



Fig. YS - 701 (ANSI150)
 YS - 702 (JIS10K)
 YS - 703 (PN10)
 YS - 704 (PN16)



SPECIFICATION

- Designed and Manufacture JIS B2031
- Face to Face dimensions :
ASME B16.10, JIS B2002
- Pipe flanges and flanged ends :
ASME B16.1, JIS B22P

FEATURE AND APPLICATION

1. Y-Pattern Body Design and Bolted Cover.
2. Screen Stainless Steel and Flanged End Connections.
3. Cleaning of Screen without disassembling.
4. Easy maintenance Plug Drain.
5. Screen : hole dia 3mm.
6. For General and Industrial Service.
7. Water, Oil, Gas and Steam.

MATERIALS

NO.	NAME OF PARTS	SPECIFICATION
1	Body	Cast Iron (A126, FC200, GG25)
2	Cover	Cast Iron (A126, FC200, GG25)
3	Screen	SUS304 (CF8, SCS13, SUS304)
4,5	Cover bolt	Steel (A307 Grade B)
6	Gasket	Non-asbestos EPDM (option:Graphite)
7	Drain plug	Carbon Steel (SS400)

DATA OF SCREEN

DN	Ø A	P	THICKNESS
2"-5"	3.0	4.0	0.4
6"-8"	3.0	4.0	0.65
10"-larger	3.0	4.0	0.8

PERFORMANCE

Application	Max.Working Pressure & Temperature	Test
Water , Oil , Gas	200 psi. (14 bar) 120°C	- Hydrostatic shell test 25bar
Saturated Steam	70 psi. (5 bar) 120°C	- Air test 6 bar

DIMENSIONS

Unit : mm

SIZE inch.	H			L			JIS10K			ANSI150			PN10			PN16		
	JIS10K	ANSI150	PN10,16	JIS10K	ANSI150	PN10,16	D	C	N	D	C	N	D	C	N	D	C	N
2"	143	143	145	250	250	230	155	120	4	152	121	4	165	125	4	165	125	4
2.1/2"	162	162	170	285	285	290	175	140	4	178	140	4	185	145	4	185	145	4
3"	175	175	185	315	292	310	185	150	8	191	152	4	200	160	8	200	160	8
4"	220	220	210	370	352	350	210	175	8	229	191	8	220	180	8	220	180	8
5"	250	250	270	420	420	420	250	210	8	254	216	8	250	210	8	250	210	8
6"	290	290	285	490	490	490	280	240	8	279	241	8	285	240	8	285	240	8
8"	385	385	360	570	543	600	330	290	12	343	299	8	340	295	8	340	295	12
10"	438	438	430	680	660	730	400	355	12	406	362	12	395	350	12	405	355	12
12"	512	512	540	800	762	850	445	400	16	483	432	12	445	400	12	460	410	12