



PT.NO.	PART NAME	MATERIAL			
		DI ²⁾	WCB	CF8	CF8M
01	BODY	DI ²⁾	WCB	CF8	CF8M
02	PLUG	CA15		CF8	CF8M
03	COVER	DI ²⁾	WCB	CF8	CF8M
04	SLEEVE	PTFE			
05	PTFE DIAPHRAGM	PTFE			
06	WEDGE RING	PTFE			
07	METAL DIAPHRAGM	304 *			
08	THRUST COLLAR	CF8			
09	STATIC ELIMINATOR	304 *			
10	STUD / NUT -BODY	A193 Gr. B8 / A194 Gr. 8			
13	ADJ. SCREW	304			
19	BRACKET	WCB / STEEL			
20	GEAR ACTUATOR	CI HOUSING			

NOTE :

- 1) ONLY DIMENSION 'A' IS CERTIFIED, AND CONFORMS TO ASME B16.10 / EN 558 - 2, SERIES 3 FOR CLASS 150 SERIES 4 FOR CLASS 300
OTHER DIMENSIONS ARE INDICATIVE.
WEIGHT INDICATED IS APPROXIMATE.
- 2) FOR CLASS 150 ONLY.
- 3) DRILLING AS PER ASME B16.5 CLASS 150 / 300.
- 4) • TOP TWO HOLES IN FLANGES ARE TAPPED
a) M20 b) M24 (APPLICABLE ONLY IF BODY MATERIAL IS DI FOR DN 150)

DESIGN STD. : API 599
TESTING STD. : API 598

ALL DIMENSIONS ARE IN mm.

CLASS	150				300		
	150	200	250	300	150	200	250
SIZE	150	200	250	300	150	200	250
A	267	292	330	356	403	419	457
B	250	280	340	390	250	290	340
ØC	450	500			500		
ØD	280	345	405	485	320	380	445
ØE	216	270	324	381	216	270	324
T	26	29	31	32.5	37	42	48.5
DRILLING	HOLES	8	8	12	12	12	16
	HOLE Ø	22.2 ^{a)}	22.2 ^{a)}	25.4 ^{b)}	25.4 ^{b)}	22.2	25.4
	PCD	241.3	298.5	362	431.8	269.9	330.2
WEIGHT - kgs	60	96	142	195	91	148	210
QTY.							

TAG NO.

CODE	DI	WCB	CF8	CF8M	CA15	304
MATERIAL SPECN.	A395 DI	A216 WCB	A351 CF8	A351 CF8M	A217 CA15	A276 / A 240 * 304

TEST PRESSURE , bar

CLASS		150	300
HYD.	SHELL	30	76
	SEAT	22	55
AIR	SEAT	6.9	

CUSTOMER : _____
ORDER NO. : _____
JOB/PROJECT : _____

APPROVED :

CHECKED :

DRAWN :

FOR RECORD

FOR APPROVAL