



SIZE	d	L	H	W	D		C		G		f		T		N-M		
					10K	150	10K	150	10K	150	10K	150	10K	150			
1/2"	15	15	108	182	120	95	89	70	60.5	51	35	1	1.6	12	12.1	4-15	4-16
3/4"	20	20	117	195	120	100	98	75	70.0	56	43	1	1.6	14	12.1	4-15	4-16
1"	25	25	127	237	120	125	108	90	79.5	67	51	1	1.6	14	12.1	4-19	4-16
1 1/4"	32	32	140	294	200	135	117	100	89.5	76	64	2	1.6	16	12.7	4-19	4-16
1 1/2"	40	40	165	294	200	140	127	105	98.5	81	73	2	1.6	16	14.3	4-19	4-16
2"	50	50	178	335	200	155	152	120	120.5	96	92	2	1.6	16	15.9	4-19	4-19
2 1/2"	65	65	190	393	200	175	178	140	139.5	116	105	2	1.6	18	17.5	4-19	4-19
3"	80	80	203	467	250	185	190	150	152.5	126	127	2	1.6	18	19.1	8-19	4-19
4"	100	100	229	549	250	210	229	175	190.5	151	157	2	1.6	18	23.9	8-19	8-19
5"	125	125	254	630	300	250	254	210	216.0	182	186	2	1.6	20	23.9	8-23	8-22
6"	150	150	267	743	300	280	279	240	241.5	212	216	2	1.6	22	25.4	8-23	8-22
8"	200	200	292	910	350	330	343	290	298.5	262	270	2	1.6	22	28.6	12-23	8-22
10"	250	250	330	1097	400	400	406	355	362.0	324	324	2	1.6	24	30.2	12-25	12-25
12"	300	300	356	1285	400	445	483	400	432.0	368	381	3	1.6	24	31.8	16-25	12-25

FEATURES:

- FACE TO FACE DIMENSION: JIS B2002 / ANSI B16.10
- END FLANGE DIMENSIONS: JIS B2239 / ANSI B16.5
- DESIGN: ANSI B16.34
- TEST: JIS B2203 / API 598
- INVESTMENT CASTING BODY

* 5"UP GASKET: SS304+GRAPHITE

NO.	PART NAME	MATERIAL	
1	BODY	SCS13/CF8	SCS14/CF8M
2	DISC	SCS13/CF8	SCS14/CF8M
3	BONNET BOLT	SUS304	
4	BONNET NUT	SUS304	
5	BONNET	SCS13/CF8	SCS14/CF8M
6	HINGE PIN	SUS304	
7	EYE BOLT	SUS304	
8	GLAND	SCS13	
9	EYE NUT	SUS304	
10	HAND WHEEL	FCD	
11	NUT	BRONZE	
12	STEM	SUS304	SUS316
13	NAME PLATE	SUS304	
14	SPRING	BRONZE	
15	YOKE SLEEVE	BRONZE	
16	SPRING WASHERS	SUS304	
17	GLAND PACKING	PTFE	
18	PACKING	PTFE	
19	GASKET	* PTFE / 304+GRAPHITE	

TEST PRESSURE:

		ANSI-150LB	JIS-10K
		SHELL (BY WATER)	450PSI 32kg/cm ²
SEAT	BY WATER	315PSI 22kg/cm ²	1.6 MPa 16.5kg/cm ²
	BY AIR	85PSI 6kg/cm ²	0.6 MPa 6kg/cm ²

Rev.	A

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Checked	Morris	Date	2009/4/20	Type	VT-GAF
Designer	Kevin	Scale	Fit	Dwg_No.	VT_322~326(10K/150LB)_133
Drawn	Aaron	Describe	GATE VALVE		