



Cast Bronze Marine Valves

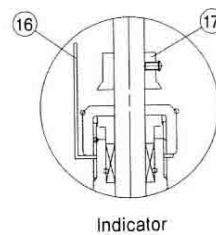
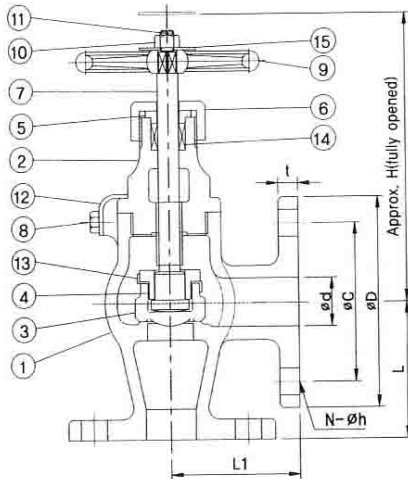
TYPE DESIGNATION

MBC-AGV JIS 5K ANGLE VALVES

JIS F7302

MBC-AGV JIS 10K/16K ANGLE VALVES

JIS F7304(10)/JIS F7304



Screwed Bonnet Integral seat
Rising Stem Flanged Ends

MATERIALS

NO.	PARTS	MATERIAL
1	BODY	BRONZE
2	BONNET	BRONZE/BRASS
3	DISC	BRONZE/BRASS
4	VALVE DISC NUT	BRASS
5	PACKING GLAND	BRASS
6	GLAND NUT	BRASS
7	STEM	BRASS
8	SET SCREW	BRASS
9	HANDWHEEL	CAST IRON
10	HEXAGON NUT	BRASS
11	SPLITPIN	BRASS
12	LOCK PLATE	BRASS
13	DISC LOCK WASHER	BRASS
14	PACKING	NON ASBESTOS
15	WASHER	STEEL
16	INDICATOR PLATE	BRASS
17	INDICATOR PIECE	BRASS

FLUID CONDITION & MAX.WORKING PRESSURE (kgf/cm²)

Fluid Condition	Rating		
	JIS 5K	JIS 10K	JIS 16K
Steam up to 205 C	4.9	10	16
Air, Gas, Oil and Pulsation water			
Non-Shock Water up to 120 C	6.9	14	22

TEST PRESSURE(kgf/cm²)

RATING	JIS 5K	JIS 10K	JIS 16K
HYDROSTATIC PRESS TEST(SHELL)	10.3	21	33
HYDROSTATIC PRESS TEST(SEAT)	7.6	15.5	24.2

DIMENSIONS

Unit:mm

RATING	SIZE	Ød	ØD	ØC	N-Øh	t	L1	H	weight(kg)
JIS 5K (JIS F7302)	15A	15	80	60	4-12	9	55	120	1.98
	20A	20	85	65	4-12	10	60	130	2.73
	25A	25	95	75	4-12	10	65	145	3.44
	32A	32	115	90	4-15	12	80	150	4.77
	40A	40	120	95	4-15	12	85	165	5.99
	50A	50	130	105	4-15	14	100	200	10.1
	65A	65	155	130	4-15	14	115	220	15.6
JIS 10K/JIS 16K (JIS F7304(10)/JIS F7304)	15A	15	95	70	4-15	12	70	120	2.73
	20A	20	100	75	4-15	14	75	130	3.65
	25A	25	125	90	4-19	14	85	145	5.16
	32A	32	135	100	4-19	16	95	150	6.72
	40A	40	140	105	4-19	16	100	165	8.13

REMARK: 1. The flanges shall conform to nominal pressure 5K, 10K and 16K of JIS B 2240
2. JIS F7301 5K for nominal dia 50 and 65 shall be made Bolted Bonnet type