



Compliant standard

Design	Pressure-temperature ratings	Face to face	Flange connection dimensions	Inspection and test
API 603	ASME B 16.34	ASME B 16.10	ASME B 16.5	API 598

Test pressure

Test item	Shell test	High pressure sealing test	Back seat test	Low pressure sealing test
Medium	MPa	Water	MPa	Air
Nominal Pressure	3.1	-----	2.2	0.5~0.7
ANSI class 150				

SIZE	d	L	D	C	g	T	t	H(S)	H(O)	W	n-φ
2"	50	178	152	120.5	92	16.0	1.6	271	327	160	4-19
2 1/2"	65	190	178	139.5	105	18.0	1.6	325.5	397.5	200	4-19
3"	80	203	190	152.5	127	19.0	1.6	351.5	438	200	4-19
4"	100	229	229	190.5	157	24.0	1.6	407	516	224	8-19
5"	125	254	254	216.0	186	24.0	1.6	537	673	280	8-22
6"	150	267	279	241.5	216	26.0	1.6	566	727	280	8-22

20	Nut	2	A194-8M
19	Eyebolt	2	A193-B8M
18	Hinge pin	2	A276-316
17	Bonnet bolt	1 Set	A193-B8M
16	Nut	1 Set	A194-8M
15	Set Screw	1	A276-304
14	Hand wheel nut	1	A276-316
13	Name plate	1	A276-304
12	Hand wheel	1	A395-65-45-15
11	Washer	1	A395-65-45-15
10	Yoke nut	1	A439-D2
9	Grease spot	1	COPPER+NICKEL COATED
8	Gland Flange	1	A351-CF8M
7	Gland	1	A276-316
6	Packing	1 Set	GRAPHITE
5	Bonnet	1	A351-CF8M
4	Gasket	1	A276-316+GRAPHITE
3	Stem	1	A276-316
2	Disc	1	A351-CF8M
1	Body	1	A351-CF8M+STL
NO.	PART	Q'TY	MATERIAL

ISSUE	CHANGE	SIGN	DATE	Gate valve, ANSI class 150, Flanged end, size: 2"~6"	FS-GTF-50/150AD-000	
DRW			Scale			Weight
CHK			General Assembly			
APPR			Wuxi Fisheng Valve Industrial Co., Ltd.			