



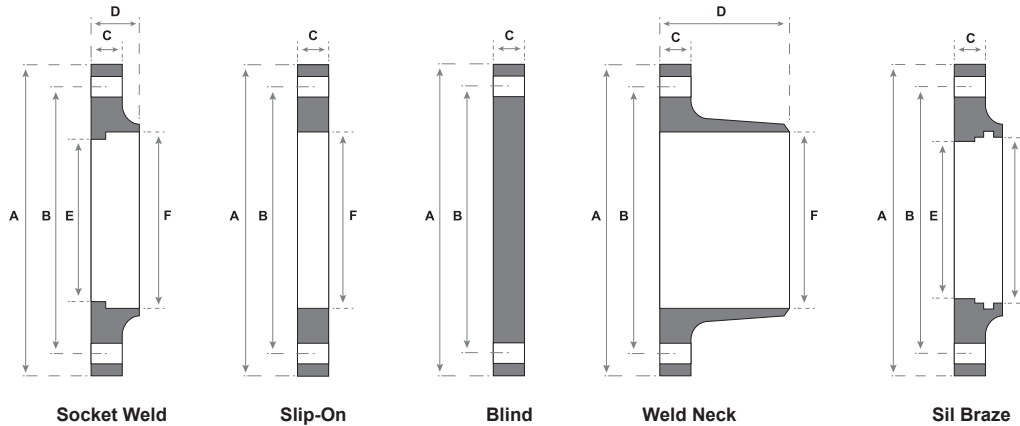
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FLANGE CHART

150# COMMERCIAL

Specification: ANSI B16.5
NAVSEA DWG 803-6983512

Fig 39-E (SW) / 38-E (SO) / 36-E (BL) / 35-E (WN)



SERVICE RATING TABLE	
FIGURE	Blind, Slip On, Socket Weld, Welding Neck
SIZE	1/2 to 12
WOG	150 PSI up to 425° F
STEAM	150 PSI up to 425° F

Flanges are available with either:
Raised Face (RF)
or Flat Face (FF)

150# ANSI B16.5 FLANGES											
SIZE	RBS P/N	A	C	B (Bolt Circle)	D (SW)	D (WN)	E (SW / SB)	F MIN / MAX (SW / SB / SO)	F (WN)	No of Holes	Drill Size
1/2"	FLCXYZ-100	3 1/2	5/16	2 3/8	0.56	1.81	0.71	0.88	0.84	4	5/8
3/4"	FLCXYZ-150	3 7/8	11/32	2 3/4	0.56	2.00	0.92	1.09	1.05	4	5/8
1"	FLCXYZ-200	4 1/4	3/8	3 1/8	0.62	2.12	1.18	1.36	1.32	4	5/8
1 1/4"	FLCXYZ-250	4 5/8	13/32	3 1/2	0.75	2.19	1.53	1.70	1.66	4	5/8
1 1/2"	FLCXYZ-300	5	7/16	3 7/8	0.81	2.38	1.77	1.95	1.90	4	5/8
2"	FLCXYZ-400	6	1/2	4 3/4	0.94	2.44	2.24	2.44	2.38	4	3/4
2 1/2"	FLCXYZ-450	7	9/16	5 1/2	1.06	2.69	2.71	2.94	2.88	4	3/4
3"	FLCXYZ-500	7 1/2	5/8	6	1.12	2.69	3.31	3.57	3.50	4	3/4
3 1/2"	FLCXYZ-550	8 1/2	11/16	7	1.19	2.75	3.81	4.07	4.00	8	3/4
4"	FLCXYZ-600	9	11/16	7 1/2	1.25	2.94	4.28	4.57	4.50	8	3/4
5"	FLCXYZ-700	10	3/4	8 1/2	1.38	3.44	5.32	5.66	5.56	8	7/8
6"	FLCXYZ-800	11	13/16	9 1/2	1.50	3.44	6.36	6.72	6.63	8	7/8
8"	FLCXYZ-900	13 1/2	15/16	11 3/4	1.69	3.94	8.33	8.72	8.63	8	7/8
10"	FLCXYZ-1000	16	1	14 1/4	1.88	3.94	10.38	10.88	10.75	12	1
12"	FLCXYZ-1100	19	1 1/16	17	2.12	4.44	12.25	12.88	12.75	12	1

Replace X with the following codes for Material:

Stainless Steel 304 - **304** Carbon Steel - **CS**
Stainless Steel 316 - **316** Aluminum - **A**
Stainless Steel 321 - **321** Cuni 70/30 - **7**
Stainless Steel 347 - **347** Cuni 90/10 - **9**

Replace Y with the following codes for Type:

Socket Weld - **SW** Weld Neck - **WN**
Slip On - **SO** Silver Brazed - **SB**
Blind - **BL** Butterfly - **B**

Replace Z with the following codes for Pressure:

150 900
300 1500
600

