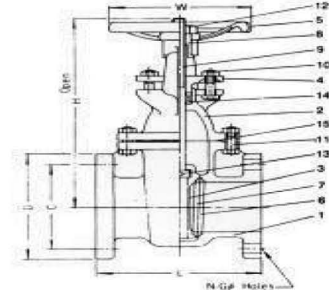




**AK-8185**  
**GATE VALVES, FLANGED ENDS**  
 MATERIAL: CAST IRON  
 INSIDE SCREW, BOLTED BONNET,  
 NON-RISING STEM, SOLID WEDGE DISC.  
 (AVAILABLE WITH OPERATING NUT)  
 SIZE: 1-1/2" THRU 14"

<b>NORMAL PRESSURE</b>		<b>10kg/Cm<sup>2</sup></b>
<b>TEST PRESSURE</b>	<b>BODY</b>	<b>15kg/Cm<sup>2</sup></b>
	<b>SEAT</b>	<b>15kg/Cm<sup>2</sup></b>
<b>Primary Service Pressure Non-Shock (PSI)</b>		<b>Hydrostatic Test Pressure (PSI)</b>
		<b>Shell      Seat</b>
<b>125</b>		<b>300      200</b>



**: MATERIALS LIST :**

NO	Description	Material	(ASTM)	NO	Description	Material	(ASTM)
1	Body	Cast iron	A-126 CL.B	9	Stem	Stainless	A-276-410
2	Bonnet	Cast iron	A-126 CL.B	10	Steel bolt & nut	Steel	A-284
3	Disc	Cast iron	A-126 CL.B	11	Steel bolt & nut	Steel	A-284
4	Gland flange	Cast iron	A-126 CL.B	12	Wheel nut	Cast iron	A-126 CL. B
5	Hand wheel	Cast iron	A-126 CL.B	13	Taper pin	Steel	A-284
6	Body seat ring	Cast bronze	B-62	14	Gland packing	Asbestos	graphite
7	Disc seat ring	Cast bronze	B-62	15	Gasket	Asbestos	Sheet
8	Yoke sleeve	Cast bonze	B-62				

**ASA125LB**

SIZE	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"
L	165	178	190	200	228	250	267	292	330	354	383
H	240	267	280	300	405	460	560	705	880	1100	1270
D	127	152	178	190	229	254	279	343	406	483	533
C	98.4	121	140	152	190	216	241	298	362	432	476
W	150	150	170	190	220	235	295	335	380	430	500
G Hole size	18	19	19	19	19	19	22	22	25.4	25.4	29
N No. of holes	4	4	4	4	8	8	8	8	12	12	12

**JIS10K**

SIZE	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"
L	165	180	190	200	230	250	270	290	330	350	383
H	240	267	280	300	405	460	560	705	880	1100	1270
D	140	155	175	185	210	250	280	330	400	445	490
T	16	20	21	22	23	23	25	26	30	31	31
C	105	120	140	150	175	210	240	290	355	400	445
h	18	18	18	18	18	21	23	23	25	25	25
G	4	4	4	8	8	8	8	12	12	16	16
W	150	150	170	190	220	235	295	335	380	430	500

**: DIMENSIONS : PN16**

SIZE	2B	2-1/2B	3B	4B	5B	6B	8B	10B	12B
MARK	50A	65A	80A	100A	125A	150A	200A	250A	300A
L	IN	7	7-1/2	8	9	10	10-1/2	11-1/2	13
	MM	178	190	203	229	254	267	292	330
H	IN	12-5/8	13-3/4	15-7/16	19-7/16	24-5/16	27-9/16	34-13/16	43-3-16
	MM	267	280	300	405	460	560	705	880
D	IN								
	MM	165	185	200	220	250	285	340	405
C	IN								
	MM	125	145	160	180	210	240	295	355
W	IN	6-5/16	6-5/16	7-1/16	7-7/8	9-7/8	11	11-13/16	14
	MM	160	160	180	200	250	280	300	355
G	IN								
	MM	18	18	18	18	18	22	22	26
N NO. of holes	4	4	8	8	8	8	12		