

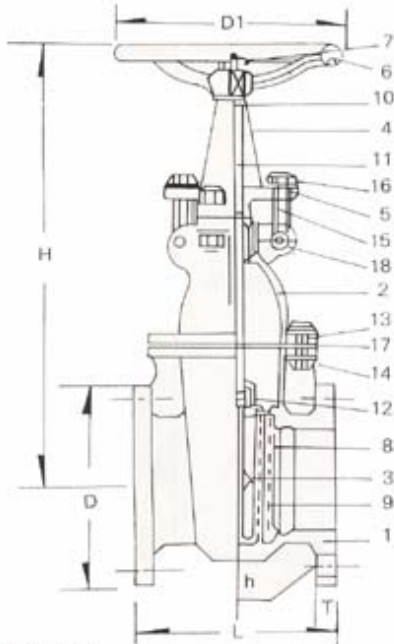


ASA 125-200 LBS CAST IRON O.S. & Y. TYPE GATE VALVE

Outside Screw & Yoke, Rising Stem,
Bolted Bonnet, Solid Wedge Disc,

1. Face-to-face dimensions conform to ANSI B16.10
2. The dimensions and drilling of end flanges conform to ANSI B16.1 BS TABLE-E.
3. Cast with a boss which can be drilled and tapped.
4. Yokes are integral with bonnets from 3 inch and smaller.

Primary service pressure non-shock (psi)	Hydrostatic test pressure (psi)	
	Shell	Seat
150	300	200



NOMENCLATURE AND MATERIALS:

PART NO.	NAME OF PART	MATERIAL	REMARK
1	BODY	CAST IRON	ASTM A126 Class B
2	BONNET	CAST IRON	ASTM A126 Class B
3	DISC	CAST IRON	ASTM A126 Class B
4	YOKE	CAST IRON	ASTM A126 Class B
5	GLAND FLANGE	CAST IRON	ASTM A126 Class B
6	HANDWHEEL	CAST IRON	ASTM A126 Class B
7	HANDWHEEL NUT	CAST IRON	ASTM A126 Class B
8	BODY SEAT RING	CAST BRONZE	ASTM B62
9	DISC SEAT RING	CAST BRONZE	ASTM B62
10	YOKE NUT	CAST BRONZE	ASTM B62
11	STEM	STAINLESS STEEL	ASTM A276 TYPE 410
12	STEM NUT	STEEL	ASTM A284
13	BONNET BOLT	STEEL	ASTM A284
14	BONNET NUT	STEEL	ASTM A284
15	GLAND EYE BOLT	STEEL	ASTM A284
16	GLAND NUT	STEEL	ASTM A284
17	BONNET GASKET	ASBESTOS	
18	STEM PACKING	GRAPHITE	

DIMENSIONS:

UNIT: INCH

SIZE		1-1/2	2	2-1/2	3	4	5	6	8	10	12	14
MARK												
FACE-TO-FACE	L	6	7	7-1/2	8	9	10	10-1/2	11-1/2	13	14	15
CENTER-TO-TOP	H	10-1/4	12-3/8	13-9/16	15-7/16	19	22-3/8	24-7/8	30-5/8	35-3/4	41-3/4	46-3/4
FLANGE DIAMETER	D	5	6	7	7-1/2	9	10	11	13-1/2	16	19	21
NUMBER OF HOLES	N	4	4	4	4	8	8	8	8	12	12	12
HOLE DIAMETER	h	5/8	3/4	3/4	3/4	3/4	7/8	7/8	7/8	1	1	1-1/8
FLANGE THICKNESS	T	9/16	5/8	11/16	3/4	15/16	15/16	1	1-1/8	1-3/16	1-1/4	1-3/8
WHEEL DIAMETER	D1	6-1/2	6-1/2	6-1/2	7-11/16	9-1/2	10-1/2	11-1/2	13-7/8	14-13/16	17-3/4	20
NET WEIGHT	LBS	24.2	33	41.8	48.4	79.2	110	147.4	215.6	343.2	514.8	726