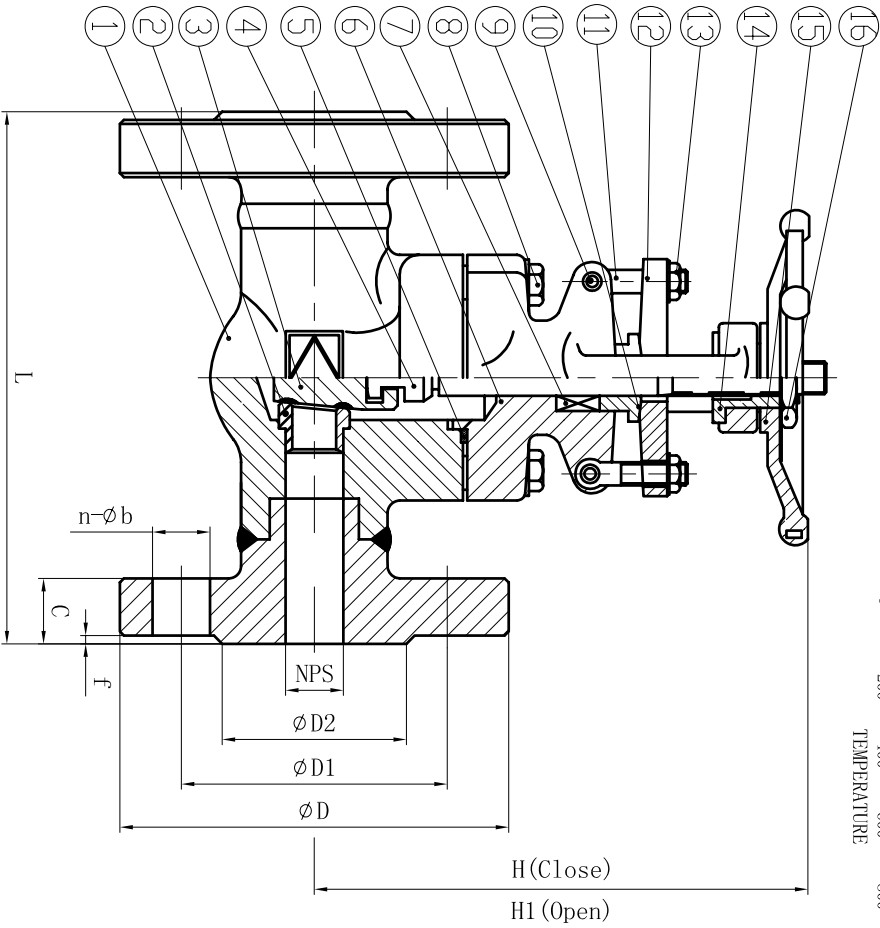


- NOTE:
1. Design and Manufacture for valve according to API 600.
  2. Face-to-face dimensions for valve according to ASME B16.10-2009.
  3. End flange dimensions for valve according to ASME B16.5-2009.
  4. Inspection and Test for valve according to API 598-2009.



NPS	L	D	D1	D2	C	F	n-φb	H	H1	Weight (lb)
½"	4.252	3.504	2.382	1.378	0.394	0.063	4-φ0.591	5.433	5.945	-
¾"	4.606	3.858	2.756	1.693	0.433	0.063	4-φ0.591	5.591	6.220	-
1"	5.000	4.252	3.130	2.008	0.472	0.063	4-φ0.591	6.693	7.480	-
1 ¼"	5.512	4.606	3.504	2.520	0.512	0.063	4-φ0.591	7.480	8.543	-

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

16	PREVAILING	1	35
15	HANDWHEEL	1	KTH330-08
14	STEM NUT	1	20
13	NUT	2	A194 8
12	GLAND FLANGE	1	F304
11	EYE BOLT	2	A193 B8
10	GLAND	1	316
9	PIN	2	304
8	BOLT	-	A193 B8
7	PACKING	-	Graphite
6	BONNET	1	F316
5	GASKET	1	SS316+Graphite
4	STEM	1	316
3	DISC	1	F316
2	SEAT RING	2	316
1	BODY	1	F316

