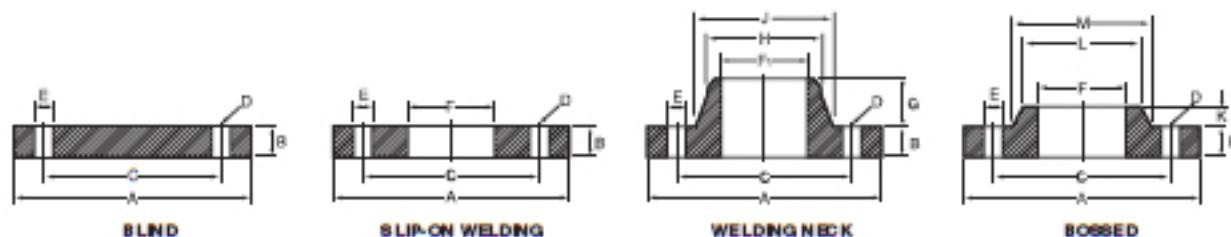


Size		Bolting Details						Bolting Details		Welding Neck			Boss Details		
DN mm	Nominal Pipe Size inch	Outside Diameter of Flange A	Forged or Plate; Thickness of Flange Min. B	Pitch Circle Diameter C	Number of Holes D	Diameter of Holes E	Diameter of Bolts Metric	Slip-On or Bossed F	Welding Neck F1	Total Length of Neck G	Diameter at Small End of Neck H	Diameter at Large End of Neck J	Length of Boss Details K	Diameter of Boss at Small End Min. L	Diameter at Root of Boss Max. M
15	1/2	95	5*	67	4	14	M12	BORE OF FLANGES TO SUIT EITHER PIPE OR TUBE OD - REFER PIPE & TUBE DIMENSIONS ON PAGES 36 & 37	BORE TO SUIT PIPE SCHEDULE - TO BE SPECIFIED BY THE PURCHASER	22	22	27	10	33	38
20	3/4	100	5*	73	4	14	M12			22	27	33	11	38	44
25	1	115	5*	83	4	14	M12			22	34	43	11	48	52
32	1-1/4	120	6*	87	4	14	M12			25	43	49	11	56	58
40	1-1/2	135	6*	98	4	14	M12			29	49	59	13	62	70
50	2	150	8*	114	4	18	M16			29	61	70	13	75	79
65	2-1/2	165	8*	127	4	18	M16			32	76	83	16	90	93
80	3	185	10*	165	4	18	M16			35	89	102	16	106	112
100	4	215	10*	178	4	18	M16			41	115	130	19	133	140
125	5	265	13	210	8	18	M16			44	142	152	19	160	171
150	6	280	13	235	8	18	M16			48	169	184	19	186	197
200	8	335	13	292	8	22	M20			51	220	241	22	241	254
250	10	405	16	356	8	22	M20			64	274	292	27	298	310
300	12	455	19	406	12	26	M24			70	324	343	29	349	360
350	14	525	22	470	12	26	M24			73	356	387	-	-	-
400	16	580	22	521	12	26	M24			-	-	-	-	-	-
450	18	640	25	584	12	26	M24			-	-	-	-	-	-
500	20	705	29	641	16	26	M24			-	-	-	-	-	-
600	24	825	32	756	16	30	M27			-	-	-	-	-	-

Size		Approximate piece weight in Kilograms		
DN mm	NPS inch	Blind	Pipe Slip-On	Tube Slip-On
15	1/2	0.26	0.24	0.25
20	3/4	0.29	0.27	0.28
25	1	0.39	0.36	0.37
32	1-1/4	0.51	0.45	0.48
40	1-1/2	0.66	0.57	0.60
50	2	1.1	0.88	0.94
65	2-1/2	1.3	1.0	1.1
80	3	2.1	1.6	1.7
100	4	2.8	2.0	2.2
125	5	5.1	3.5	3.8
150	6	6.2	3.9	4.3
200	8	9.0	5.0	5.6
250	10	16.1	8.6	9.6
300	12	24.0	11.5	12.9
350	14	37.0	19.5	19.5
400	16	45.4	22.5	22.5
450	18	63.1	30.3	30.2
500	20	86.6	41.6	41.6
600	24	134.0	59.1	59.2

*Flanges less than 12 mm thickness may suffer unacceptable distortion after welding to pipe.



Notes:

1. All dimensions are in millimetres.
2. Only the Flat Face variant of each type of flange has been illustrated as they are the most commonly available. Other variants available are Raised Face, Flat with O-Ring Groove or Spot-Faced and other flange facing types may change the "B" dimension, please contact your local Prochem office for more information.
3. For Threaded Flanges a Boss Flange is used to accommodate the thread. The Thread Form and Thread Type are not specified in the Standard, please contact your local Prochem office for more information.
4. All weights are approximate only.