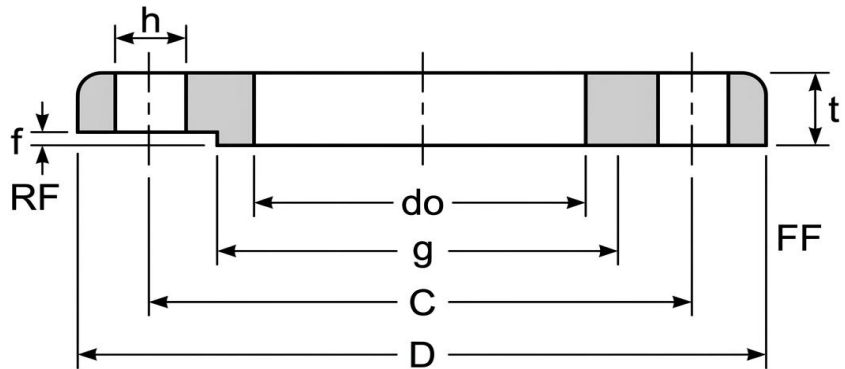
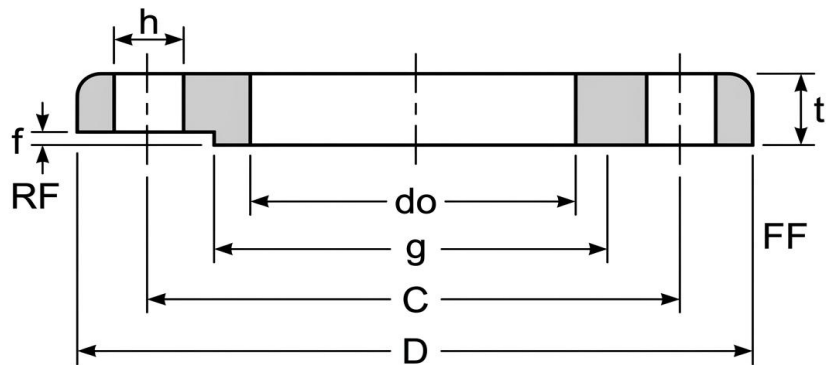


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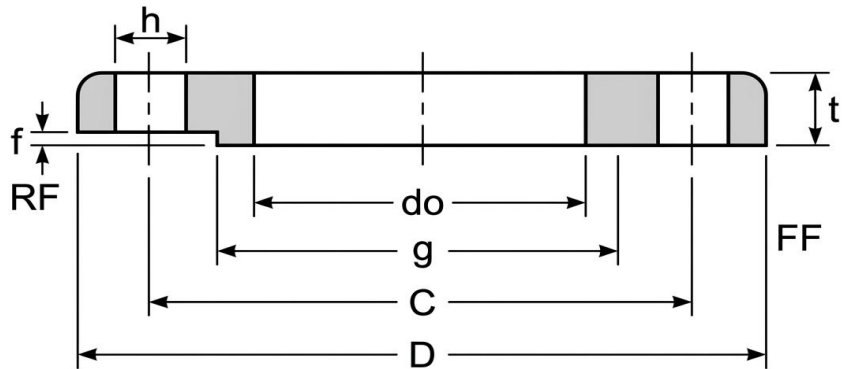
Nominal Pipe Size	Outside Diam	Pipe	BORE	Thickness	Bolt circle diam	Raise Face		Diam of Bolt	Number of holes	Weight/kg	
						g	f			Slip on	Blind
250/3	D	OD	do	t	C	g	f	h	N	Slip on	Blind
15MM	80	21.3	22	10	55	40	2	11	4	0.33	0.36
20MM	90	26.9	27.6	10	65	50	2	11	4	0.42	0.46
25MM	100	33.7	34.4	10	75	60	2	11	4	0.51	0.58
32MM	120	42.4	43.1	10	90	70	2	14	4	0.73	0.84
40MM	130	48.3	49	10	100	80	3	14	4	0.85	0.99
50MM	140	60.3	61.1	10	110	90	3	14	4	0.93	1.16
65MM	160	76.1	77.1	10	130	110	3	14	4	1.16	1.53
80MM	190	88.9	90.3	10	150	120	3	18	4	1.64	2.15
100MM	210	114.3	115.9	10	170	148	3	18	4	1.81	2.64
125MM	240	139.7	141.6	12	200	178	3	18	8	2.59	4.07
150MM	265	168.3	170.5	12	225	202	3	18	8	2.86	5.01
200MM	320	219.1	221.8	14	280	258	3	18	8	4.37	8.62
250MM	375	273	276.2	16	335	312	3	18	12	5.97	13.5
300MM	440	323.9	327.6	20	395	365	4	22	12	9.86	23.11
350MM	490	355.6	359.7	22	445	415	4	22	12	14.17	31.73
400MM	540	406.4	411	22	495	465	4	22	16	15.5	38.43
450MM	595	457	462	25	550	520	4	22	16	20.38	53.3
500MM	645	508	513.6	25	600	570	4	22	20	21.85	62.54
600MM	755	610	616.5	30	705	670	5	26	20	32.46	102.81

