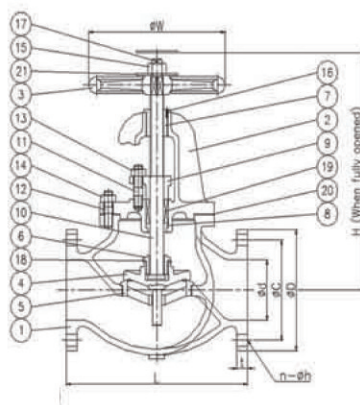


FC 5K/10K/16K GLOBE VALVES - JIS F 7305/7307/7309

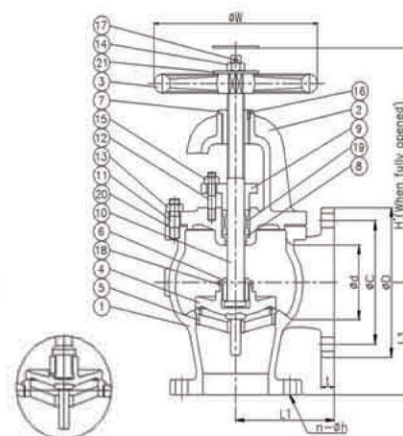
GLOBE CHECK VALVES - JIS F 7353/7375/7377

ANGLE VALVES - JIS F 7306/7308/7310

ANGLE CHECK VALVES - JIS F 7354/7376/7378



GLOBE VALVE



Screw-down check valve

ANGLE VALVE

Hydro. test pressure

unit : kgf/cm²

Rating	5		10		16
Nominal dia.	50~300A	350~400A	50~200A	250~400A	50~200A
Shell hydraulic test	10.5	9	21	20	33
Seat hydraulic test	7.7	6.6	15.4	11	24.2
Seat hydraulic(check)	4	3	4	-	4

Material List

No.	Parts	Material
1	Body	FC200
2	Bonnet	FC200
3	Handwheel	FC200
4	Disc	CAC406(BC6) or SCS2
5	Valve seat	CAC406(BC6) or SCS2
6	Disc nut	SCS2
7	Screwed bonnet bush	C3604
8	Seat ring	C3604
9	Packing gland	CAC406(BC6)
10	Stem	C3771 or SUS410
11	Stud bolt	SS400
12	Stud bolt	SS400
13	Hex. nut	SS400
14	Hex. nut	SS400
15	Hex. nut	SS400
16	Lock pin	SS400
17	Split pin	C2600
18	Disc lock washer	C2600
19	Packing	GRAPHITE
20	Gasket	NON ASBESTOS
21	Name plate	C2801

Max. working pressure

unit : kgf/cm²

Rating	5				10				16	
Nominal dia.	50~200A		250A 300A	350A 400A	50~200A		250~400A		50~200A	
Trim	B	S	B	B	B	S	B	S	B	S
Steam of 230°C or less	-	5	-	-	-	10	-	-	-	16
Steam of 205°C or less	5	5	-	-	10	10	-	-	16	16
Saturated steam	-	-	-	-	10	10	5	5	-	-
Air and gas	5	5	5	-	10	10	-	-	16	16
Oil and pulsation water	5	5	5	5	10	10	10	10	16	16
Non-shock water of 120°C or less	7	7	7	6	14	14	10	10	22	22

Dimensions

unit : mm

Rating	Size	φd	L	L1	H	H'	FF Flange				φW
							φD	φC	t	n-φh	
5K JIS F 7305 JIS F 7353 JIS F 7306 JIS F 7354	50A	50	210	100	270	240	130	105	16	4-15	160
	65A	65	250	115	300	255	155	130	18	4-15	180
	80A	80	280	130	310	265	180	145	18	4-19	180
	100A	100	340	150	360	310	200	165	20	8-19	224
	125A	125	410	170	390	330	235	200	20	8-19	250
	150A	150	480	190	415	380	265	230	22	8-19	280
	200A	200	570	220	530	450	320	280	24	8-23	315
	250A	250	740	275	650	540	385	345	26	12-23	355
	300A	300	840	310	740	610	430	390	28	12-23	400
	350A	335	940	360	840	690	480	435	30	12-25	500
10K JIS F 7307 JIS F 7375 JIS F 7308 JIS F 7376	50A	50	220	120	285	255	155	120	20	4-19	160
	65A	65	270	130	310	270	175	140	22	4-19	200
	80A	80	300	140	320	275	185	150	22	8-19	200
	100A	100	350	160	370	315	210	175	24	8-19	250
	125A	125	420	180	420	360	250	210	24	8-23	280
	150A	150	490	205	470	405	280	240	26	8-23	315
	200A	200	570	230	555	475	330	290	26	12-23	355
	250A	250	740	290	630	570	400	355	30	12-25	450
	300A	300	840	320	770	645	445	400	32	16-25	500
	350A	335	-	360	-	710	490	445	34	16-25	560
16K JIS F 7309 JIS F 7377 JIS F 7310 JIS F 7378	400A	380	-	420	-	790	560	510	36	16-27	630
	50A	50	220	120	285	255	155	120	22	8-19	160
	65A	65	270	130	310	270	175	140	22	8-19	200
	80A	80	300	140	340	295	200	160	24	8-23	224
	100A	100	350	170	385	330	225	185	26	8-23	250
	125A	125	430	200	455	390	270	225	26	8-25	315
	150A	150	500	225	510	435	305	260	28	12-25	355
	200A	200	570	250	630	540	350	305	30	12-25	450