NO.	DESCRIPTION	Q'TY	MATERIAL
1	BODY	1	F316
2	SEAT RING	2	316
3	DISC	1	F316
4	STEM	1	316
5	GASKET	1	SS316+Graphite
6	BONNET	1	F316
7	PACKING	-	Graphite
8	BOLT	-	A193 B8
9	PIN	2	304
10	GLAND	1	316
11	EYE BOLT	2	A193 B8
12	GLAND FLANGE	1	F304
13	NUT	2	A194 8
14	STEM NUT	1	20
15	HANDWHEEL	1	KTH330-08
16	PREVAILING	1	35

**ANIX**®

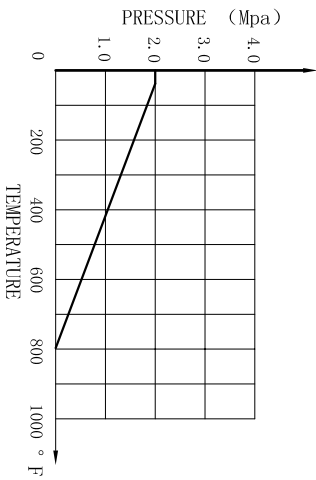
ANIX Valve USA

Flange Gate Valve  
150LB, F316

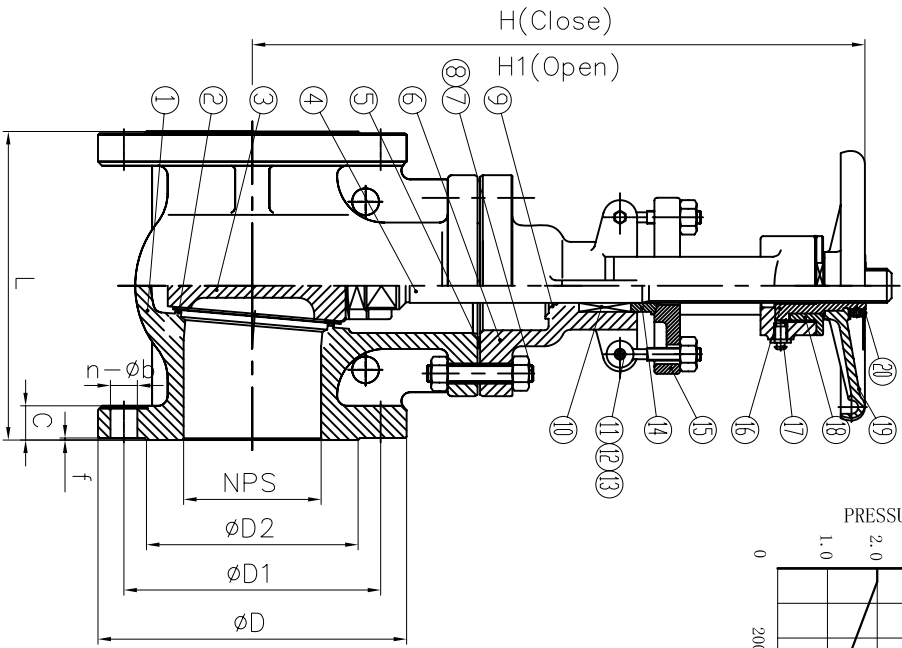
GA40W6F/150

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

SCALE	SCALE



- 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.



NPS	L	D	D1	D2	C	F	n-φb	H	H1	Weight (lb)
1 1/2"	6.496	5.000	3.882	2.874	0.689	0.063	4-φ0.630	13.386	15.354	19.842
2"	7.008	5.984	4.744	3.622	0.748	0.063	4-φ0.748	13.780	16.142	36.817
2 1/2"	7.480	7.008	5.492	4.114	0.886	0.063	4-φ0.748	14.370	17.323	46.297
3"	7.992	7.480	6.004	5.000	0.945	0.063	4-φ0.748	17.717	21.260	63.052
4"	9.016	9.016	7.500	6.181	0.945	0.063	8-φ0.748	19.488	23.819	90.830
5"	10.000	10.000	8.504	7.303	1.024	0.063	8-φ0.866	21.654	26.969	114.640
6"	10.512	10.984	9.508	8.504	1.024	0.063	8-φ0.866	24.016	30.315	161.819
8"	11.496	13.504	11.752	10.630	1.142	0.063	8-φ0.866	30.709	39.173	257.941

