



JIS OG ANSI VENTILER JIS AND ANSI VALVES

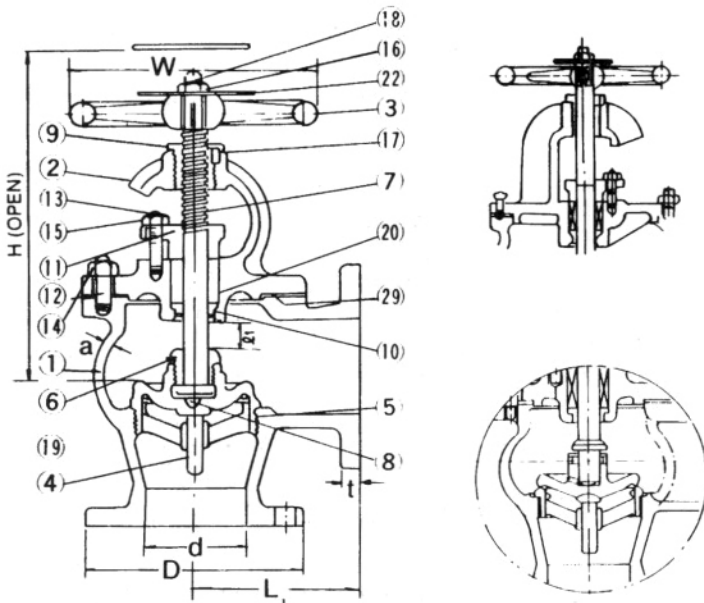
JIS F 7312
JIS F 7320
JIS F 7314

Marine Cast Steel 5kg/cm² Angle Valves

Marine Cast Steel 10kg/cm² Angle Valves

Marine Cast Steel 20kg/cm² Angle Valves

Bolted Bonnet Rising Stem Renewable Seat Flanged Ends.



NO	PARTS	MATERIAL
1	BODY	CAST STEEL
2	BONNET	CAST STEEL
3	HAND WHEEL	CAST IRON
4	DISC	BRONZE OR STAINLESS STEEL
5	BODY SEAT	BRONZE OR STAINLESS STEEL
6	DISC GLAND	BRONZE OR STAINLESS STEEL
7	STEM	BRASS OR STAINLESS STEEL
8	WHASER	ALLOY TOOL STEEL
9	BUSH	BRONZE
10	PACKING RING	BRONZE OR STAINLESS STEEL
11	PACKING GLAND	BRONZE
12	BONNET BOLT	ROLLED STEEL
13	PACKING GLAND BOLT	ROLLED STEEL
14	BONNET NUT	ROLLED STEEL
15	PACKING GLAND NUT	ROLLED
16	HANDLE NUT	BRASS
17	SET SCREW	ROLLED STEEL
18	SPLIT PIN	BRASS WIRE
19	DISC STOPPER	BRASS PLATE OR STAINLESS STEEL
20	PACKING	ASBESTOS
21	GASKET	ASBESTOS
22	NAME PLATE	BRASS PLATE

Fluid Condition & Max. Working Pressure (kgf/cm²)

Fluid condition	Rating	Max. Working Pressure		
		5	10	20
Steam 400°C				23
Steam 350°C				26
Steam 300°C			10	29
Steam up to 220°C			12	31
Air, Gas, Oil and Pulsation Water	5			
Non-Shock Water up to 120°C	7		14	34

*Without Air, Gas.

Test Pressure (kgf/cm²)

Rating	5	10	20
Shell Hydraulic Test	10.5	21.0	51.0
Seat Hydraulic Test	7.7	15.4	37.4

Dimension Table (Unit : mm, Weight : kg)

SIZE	50	65	80	100	125	150	200	250	300
	d	50	65	80	100	125	150	200	250
L ₁	100	115	130	150	170	190	220	275	310
a	8	9	9	10	11	12	15	17	18
H	240	255	265	310	330	380	450	645	750
W	160	180	180	224	250	280	315	355	400
φ	17	22	27	33	42	50	67	138	165
Weight I	12.9	18.2	23.4	33.7	46.2	63.4	105	178	275
d	50	65	80	100	125	150	200	250	300
L ₁	120	130	140	160	180	205	230	290	320
a	8	9	9	11	12	13	15	16	17
H	240	260	265	300	350	400	480	535	610
W	160	200	200	250	280	315	355	400	450
φ	17	22	27	33	42	50	67	83	100
Weight I	16.3	23.0	25.3	37.0	57.1	77.2	116	188	256
d	50	65	80	100	125	150	200	250	
L ₁	125	135	150	170	200	225	280	310	
a	9	10	11	13	14	16	17	19	
H	275	305	340	385	440	485	540	620	
W	200	224	250	280	315	365	450	560	
φ	24	30	35	43	52	61	68	83	
Weight I	20.0	26.9	38.9	54.4	79.9	111	181	283	

Remarks : 1. The flanges shall conform to 5kgf/cm² of JIS B2211, 10kgf/cm² of JIS B2212 and 20kgf/cm² of JIS B2214.
2. The name plate shall be specified by purchaser as required.
3. JIS F7313 20kgf/cm² for Flanged shall be Made Raised Facing.
4. Nominal size up to 200 of JIS F7312 is KS standard.
5. The calculated mass are of values in class "S".