

- NOTE:
1. Design and Manufacture for valve according to API 600.
 2. Face-to-face dimensions for valve according to ASME B16.10-2009.
 3. End flange dimensions for valve according to ASME B16.5-2009.
 4. Inspection and Test for valve according to API 598-2009.

Nominal pressure	150LB		
	Shell test	Test pressure	Test medium
3.0	3.0	2.2	water
2.2	2.2	0.6	air
0.6	0.6		water, oil, gas
Applicable temperature	-20~797°F		

NPS	L	D	D1	D2	C	f	n-φb	Weight (lb)
1 1/2"	6.496	5.000	3.882	2.874	0.689	0.063	4-φ0.630	19.842
2"	7.008	5.984	4.744	3.622	0.748	0.063	4-φ0.748	36.817
2 1/2"	7.480	7.008	5.492	4.114	0.886	0.063	4-φ0.748	46.297
3"	7.992	7.480	6.004	5.000	0.945	0.063	4-φ0.748	63.052
4"	9.016	9.016	7.500	6.181	0.945	0.063	8-φ0.748	90.830
5"	10.000	10.000	8.504	7.303	1.024	0.063	8-φ0.866	114.640
6"	10.512	10.984	9.508	8.504	1.024	0.063	8-φ0.866	161.819
8"	11.496	13.504	11.752	10.630	1.142	0.063	8-φ0.866	257.941

NO.	DESCRIPTION	Q'TY	MATERIAL
1	BODY	1	A351 CF8M
2	SEAT RING	2	A351 CF8M
3	WEDGE	1	A351 CF8M
4	STEM	1	A182 F316
5	GASKET	1	SS316+Graphite
6	BONNET	1	A351 CF8M
7	STUD	-	A193 B8M
8	NUT	-	A194 8M
9	BACKSEAT	1	A351 CF8M
10	PACKING	1	Graphite
11	PIN	2	Stainless Steel
12	GLAND BOLT	2	A193 B8M
13	GLAND NUT	2	A194 8M
14	BUSHING	1	Stainless Steel
15	GLAND	1	A351 CF8M
16	STEM NUT	1	ZcuAl10Fe3 Bronze
17	LUBRICATOR	1	Cu
18	RETAINING NUT	1	CS+Cr
19	HANDWHEEL	1	A47
20	H. W. LOCK NUT	1	CS+Cr

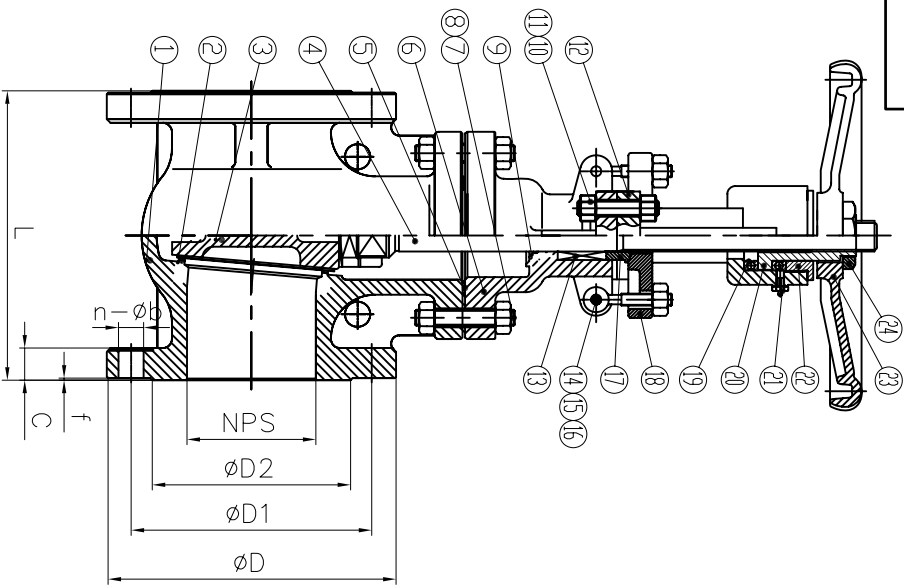
ANIX®

ANIX VALVE CO., LTD
Flange Gate Valve
150LB, CF8M

GA40W6F/150

MARK	BEFORE MODIFIED	AFTER MODIFIED	DATE
DRAW.		APP.	
CHK.		DATE	

SCALE



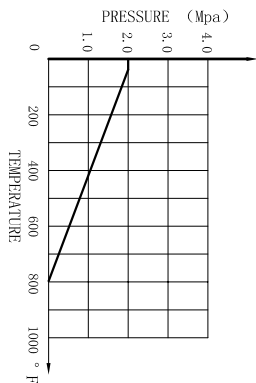
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 4. Inspection and Test for valve according to API 598-2009.

NPS	L	D	D1	D2	C	f	n-φb	Weight (lb)
10"	12,992	15,984	14,252	12,756	1,220	0.063	12-φ0.984	330.693
12"	14,016	19,016	17,008	15,000	1,260	0.063	12-φ0.984	619.499
14"	15,000	20,984	18,740	16,260	1,378	0.063	12-φ1.142	798.073

Nominal pressure

150LB

Test pressure	Shell test	3.0	test medium	water	Test temperature	normal temperature
	seal test	2.2		air		
Applicable medium	Gas seal test	0.6	test medium	water	Test temperature	normal temperature
	test			air		
Applicable temperature	water,oil,gas -20~797°F					



NO.	DESCRIPTION	Q'TY	MATERIAL
24	H. W. LOCK NUT	1	CS+Cr
23	HANDWHEEL	1	A47
22	RETAINING NUT	1	CS+Cr
21	LUBRICATOR	1	Cu
20	STEM NUT	1	ZcuA110Fe3 Bronze
19	BEARING	2	CS
18	GLAND	1	A351 CF8M
17	BUSHING	1	Stainless Steel
16	GLAND NUT	2	A194 8M
15	GLAND BOLT	2	A193 B8M
14	PIN	2	Stainless Steel
13	PACKING	1	Graphite
12	YOKE	1	A351 CF8M
11	NUT	-	A194 8M
10	STUD	-	A193 B8M
9	BACKSEAT	1	A351 CF8M
8	NUT	-	A194 8M
7	STUD	-	A193 B8M
6	BONNET	1	A351 CF8M
5	GASKET	1	SS316+Graphite
4	STEM	1	A182 F316
3	WEDGE	1	A351 CF8M
2	SEAT RING	2	A351 CF8M
1	BODY	1	A351 CF8M

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