

British Standard Pipe Flanges

Table J : For working pressure above 250 lbs and upto 350 lbs per sq. inch.						Table K : For working pressure above 350 lbs and upto 450 lbs per sq. inch					
Nominal Pipe Size	O.D. of Flange	Dia of Bolt Circle	No. of Bolt	Dia of Bolt	Thickness	Nominal Pipe Size	Dia of Flange	Dia of Bolt Circle	No. of Bolt	Dia of Bolt	Thickness
1/2"	4.1/2"	3.1/4"	4	5/8"	5/8"	1/2"	4.1/2"	3.1/4"	4	5/8"	3/4"
3/4"	4.1/2"	3.1/4"	4	5/8"	5/8"	3/4"	4.1/2"	3.1/4"	4	5/8"	3/4"
1"	4.3/4"	3.7/16"	4	5/8"	3/4"	1"	5"	3.3/4"	4	5/8"	7/8"
1.1/4"	5.1/4"	3.7/8"	4	5/8"	3/4"	1.1/4"	5.1/4"	3.7/8"	4	5/8"	7/8"
1.1/2"	5.1/2"	4.1/8"	4	5/8"	7/8"	1.1/2"	6"	4.1/2"	4	5/8"	1"
2"	6.1/2"	5"	4	3/4"	1"	2"	6.1/2"	5"	8	5/8"	1"
2.1/2"	7.1/4"	5.3/4"	8	3/4"	1"	2.1/2"	7.1/4"	5.3/4"	8	3/4"	1.1/8"
3"	8"	6.1/2"	8	3/4"	1.1/4"	3"	8"	6.1/2"	8	3/4"	1.1/4"
3.1/2"	8.1/2"	7"	8	3/4"	1.1/4"	3.1/2"	9"	7.1/4"	8	7/8"	1.1/4"
4"	9"	7.1/2"	8	3/4"	1.3/8"	4"	9.1/2"	7.3/4"	8	7/8"	1.3/8"
5"	11"	9.1/4"	8	7/8"	1.1/2"	5"	11"	9.1/4"	12	7/8"	1.5/8"
6"	12"	10.1/4"	12	7/8"	1.1/2"	6"	12"	10.1/4"	12	7/8"	1.5/8"
7"	13.1/4"	11.1/2"	12	7/8"	1.5/8"	7"	13.1/2"	11.1/2"	12	1"	1.3/4"
8"	14.1/2"	12.3/4"	12	7/8"	1.5/8"	8"	14.1/2"	12.1/2"	12	1"	1.7/8"
9"	16"	14"	12	1"	1.3/4"	9"	16"	14"	16	1"	2"
10"	17"	15"	12	1"	1.7/8"	10"	17"	15"	16	1"	2"
12"	19.1/4"	17.1/4"	16	1"	2"	12"	19.1/4"	17"	16	1.1/8"	2.1/4"
14"	21.3/4"	19.1/2"	16	1.1/8"	2.1/8"	14"	22.1/2"	20"	16	1.1/4"	2.3/8"
16"	24"	21.3/4"	20	1.1/8"	2.1/4"	16"	24.3/4"	22.1/4"	20	1.1/4"	2.5/8"
18"	26.1/2"	24"	20	1.1/4"	2.3/8"	18"	28.1/4"	25.3/4"	20	1.3/8"	3"
20"	29"	26.1/2"	24	1.1/4"	2.1/2"	20"	31"	28"	20	1.1/2"	3.1/4"
24"	33.1/2"	30.3/4"	24	1.3/8"	2.3/4"						

For 1/2" and 5/8" Bolts the diameters of the holes shall be 1/16" in Larger than the Bolts
for 3/4" bolts and sizes above, the diameter shall be 1/8" in Larger than the Bolts

BRITISH STANDARD PIPE FLANGES PRESSURE - TEMPERATURE RATINGS FOR CARBON STEEL FLANGES TEMPERATURE

Table	°FO-450	500	550	600	650	700	750	800	825	850	875	900	Max Hydraulic Test Pressure
	-17.8 °C to 232.2	260.0	287.8	315.6	343.3	371.1	399	427	441	454	468	482	
D	100	95	85	80	70	65	55	50	--	--	--	--	150
E	200	185	170	155	140	130	115	100	--	--	--	--	300
F	300	280	255	235	215	195	170	150	--	--	--	--	450
H	500	465	430	395	355	320	285	250	215	180	150	115	750
J	700	650	600	550	500	450	400	350	300	255	210	160	1050
K	900	835	770	705	645	580	515	450	390	325	265	205	1350
R	1200	1115	1030	945	855	770	685	600	520	435	355	275	1800
S	1800	1670	1545	1415	1285	1155	1030	900	780	655	535	415	2700
T	2800	2600	2400	2200	2000	1800	1600	1400	1210	1025	835	645	4200