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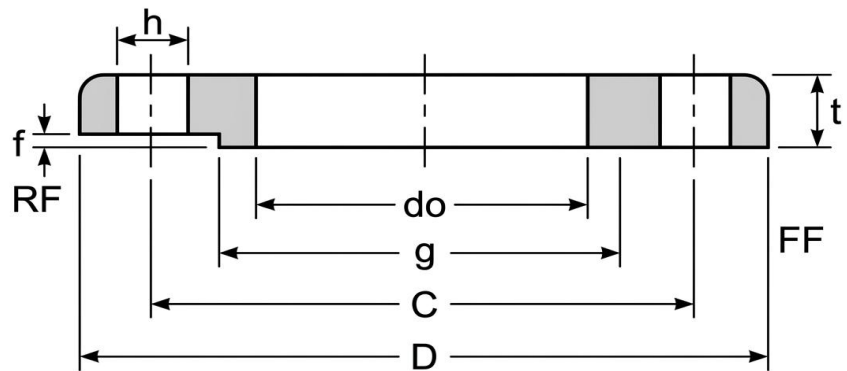
Nominal Pipe Size	Outside Diam	Pipe	BORE	Thickness	Bolt circle diam	Raise Face		Diam of Bolt	Number of holes	Weight/kg	
						g	f			h	N
600/3	D	OD	do	t	C	g	f	h	N	Slip on	Blind
15MM	80	21.3	22	10	55	40	2	11	4	0.33	0.37
20MM	90	26.9	27.6	10	65	50	2	11	4	0.42	0.47
25MM	100	33.7	34.4	10	75	60	2	11	4	0.51	0.59
32MM	120	42.4	43.1	10	90	70	2	14	4	0.72	0.84
40MM	130	48.3	49	10	100	80	3	14	4	0.84	0.99
50MM	140	60.3	61.1	10	110	90	3	14	4	0.93	1.16
65MM	160	76.1	77.1	10	130	110	3	14	4	1.16	1.53
80MM	190	88.9	90.3	10	150	128	3	18	4	1.64	2.15
100MM	210	114.3	115.9	10	170	148	3	18	4	1.81	2.64
125MM	240	139.7	141.6	12	200	178	3	18	8	2.61	4.07
150MM	265	168.3	170.5	12	225	202	3	18	8	2.92	5.01
200MM	320	219.1	221.8	14	280	258	3	18	8	4.41	8.62
250MM	375	273	276.2	16	335	312	3	18	12	6.04	13.5
300MM	440	323.9	327.6	20	395	365	4	22	12	10.08	23.17
350MM	490	355.6	359.7	22	445	415	4	22	12	14.43	31.8
400MM	540	406.4	411	22	495	465	4	22	16	15.96	38.53
450MM	595	457	462.5	25	550	520	4	22	16	20.95	53.41
500MM	645	508	513.6	25	600	570	4	22	20	22.59	62.68
600MM	755	610	616.5	30	705	670	5	26	20	33.51	103.01