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

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

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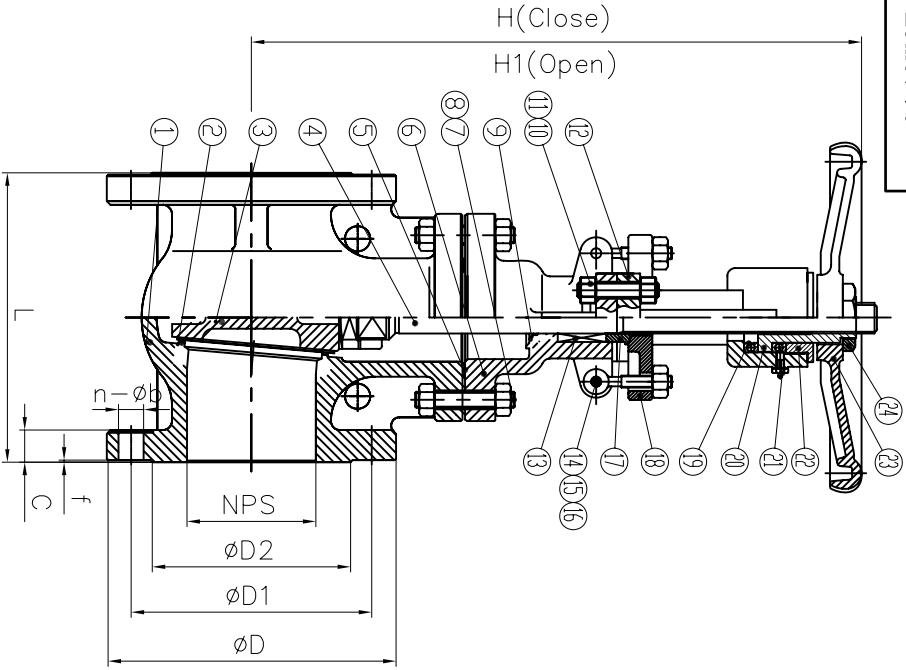
ANIX Valve USA

Flange Gate Valve  
150LB, CF8M

GA440W6F/150

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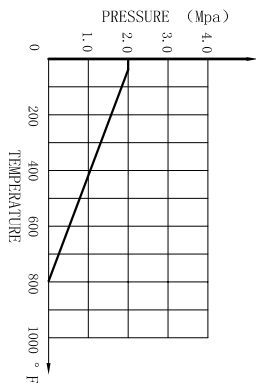


- NOTE:
1. Design and Manufacture for valve according to API 600.
  2. Face-to-face dimensions for valve according to ASME B16.10-2009.
  3. End flange dimensions for valve according to ASME B16.5-2009.
  4. Inspection and Test for valve according to API 598-2009.

NPS	L	D	D1	D2	C	f	n-φb	H	H1	Weight (lb)
10"	12.992	15.984	14.252	12.756	1.220	0.063	12-φ0.984	36.024	46.457	330.693
12"	14.016	19.016	17.008	15.000	1.260	0.063	12-φ0.984	41.142	53.543	619.499
14"	15.000	20.984	18.740	16.260	1.378	0.063	12-φ1.142	49.213	63.583	798.073

Nominal pressure 150LB

Test pressure	Shell test 3.0		test medium	water	Test temperature	normal temperature
	gas seal test 2.2	Mpa				
Applicable medium	Gas seal test 0.6			air		
				water, oil, gas		
Applicable temperature	-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	ZcuAl10Fe3 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	SEAL RING	2	A351 CF8M
1	BODY	1	A351 CF8M

MARK	BEFORE MODIFIED	AFTER MODIFIED	DATE	SCALE
DRW.		APP.		
CHK.		DATE		

<b>ANIX®</b>		ANIX Valve USA
Flange Gate Valve		150LB, CF8M
GA40W6F/150		