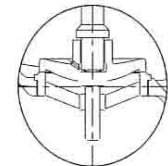
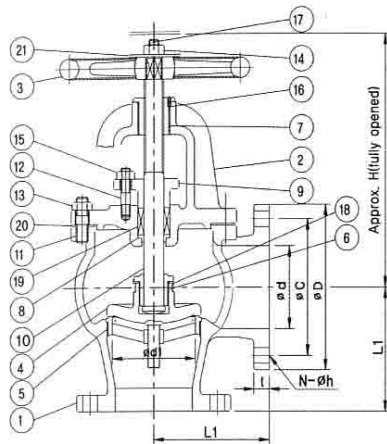


Cast Iron Marine Valves



TYPE DESIGNATION

MCI-ASDV	JIS 5K ANGLE SCREW-DOWN CHECK VALVES	JIS F7354
MCI-ASDV	JIS 10K ANGLE SCREW-DOWN CHECK VALVES	JIS F7376
MCI-ASDV	JIS 16K ANGLE SCREW-DOWN CHECK VALVES	JIS F7378



Screw Down Non Return (SDNR)

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

Rating	Max. Working Pressure (kgf/cm ²)									
	JIS 5K		JIS 10K				JIS 16K			
	Up to 200A	250A to 400A	Up to 200A	Over 250A	50A to 200A	50A to 200A	50A to 200A	50A to 200A	50A to 200A	50A to 200A
Fluid Condition	Trim	Class B	Class S	Class B	Class B	Class S	Class B	Class S	Class B	Class S
Steam up to 230 °C	-	5	-	10	-	-	-	-	16	16
Steam up to 205 °C	5	5	-	10	-	-	-	-	16	16
Saturated Steam	5 (Up to 300A)			10	5		16			
Air and Gas	5 (Up to 300A)			10	5		16			
Oil and Pulsation water	5			10	10		22			
Non-Shock Water up to 120 °C	7 (Up to 300A)		6	14	10		22			

MATERIALS

Bolted Bonnet Renewable seat
Rising Stem Flanged Ends

NO.	PARTS	MATERIAL
1	BODY	CAST IRON
2	BONNET	CAST IRON
3	HANDWHEEL	CAST IRON
4	DISC	BRONZE/STAINLESS STEEL
5	VALVE SEAT	BRONZE/STAINLESS STEEL
6	DISC NUT	BRONZE/STAINLESS STEEL
7	SCREW BONNET BUSH	BRONZE/STAINLESS STEEL
8	BONNET BUSH	BRONZE/STAINLESS STEEL
9	PACKING GLAND	BRONZE
10	STEM	BRONZE/STAINLESS STEEL
11	STUD BOLT	STEEL
12	STUD BOLT	STEEL
13	HEXAGON NUT	STEEL
14	HEXAGON NUT	STEEL
15	HEXAGON NUT	STEEL
16	LOCK PIN	STEEL
17	SPLIT PIN	BRASS
18	DISC LOCK WASHER	BRASS
19	PACKING	NONASBESTOS
20	GASKET	NONASBESTOS
21	WASHER	STEEL

TEST PRESSURE (kgf/cm²)

RATING	JIS 5K		JIS 10K		JIS 16K
SIZE	Up to 300A	350A to 400A	Up to 200A	Over 250A	50A to 200A
Globe/Globe Check (SDNR)					
HYDROSTATIC PRESS TEST (SHELL)	10.5	9	21	15	33
HYDROSTATIC PRESS TEST (SEAT)	7.7	6.6	15.4	11	24.2

DIMENSIONS

Unit: mm

RATING	SIZE	50A	65A	80A	100A	125A	150A	200A	250A	300A	350A	400A
JIS 5K (JIS F7354)	Ød	50	65	80	100	125	150	200	250	300	335	380
	ØD	130	155	180	200	235	265	320	385	430	480	540
	ØC	105	130	145	165	200	230	280	345	390	435	495
	N-Øh	4-15	4-15	4-19	8-19	8-19	8-19	8-23	12-23	12-23	12-25	16-25
	t	16	18	18	20	20	22	24	26	28	30	30
	L	100	115	130	150	170	190	220	275	310	360	395
	H	240	255	265	310	330	380	450	540	610	690	770
	Weight(Kg)	12.9	18.2	23.4	33.7	46.2	63.4	105	166	243	327	459
JIS 10K (JIS F7376)	Ød	50	65	80	100	125	150	200	250	300	335	380
	ØD	155	175	185	210	250	280	330	400	445	490	560
	ØC	120	140	150	175	210	240	290	355	400	445	510
	N-Øh	4-19	4-19	8-19	8-19	8-23	8-23	12-23	12-25	16-25	16-25	16-27
	t	20	22	22	24	24	26	26	30	32	34	36
	L	120	130	140	160	180	205	230	290	320	360	420
	H	255	270	275	315	360	405	475	570	645	710	790
	Weight(Kg)	18.2	25.4	27.4	40.6	69.9	81	125	211	293	386	544
JIS 16K (JIS F7378)	Ød	50	65	80	100	125	150	200				
	ØD	155	175	200	225	270	305	350				
	ØC	120	140	160	185	225	260	305				
	N-Øh	8-19	8-19	8-23	8-23	8-25	12-25	12-25				
	t	20	22	24	26	26	28	30				
	L	120	130	150	170	200	225	250				
	H	255	270	295	330	390	435	540				
	Weight(Kg)	18	25	35.7	49.2	76.1	103	155				

REMARK: 1. The flanges shall conform to nominal pressure 5K, 10K and 16K of JIS B 2210
2. The name plate shall be specified by purchaser as required



reserves the right to make changes in design, materials or specifications without prior notice and free of obligation to furnish or install such changes on products previously sold.

MARINE VALVES JIS SERIES