



Fig. BS-102 (JIS10K)



### SPECIFICATION

- Designed and Manufacture JIS B2031
- Face to Face dimensions : ASME B16.10, JIS B2002
- Pipe flanges and flanged ends : ASME B16.1, JIS B2212

### FEATURE AND APPLICATION

1. T-Pattern Body Design and Bolted Cover.
2. Screen Stainless Steel and Flanged End Connections.
3. Cleaning of Screen without disassembling.
4. For General and Industrial Service.
5. Water, Oil, Gas and Steam.
6. Applicable Medium : Water, Oli, Gas and Steam
7. Working Pressure : 232 psi (16 bar)
8. Working Temperature :  $\leq 100^{\circ}\text{C}$

### MATERIALS

NO.	NAME OF PARTS	SPECIFICATION
1	Body	Ductile Iron
2	Screen	Stainless Steel 316
3	Cover Gasket	EPDM
4	Cover	Ductile Iron
5	Bolt	Galvanized Steel
6	Bolt Nut	Galvanized Steel

### TEST PRESSURE

Hydrostatic	Test Type	Pressure
	Shell Test	24 bar
	Seat Test	17.6 bar

### DIMENSIONS

DN(mm)	SIZE INCH	L	D	K	G	B	f	n	d
50	2"	207	155	120	99	17	2	4	Ø19
65	2.1/2"	210	175	140	119	17	2	4	Ø19
80	3"	251	185	150	125	17	2	8	Ø19
100	4"	292	210	175	152	17	2	8	Ø19
125	5"	334	250	210	180	17	2	8	Ø23
150	6"	379	280	240	210	23	2	8	Ø23
200	8"	475	330	290	260	24	2.5	12	Ø23
250	10"	511	400	335	325	24	2.5	12	Ø25
300	12"	667	445	400	370	26	2.5	16	Ø25