

Composition of Metal

	Chemical Property								Mechanical Property		
	C% Max.	Mn % Max.	Si% Max.	S % Max.	P % Max.	Cr %	Ni %	Ni %	UTS min. Mpa.	YS min MPA.	Elong % Min.
CF8	0.08	1.50	2.00	0.04	0.04	18-21	8-11	0.50	485	205	35
CF8M	0.08	1.50	1.50	0.04	0.04	18-21	9-12	2-3	485	205	30
CF3	0.03	1.50	2.00	0.04	0.04	17-21	8-12	0.50	485	205	35
CF3M	0.03	1.50	1.50	0.04	0.04	17-21	9-12	2-3	485	205	30
CF3MN	0.03	1.50	1.50	0.04	0.04	17-21	9-13	2-3	515	255	35
CN7M	0.07	1.50	1.50	0.04	0.04	19-22	27.5-30.5	2-3	425	170	35
CD4MCU	0.04	1.00	1.00	0.04	0.04	24.5-26.5	4.75-6.00	1.75-2.25	690	485	16
CB7CU-1	0.07	0.70	1.00	0.03	0.03	15.5-17.7	3.6-4.6	2.5-3.2	860	670	10
WCB	0.30	1.00	0.60	0.04	0.04	0.50	0.50	0.20	450	240	22
WCC	0.25	1.20	0.60	0.04	0.04	0.50	0.50	0.20	450	240	22
CA15	0.15	1.00	1.50	0.04	0.04	11.5-14	1.00	0.50	620	450	18

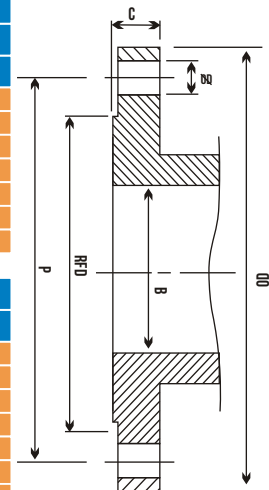
Test Pressure

Pressure Rating	150 #		300 #		
	Material	Shell (Kg/cm ²)	Seat (Kg/cm ²)	Shell (Kg/cm ²)	Seat (Kg/cm ²)
WCB		32.00	23.00	79.50	58.50
CF8/CF3		30.00	23.00	77.50	56.50
CF8M/CF3M		30.00	23.00	77.50	56.50
CN7M		25.00	19.50	63.50	49.50

Raised Face Flange Dimensions (ASME B 16.5)

Class 150		Valve Flanges											
Size NPS (")		1/2	3/4	1	1 1/2	2	2 1/2	3	4	6	8	10	12
Size DN (mm)		15	20	25	40	50	65	80	100	150	200	250	300
RFD	RAISED FACD DIA	35	43	51	73	92	105	127	157.5	216	270	324	381
B	BORE DIA	12.5	19	25.4	38	51	64	76	102	152	203	254	305
OD	FLANGE OD	89	98	108	127	152.5	178	191	229	279.5	343	406.5	482.5
C	THICKNESS	10	10.5	11.2	14.5	16	17.5	18	22	25.5	28.5	30.5	32
P	PCD	60.5	70	79.5	98.5	120.5	139.5	152.5	190.5	241.5	298.5	362	432
N	NO. OF HOLES	4	4	4	4	4	4	4	8	8	8	12	12
OD	HOLE DIA	16	16	16	16	19	19	19	19	22	22	25	25

Class 300		Valve Flanges											
Size NPS (")		1/2	3/4	1	1 1/2	2	2 1/2	3	4	6	8	10	12
RFD	RAISED FACD DIA	35	43	51	73	92	105	127	157.5	216	270	324	381
B	BORE DIA	12.5	19	25.4	38	51	64	76	102	152	203	254	305
OD	FLANGE OD	95.5	117.5	124	156	165	190.5	209.5	254	317.5	381	444.5	521
C	THICKNESS	14.5	16	17.5	20.5	22.5	25.5	28.5	32	36.5	41.5	47.5	51
P	PCD	67.5	82.5	89	114.5	127	149	168.5	200	270	330	387.5	451
N	NO. OF HOLES	4	4	4	4	8	8	8	8	12	12	16	16
OD	HOLE DIA	16	19	19	22	19	22	22	22	22	25	28	32



Authorized Dealer :