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1000/3



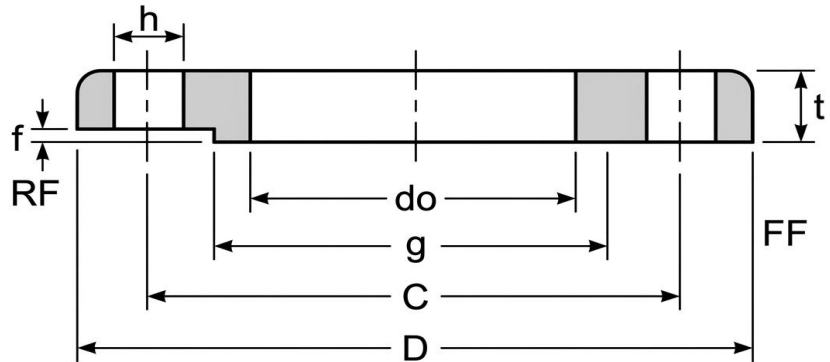
Nominal Pipe Size	Outside Diam	Pipe	BORE	Thickness	Bolt circle diam	Raise Face		Diam of Bolt	Number of holes	Weight/kg	
						g	f			Slip on	Blind
1000/3	D	OD	do	t	C	g	f	h	N	Slip on	Blind
15MM	95	21.3	22	10	65	45	2	14	4	0.48	0.51
20MM	105	26.9	27.6	10	75	58	2	14	4	0.58	0.63
25MM	115	33.7	34.4	10	85	68	2	14	4	0.69	0.77
32MM	140	42.4	43.1	10	100	78	2	18	4	1.01	1.13
40MM	150	48.3	49	10	110	88	3	18	4	1.16	1.31
50MM	165	60.3	61.1	10	125	102	3	18	4	1.36	1.6
65MM	185	76.1	77.1	12	145	122	3	18	4	1.99	2.44
80MM	200	88.9	90.3	12	160	138	3	18	8	2.16	2.77
100MM	220	114.3	115.9	12	180	158	3	18	8	2.4	3.39
125MM	250	139.7	141.6	14	210	188	3	18	8	3.46	5.17
150MM	285	165.1	170.5	16	240	212	3	22	8	4.86	7.64
200MM	340	219.1	221.8	18	295	268	3	22	8	7	12.41
250MM	395	273	276.2	20	350	320	3	22	12	9.22	18.54
300MM	445	323.9	327.6	22	400	370	4	22	12	11.68	26.09
350MM	505	355.6	325.7	25	460	430	4	22	16	18.4	38.14
400MM	565	406.4	411	25	515	482	4	26	16	21.93	47.57
450MM	615	457	462.5	30	565	532	4	26	20	28.56	67.51
500MM	670	508	513.6	32	620	585	4	26	20	34.66	85.96
600MM	780	610	616.5	38	725	685	5	26	20	51.46	139.48

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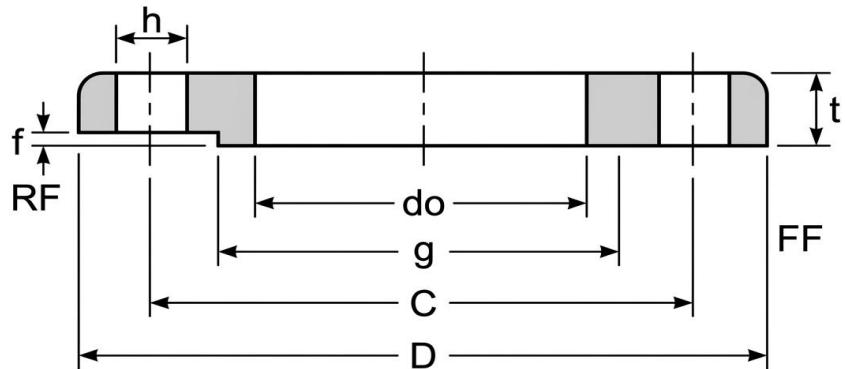
Nominal Pipe Size	Outside Diam	Pipe	BORE	Thickness	Bolt circle diam	Raise Face		Diam of Bolt	Number of holes	Weight/kg	
						g	f			Slip on	Blind
1600/3	D	OD	do	t	C	g	f	h	N	Slip on	Blind
15MM	95	21.3	22	10	65	45	2	14	4	0.48	0.51
20MM	105	26.9	27.6	10	75	58	2	14	4	0.58	0.63
25MM	115	33.7	34.4	10	85	68	2	14	4	0.69	0.77
32MM	140	42.4	43.1	10	100	78	2	18	4	1.01	1.13
40MM	150	48.3	49	10	110	88	3	18	4	1.16	1.31
50MM	165	60.3	61.1	12	125	102	3	18	4	1.64	1.92
65MM	185	76.1	77.1	12	145	122	3	18	4	1.99	2.44
80MM	200	88.9	90.3	14	160	138	3	18	8	2.52	3.23
100MM	220	114.3	115.9	14	180	158	3	18	8	2.8	3.96
125MM	250	139.7	141.6	16	210	188	3	18	8	3.96	5.91
150MM	285	168.3	170.5	18	240	212	3	22	8	5.47	8.59
200MM	340	219.1	221.8	22	295	268	3	22	12	8.29	14.9
250MM	405	273	276.2	25	355	320	3	26	12	12.4	24.05
300MM	460	323.9	327.6	28	410	378	4	26	12	16.82	35.15
350MM	520	355.6	359.7	30	470	438	4	26	16	24.37	48.05
400MM	580	406.4	411	35	525	490	4	26	16	34.42	70.31
450MM	640	457	462.5	40	585	550	4	26	20	45.83	97.75
500MM	715	508	513.6	40	650	610	4	33	20	56.69	120.8
600MM	840	610	616.5	50	770	725	5	33	20	95.19	210.96

