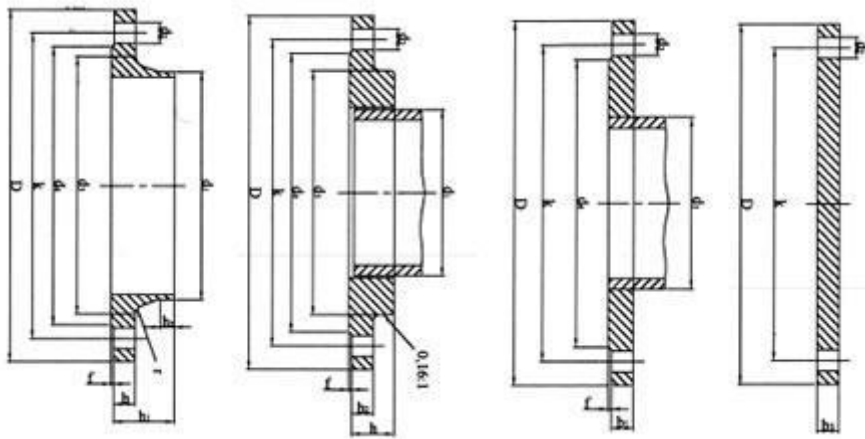


SABS 1123 Class 600 Welding On Flange

SABS 1123 CLASS 600 WELDING ON FLANGE DIMENSIONS, WEIGHT, AND TECHNICAL DRAWING



SABS 1123 CLASS 600 WELDING ON FLANGE DIMENSIONS
FLANGE DIMENSIONS & APPROXIMATE MASSES

Nominal pressure 600 kPa 600/2 = Table 4 600/4 = Table 6 600/3 = Table 5 600/8 = Table 8																		
NB	Pipe O.D. d1	Flange							Raised Face		Bolt	Drilling			Neck			Boss d5
		D	b	b1	b2	b3	h	h1	d4	f		No.	d2	k	d3	h2	r	
10	17.2	75	8	10	8	10	16	28	35	2	M10	4	11	50	26	6	4	25
15	21.3	80	8	10	8	10	16	30	40	2	M10	4	11	55	30	6	4	30
20	26.9	90	8	10	8	10	18	32	50	2	M10	4	11	65	38	6	4	40
25	33.7	100	8	10	8	10	18	35	60	2	M10	4	11	75	42	6	4	50
32	42.4	120	8	10	8	10	20	35	70	2	M12	4	14	90	55	6	6	60
40	48.3	130	8	10	8	10	20	38	80	3	M12	4	14	100	62	7	6	70

50	60.3	140	8	10	8	10	22	38	90	3	M12	4	14	110	74	8	6	80
65	76.1	160	8	10	8	10	26	38	110	3	M12	4	14	130	88	9	6	100
80	88.9	190	10	10	10	10	28	42	128	3	M16	4	18	150	102	10	8	110
100	114.3	210	10	10	10	10	34	45	148	3	M16	4	18	170	130	10	8	130
*125	139.7	240	13	12	13	12	39	48	178	3	M16	8	18	200	155	10	8	160
150	168.3	265	13	12	13	12	39	48	202	3	M16	8	18	225	184	12	10	185
*175	193.7	295	13	14	–	14	–	52	230	3	M16	8	18	255	210	12	10	–
200	219.1	320	13	14	–	14	–	55	258	3	M16	8	18	280	236	15	10	–
*225	244.5	345	16	16	–	16	–	58	285	3	M16	8	18	305	264	15	12	–
250	273	375	16	16	–	16	–	60	312	3	M16	12	18	335	290	15	12	–
300	323.9	440	20	20	–	20	–	62	365	4	M20	12	22	395	342	15	12	–
350	355.6	490	22	22	–	22	–	62	415	4	M20	12	22	445	385	15	12	–
400	406.4	540	22	22	–	22	–	65	465	4	M20	16	22	495	438	15	12	–
450	457.2	595	24	25	–	25	–	65	520	4	M20	16	22	550	492	15	12	–
500	508	645	24	25	–	25	–	68	570	4	M20	20	22	600	538	15	12	–
550	559	705	24	28	–	28	–	68	620	5	M24	20	26	655	590	16	12	–
600	609.6	755	24	30	–	30	–	70	670	5	M24	20	26	705	640	16	12	–

* T600/2=Welding Neck Flange, T600/3=Slip on FF Flange, T600/4=Threaded Screwed Flange, T600/5= Slip on Bossed Flange, T600/8=Blind Flange

* NP = Nominal Pressure 600kPa, 1000kPa, 1600kPa, 2500kPa, 4000kPa

SABS 1123 CLASS 600 WELDING ON FLANGE INDUSTRIES AND APPLICATIONS

WIDELY USED IN THE INDUSTRIES

- Pumps, Valves, and vessels in manufacturing and food processing.
- Pipe connections in industrial waterworks.
- Heat exchangers and heating systems of all sizes.
- Mining support.
- Nuclear power systems.
- Plumbing and mechanical systems.
- Assemblies in the oil, gas, and petrochemical industries.
- Fire protection systems.