

FLAGG FLOW PRODUCTS

BRONZE FLANGES – Grooved for Brazing Ring

Flanges – Navy Type

150 Lbs. W.O.G. at 150° F. 100 Lbs. W.S.P. at 425° F.



Fig. 5175

Face Fed Grooved
Faced & Drilled Fig. 5075 Fig. 5175
Faced Only Fig. 5076 Fig. 5176
Blind Fig. 5077

Size Code	Pipe Size in Inches	Outside Diameter of Flange	Overall Height	Flange Thickness	Number of Bolt Holes	Diameter of Holes	Bolt Circle	Weight Per 100 Pieces
040	1/4	3-1/4	7/8	3/8	3	9/16	2-1/8	100
060	3/8	3-3/8	15/16	3/8	3	9/16	2-1/4	131
100	1/2	3-9/16	1	3/8	3	9/16	2-7/16	125
150	3/4	3-13/16	1-1/16	7/16	4	9/16	2-11/16	151
200	1	4-1/4	1-1/8	7/16	4	9/16	3-1/8	190
250	1-1/4	4-1/2	1-1/4	7/16	4	9/16	3-3/8	219
300	1-1/2	5-1/16	1-3/8	7/16	6	9/16	3-15/16	276
400	2	5-9/16	1-3/8	7/16	6	9/16	4-7/16	325
450	2-1/2	6-1/8	1-3/8	1/2	6	9/16	5	441
500	3	6-5/8	1-3/8	1/2	8	9/16	5-1/2	488
550	3-1/2	7-3/16	1-7/16	1/2	8	9/16	6-1/16	533
600	4	7-11/16	1-7/16	1/2	8	9/16	6-9/16	620
615	4-1/2	8-3/16	1-1/2	1/2	10	9/16	7-1/16	680
650	5	9-1/16	1-9/16	9/16	10	11/16	7-13/16	927
700	6	10-1/8	1-11/16	9/16	12	11/16	8-7/8	1110
710	7	11-5/16	1-13/16	9/16	12	11/16	10	1397
750	8	12-3/8	2	5/8	14	11/16	11-1/16	1810
800	10	15	2-1/4	11/16	15	13/16	13-7/16	2665
820	12	17-5/8	2-1/2	3/4	18	13/16	16-1/16	4125

Flanges – Commercial Type

150 Lbs. W.S.P. at 450° F. 225 Lbs. W.O.G. at 150° F.



Fig. 5170

Face Fed Grooved
Faced & Drilled Fig. 5070 Fig. 5170
Faced Only Fig. 5071 Fig. 5171
Blind Fig. 5072

Size Code	Pipe Size in Inches	Outside Diameter of Flange	Overall Height	Flange Thickness	Number of Bolt Holes	Diameter of Holes	Bolt Circle	Weight Per 100 Pieces
040	1/4	3-1/2	3/4	5/16	4	5/8	2-3/8	94
060	3/8	3-1/2	7/8	5/16	4	5/8	2-3/8	99
100	1/2	3-1/2	1	5/16	4	5/8	2-3/8	99
150	3/4	3-7/8	1-1/16	11/32	4	5/8	2-3/4	136
200	1	4-1/4	1-5/32	3/8	4	5/8	3-1/8	172
250	1-1/4	4-5/8	1-9/32	13/32	4	5/8	3-1/2	230
300	1-1/2	5	1-7/16	7/16	4	5/8	3-7/8	295
400	2	6	1-17/32	1/2	4	3/4	4-3/4	430
450	2-1/2	7	1-25/32	9/16	4	3/4	5-1/2	673
500	3	7-1/2	1-27/32	5/8	4	3/4	6	827
550	3-1/2	8-1/2	1-31/32	11/16	8	3/4	7	1123
600	4	9	2-1/8	11/16	8	3/4	7-1/2	1275
650	5	10	2-5/16	3/4	8	7/8	8-1/2	1660
700	6	11	2-15/32	13/16	8	7/8	9-1/2	1980
750	8	13-1/2	2-11/16	15/16	8	7/8	11-3/4	3137
800	10	16	3	1	12	1	14-1/4	4550
820	12	19	3-3/16	1-1/16	12	1	17	6650

Flanges – Navy Type

250 Lbs. W.O.G. at 150° F.

150 Lbs. W.S.P. at 425° F.



Fig. 5181

Grooved
Faced & Drilled Fig. 5181
Blind Fig. 5083

Size Code	Pipe Size in Inches	Outside Diameter of Flange	Overall Height	Flange Thickness	Number of Bolt Holes	Diameter of Holes	Bolt Circle	Weight Per 100 Pieces
040	1/4	3-1/4	1-3/16	11/16	3	9/16	2-1/8	175
060	3/8	3-3/8	1-1/4	11/16	3	9/16	2-1/4	206
100	1/2	3-9/16	1-5/16	11/16	3	9/16	2-7/16	220
200	1	4-1/4	1-7/16	3/4	4	9/16	3-1/8	320
250	1-1/4	4-1/2	1-5/8	13/16	4	9/16	3-3/8	390
300	1-1/2	5-1/16	1-3/4	13/16	6	9/16	3-15/16	463
400	2	5-9/16	1-3/4	13/16	6	11/16	4-7/16	537
450	2-1/2	6-1/8	1-13/16	15/16	6	11/16	5	675
500	3	6-5/8	1-13/16	15/16	8	11/16	5-1/2	725
550	3-1/2	7-3/16	1-15/16	1	8	11/16	6-1/16	920
600	4	7-11/16	1-15/16	1	8	11/16	6-9/16	1075
650	5	9-1/16	2-1/16	1-1/16	10	11/16	7-13/16	1535
700	6	10-1/8	2-5/16	1-3/16	12	11/16	8-7/8	2075
750	8	12-3/8	2-11/16	1-5/16	14	11/16	11-1/16	3196
760	9	13-15/16	2-7/8	1-3/8	14	13/16	12-3/8	4200
800	10	15	3	1-7/16	15	13/16	13-7/16	4780
820	12	17-5/8	3-1/8	1-1/2	18	13/16	16-1/16	6805

Flanges – Butterfly – Navy Type

200 Lbs. W.S.P. at 450° F. 225 Lbs. W.O.G. at 150° F.



Fig. 5188

Grooved
Faced & Drilled Fig. 5188

Size Code	Pipe Size in Inches	Outside Diameter of Flange	Overall Height	Flange Thickness	Number of Bolt Holes	Diameter of Holes	Bolt Circle	Weight Per 100 Pieces
250	1-1/4	4-5/8	1-9/32	13/32	4	5/8	3-1/2	230
300	1-1/2	5	1-7/16	7/16	4	5/8	3-7/8	295
400	2	6	1-17/32	1/2	4	3/4	4-3/4	430
450	2-1/2	7	1-25/32	9/16	4	3/4	5-1/2	673
500	3	7-1/2	1-27/32	5/8	4	3/4	6	827
550	3-1/2	8-1/2	1-31/32	11/16	8	3/4	7	1123
600	4	9	2-1/8	11/16	8	3/4	7-1/2	1275
650	5	10	2-5/16	3/4	8	7/8	8-1/2	1660
700	6	11	2-15/32	13/16	8	7/8	9-1/2	1980
750	8	13-1/2	2-11/16	15/16	8	7/8	11-3/4	3137
800	10	16	3	1	12	1	14-1/4	4550
820	12	19	3-3/16	1-1/16	12	1	17	6650