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2500/3



Nominal Pipe Size	Outside Diam	Pipe	BORE	Thickness	Bolt circle diam	Raise Face		Diam of Bolt	Number of holes	Weight/kg	
						g	f			h	N
2500/3	D	OD	do	t	C	g	f	h	N	Slip on	Blind
15MM	95	21.3	22	14	65	45	2	14	4	0.67	0.71
20MM	105	26.9	27.6	14	75	58	2	14	4	0.81	0.88
25MM	115	33.7	34.4	16	85	68	2	14	4	1.11	1.23
32MM	140	42.4	43.1	18	100	78	2	18	4	1.82	2.03
40MM	150	48.3	49	20	110	88	2	18	4	2.31	2.62
50MM	165	60.3	61.1	20	125	102	3	18	4	2.73	3.2
65MM	185	76.1	77.1	22	145	122	3	18	8	3.47	4.29
80MM	200	88.9	90.3	22	160	138	3	18	8	3.97	5.08
100MM	235	114.3	115.9	25	190	162	3	22	8	5.86	7.92
125MM	270	139.7	141.6	28	220	188	3	26	8	8.24	11.66
150MM	300	168.3	170.5	30	250	218	3	26	8	10.45	15.66
200MM	360	219.1	221.8	30	310	278	3	26	12	13.46	22.5
250MM	425	273	276.2	30	370	335	3	26	12	17.96	31.93
300MM	485	323.9	327.6	32	430	395	4	26	16	23.36	44.31
350MM	555	355.6	359.7	35	490	450	4	33	16	35.14	62.76
400MM	620	406.4	411	40	550	505	4	33	16	49.57	90.57
450MM	670	457	462.5	45	600	555	4	33	20	60.19	118.59
500MM	730	508	513.6	50	660	615	4	33	20	77.57	157.68
600MM	845	610	616.5	60	770	720	5	39	20	114.15	253.15

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4000/3



Nominal Pipe Size	Outside Diam	Pipe	BORE	Thickness	Bolt circle diam	Raise Face		Diam of Bolt	Number of holes	Weight/kg	
						g	f			Slip on	Blind
4000/3	D	OD	do	t	C	g	f	h	N	Slip on	Blind
15MM	95	21.3	22	14	65	45	2	14	4	0.67	0.71
20MM	105	26.9	27.6	14	75	58	2	14	4	0.81	0.88
25MM	115	33.7	34.4	16	85	68	2	14	4	1.11	1.23
32MM	140	42.4	43.1	18	100	78	2	18	4	1.82	2.03
40MM	150	48.3	49	20	110	88	3	18	4	2.31	2.62
50MM	165	60.3	61.1	20	125	102	3	18	4	2.73	3.2
65MM	185	76.1	77.1	22	145	122	3	18	8	3.47	4.29
80MM	200	88.9	90.3	22	160	138	3	18	8	3.96	5.08
100MM	235	114.3	115.9	25	190	162	3	22	8	5.86	7.92
125MM	270	139.7	141.6	28	220	188	3	26	8	8.24	11.66
150MM	300	168.3	170.5	30	250	218	3	26	8	10.45	15.66
200MM	375	219.1	221.8	32	320	285	3	26	12	16.55	26.16
250MM	450	273	276.2	38	385	345	3	33	12	26.73	44.41
300MM	515	323.9	327.6	40	450	410	4	33	16	34.98	61.16
350MM	580	355.6	359.7	45	510	465	4	33	16	53.06	88.56
400MM	660	406.4	411	50	585	535	4	39	16	75.64	126.87
450MM	685	457	462.5	60	610	575	4	39	20	84.59	162.45
500MM	755	508	513.6	70	670	615	4	39	20	120.91	233.06