

FLANGE CHART

250# NAVY

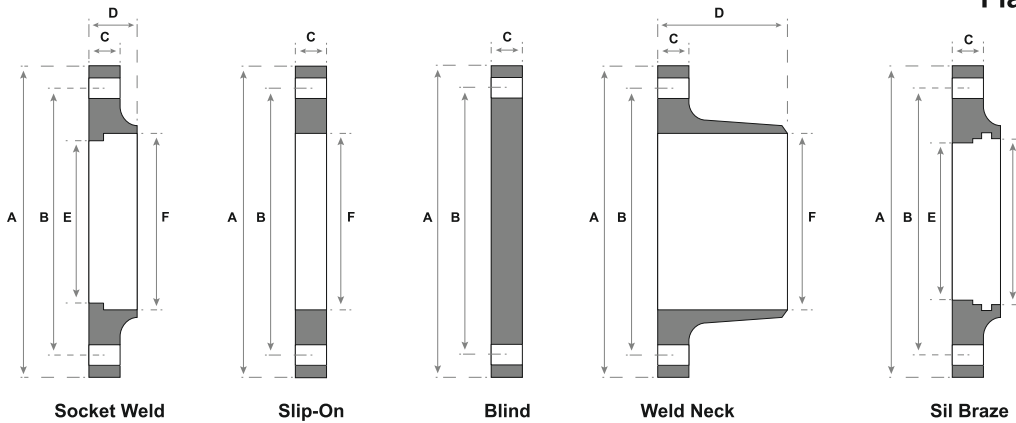
Specification: NAVSEA DWG 810-4715319

Fig 5C

NAVSEA DWG 803-6983512

Fig 24-D (SW) / 22-D (SO) / 21-D (BL) / 19-D (WN)

Flange Drilling: MIL-F-20042



SERVICE RATING TABLE		
FIGURE	Blind, Slip On, Socket Weld	Welding Neck
SIZE	1/4 to 12	2 to 24
WOG	250 PSI at 150° F	250 PSI at 150° F
STEAM	150 PSI at 425° F	150 PSI at 425° F

250# MIL-F-20042 FLANGES											
SIZE	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
1/4"	FLNXY250-040	3 1/4	11/16	2 1/8	7/8		0.396	0.545 / 0.575		3	9/16
3/8"	FLNXY250-060	3 3/8	11/16	2 1/8	7/8		0.531	0.690 / 0.710		3	9/16
1/2"	FLNXY250-100	3 9/16	11/16	2 7/16	13/16		0.710	0.845 / 0.875		3	9/16
3/4"	FLNXY250-150	3 13/16	11/16	2 11/16	13/16		0.920	1.055 / 1.085		4	9/16
1"	FLNXY250-200	4 1/4	3/4	3 1/8	15/16		1.185	1.320 / 1.350		4	9/16
1 1/4"	FLNXY250-250	4 1/2	13/16	3 3/8	1 1/16		1.516	1.665 / 1.695		4	9/16
1 1/2"	FLNXY250-300	5 1/16	13/16	3 15/16	1 3/16		1.756	1.905 / 1.935		6	9/16
2"	FLNXY250-400	5 9/16	13/16	4 7/16	1 5/16	2 5/8	2.240	2.380 / 2.426	2.115	6	11/16
2 1/2"	FLNXY250-450	6 1/8	15/16	5	1 7/16	2 13/16	2.710	2.880 / 2.931	2.615	6	11/16
3"	FLNXY250-500	6 5/8	15/16	5 1/2	1 7/16	2 3/4	3.310	3.505 / 3.560	3.220	8	11/16
3 1/2"	FLNXY250-550	7 3/16	1	6 1/16	1 1/2	2 7/8	3.810	4.005 / 4.060	3.720	8	11/16
4"	FLNXY250-600	7 11/16	1	6 9/16	1 5/8	3 1/16	4.280	4.505 / 4.565	4.220	8	11/16
5"	FLNXY250-700	9 1/16	1 1/16	7 13/16	1 13/16	3 5/8	5.320	5.568 / 5.628	5.283	10	11/16
6"	FLNXY250-800	10 1/8	1 3/16	8 7/8	2 1/16	3 7/8	6.360	6.630 / 6.690	6.251	12	11/16
8"	FLNXY250-900	12 3/8	1 5/16	11 1/16	2 5/16	4 3/8	8.330	8.630 / 8.690	8.251	14	11/16
10"	FLNXY250-1000	15	1 7/16	13 7/16	2 9/16	4 5/8	10.380	10.755 / 10.815	10.376	15	13/16
12"	FLNXY250-1100	17 5/8	1 1/2	16 1/16	2 3/4	5 1/8	12.250	12.755 / 12.815	12.250	18	13/16

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**

