



CUNIMET[®]
ALLOYS PVT. LTD.

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FLANGE CHART

150# NAVY

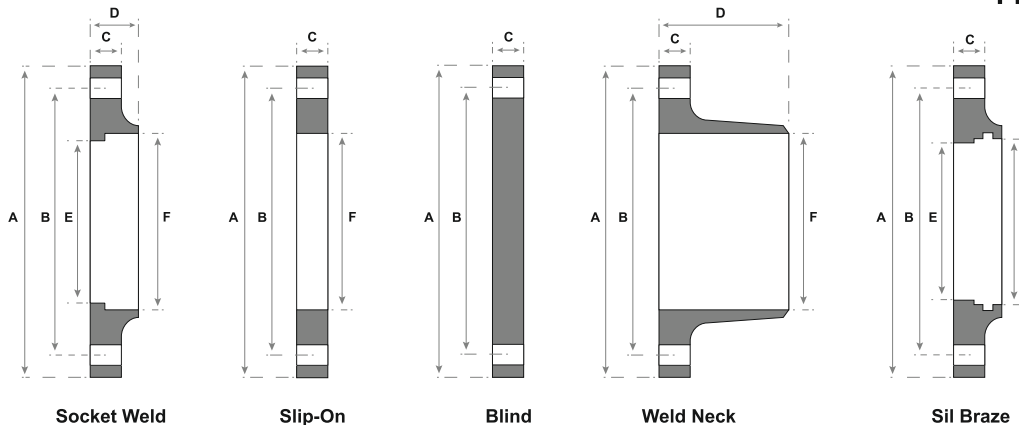
Specification: NAVSEA DWG 810-4715319

Fig 2A

NAVSEA DWG 803-6983512

Fig 16-D (SW) / 14-D (SO) / 13-D (BL) / 11-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 12
WOG	150 PSI at 150° F	150 PSI at 150° F
STEAM	100 PSI at 425° F	100 PSI at 425° F

150# 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"	FLNXY150-040	3 1/4	3/8	2 1/8	5/8		0.348	0.545 / 0.575		3	9/16
3/8"	FLNXY150-060	3 3/8	3/8	2 1/4	5/8		0.545	0.680 / 0.710		3	9/16
1/2"	FLNXY150-100	3 9/16	3/8	2 7/16	3/4		0.648	0.845 / 0.875		3	9/16
3/4"	FLNXY150-150	3 13/16	7/16	2 11/16	3/4		0.920	1.055 / 1.085		4	9/16
1"	FLNXY150-200	4 1/4	7/16	3 1/8	3/4		1.185	1.320 / 1.350		4	9/16
1 1/4"	FLNXY150-250	4 1/2	7/16	3 3/8	3/4		1.516	1.665 / 1.695		4	9/16
1 1/2"	FLNXY150-300	5 1/16	7/16	3 15/16	13/16		1.720	1.905 / 1.935		6	9/16
2"	FLNXY150-400	5 9/16	7/16	4 7/16	15/16	2 3/16	2.240	2.380 / 2.426	2.115	6	9/16
2 1/2"	FLNXY150-450	6 1/8	1/2	5	15/16	2 3/8	2.710	2.880 / 2.931	2.615	6	9/16
3"	FLNXY150-500	6 5/8	1/2	5 1/2	15/16	2 7/16	3.310	3.505 / 3.560	3.220	8	9/16
3 1/2"	FLNXY150-550	7 3/16	1/2	6 1/16	15/16	2 3/8	3.810	4.005 / 4.060	3.720	8	9/16
4"	FLNXY150-600	7 11/16	1/2	6 9/16	1 1/8	2 9/16	4.280	4.505 / 4.565	4.220	8	9/16
5"	FLNXY150-700	9 1/16	9/16	7 13/16	1 5/16	3 1/8	5.320	5.568 / 5.628	5.283	10	11/16
6"	FLNXY150-800	10 1/8	9/16	8 7/8	1 7/16	3 1/4	6.360	6.630 / 6.690	6.251	12	11/16
8"	FLNXY150-900	12 3/8	5/8	11 1/16	1 5/8	3 11/16	8.330	8.630 / 8.690	8.251	14	11/16
10"	FLNXY150-1000	15	11/16	13 7/16	1 13/16	3 7/8	10.380	10.755 / 10.815	10.376	15	13/16
12"	FLNXY150-1100	17 5/8	3/4	16 1/16	2	4 3/8	12.250	12.755 / 12.815	12.250	18	13/16

Replace X with the following codes for Material:

Stainless Steel 304 - **304**
Stainless Steel 316 - **316**
Stainless Steel 321 - **321**
Stainless Steel 347 - **347**

Carbon Steel - **CS**
Aluminum - **A**
Cuni 70/30 - **7**
Cuni 90/10 - **9**

Replace Y with the following codes for Type:

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



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