt Nuts	ASTM A194 Gr 2H(M)
24	Yoke Pan Bolts	ASTM A193 Gr B7(M)
25	Bearing	Steel
26	Lantern Ring	ASTM A276 Type 410



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Carbon Steel Gate Valve – ANSI 150 / Drilled PN16

Pressure/Temperature Ratings

Class		150LB	
Test Pressure	Shell Test	30	Bar
	High Pressure	22	
	Back Seat	22	
	Low Pressure	6	
Temperature Range		-29°C to 425°C	

Dimensions

Size	L	H (Open)	W	Kg
2"	178	400	200	19
2½"	191	480	200	25
3"	203	500	250	30
4"	229	595	280	50
6"	267	777	300	80
8"	292	975	350	129
10"***	330	1160	400	200
12"***	356	1390	450	285
14"***	381	1555	500	410
16"***	406	1811	600	550
18"***	432	2103	640	700
20"***	457	2300	680	950
24"***	508	2609	760	1400

