

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

Nominal pressure	300LB		
	Shell test	test medium	Test temperature
7.5	water	water	normal temperature
5.5	gas seal test	air	
0.6	gas seal test	air	
Applicable medium	water, oil, gas		
Applicable temperature	-20~797°F		

NPS	L	D	D1	D2	C	f	n-φb	Weight (lb)
1 1/2"	7.480	6.142	4.500	2.874	0.827	0.063	4-φ0.866	25.353
2"	8.504	6.496	5.000	3.622	0.906	0.063	8-φ0.748	35.935
2 1/2"	9.488	7.480	5.882	4.114	1.024	0.063	8-φ0.866	80.028
3"	11.142	8.268	6.622	5.000	1.142	0.063	8-φ0.866	105.822
4"	12.008	10.000	7.882	6.181	1.260	0.063	8-φ0.866	152.119
5"	15.000	10.984	9.252	7.303	1.378	0.063	8-φ0.866	238.761
6"	15.866	12.520	10.630	8.504	1.457	0.063	12-φ0.866	306.443
8"	16.496	15.000	12.992	10.630	1.654	0.063	12-φ0.984	476.198

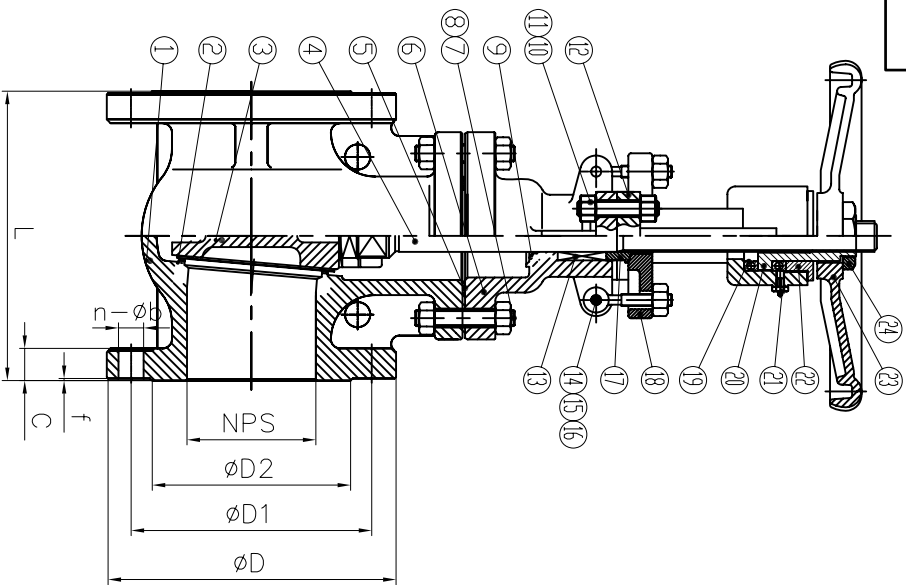
NO.	DESCRIPTION	QTY	MATERIAL
1	BODY	1	A216 WCB
2	SEAT RING	2	A216+STL
3	WEDGE	1	A216+13Cr
4	STEM	1	A182 F6a
5	GASKET	1	SS304+Graphite
6	BONNET	1	A216 WCB
7	STUD	-	A193 B7
8	NUT	-	A194 2H
9	BACKSEAT	1	A216+13Cr
10	PACKING	1	Graphite
11	PIN	2	SS304
12	GLAND BOLT	2	A193 B7
13	GLAND NUT	2	A194 2H
14	BUSHING	1	A182 F6a
15	GLAND	1	A216 WCB
16	STEM NUT	1	ZcuAl10Fe3 Bronze
17	LUBRICATOR	1	Cu
18	RETAINING NUT	1	CS
19	HANDWHEEL	1	A47
20	H. W. LOCK NUT	1	CS

ANIX®

ANIX VALVE CO., LTD
Flange Gate Valve
300LB, WCB
GA40H5F/300

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

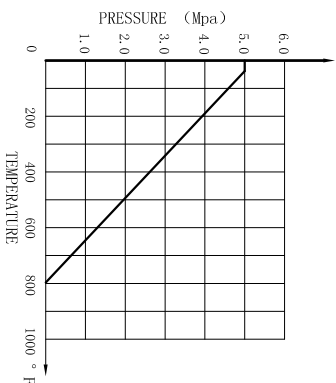
SCALE



- 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- ϕ b	Weight (lb)
10"	12,992	15,984	14,252	12,756	1,220	0.063	12- ϕ 0.984	392.423
12"	14,016	19,016	17,008	15,000	1,260	0.063	12- ϕ 0.984	632.727
14"	15,000	20,984	18,740	16,260	1,378	0.063	12- ϕ 1.142	-

Nominal pressure		300LB	
Shell test	7.5	water	Test temperature normal
Test pressure seal test	5.5	air	Test temperature
Gas seal test	0.6	water, oil, gas	
Applicable medium			
Applicable temperature			-20~797°F



NO.	DESCRIPTION	Q'TY	MATERIAL
24	H. W. LOCK NUT	1	CS
23	HANDWHEEL	1	A47
22	RETAINING NUT	1	CS
21	LUBRICATOR	1	Cu
20	STEM NUT	1	ZcuAl10Fe3 Bronze
19	BEARING	2	CS
18	GLAND	1	A216 WCB
17	BUSHING	1	A182 F6a
16	GLAND NUT	2	A194 2H
15	GLAND BOLT	2	A193 B7
14	PIN	2	SS304
13	PACKING	1	Graphite
12	YOKE	1	A216 WCB
11	NUT	-	A194 2H
10	STUD	-	A193 B7
9	BACKSEAT	1	A216+13Cr
8	NUT	-	A194 2H
7	STUD	-	A193 B7
6	BONNET	1	A216 WCB
5	GASKET	1	SS304+Graphite
4	STEM	1	A182 F6a
3	WEDGE	1	A216+13Cr
2	SEAT RING	2	A216+STL
1	BODY	1	A216 WCB

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