



Specification

- ANSI FLANGE RISING-STEM GATE VALVE

Material

No	Part	Material	
1	Round nut	1025	
2	Nameplates	Al	
3	Handwheel	KTH330	
4	Bearing gland	1025	
5	Bearing	GCr15	
6	Stem nut	QT400/Brass	
7	Stand	WCB	CF8/CF8M
8	Nut	2H	304
9	Stud	B7	304
10	Packing	Graphite	PTFE
11	Bonnet	WCB	CF8/CF8M
12	Stem	F6a	304/316
13	Nut	2H	304
14	Gasket	304+Graphite	PTFE
15	Stud	B7	304
16	Body	WCB	CF8/CF8M
17	Disc	WCB	CF8/CF8M
18	Oil Cup	CU	
19	Nut	2H	304
20	Washer	1020	304
21	Gland	WCB	CF8
22	Screw	B7	304

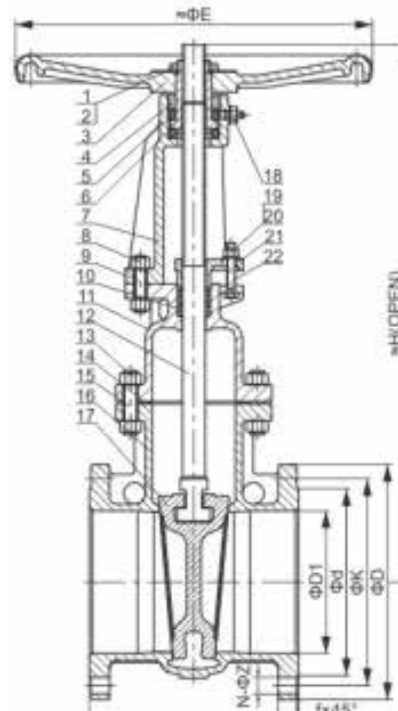
Applicable Standard

Design Rating	API 600, API 603, ASME B16.34
Face-to-Face	ASME B16.10
Flanged Ends	ASME B16.5
Inspection and Testing	API 598
Suitable Media	Water

Dimensions

Size inch (mm)	D1	D	K	D	F	C	N-ΦZ	L	E	H
1-1/2 (40)	40	73.0	98.4	125	2	14.7	4-16	165	180	315
2 (50)	50	92.1	120.7	150	2	16.3	4-19	178	200	360
2-1/2 (65)	65	104.8	139.7	180	2	17.9	4-19	190	220	425
3 (80)	80	127	152.4	190	2	19.5	4-19	203	240	460
4 (100)	100	157.2	190.5	230	2	24.3	8-19	229	260	550
5 (125)	125	185.7	215.9	255	2	24.3	8-22	254	300	660
6 (150)	150	215.9	241.3	280	2	25.9	8-22	267	320	755
8 (200)	200	269.9	298.5	345	2	29.0	8-22	292	350	970
10 (250)	250	323.8	362.0	405	2	30.6	12-25	330	400	1170
12 (300)	300	381.0	431.8	485	2	32.2	12-25	356	450	1410
14 (350)	350	412.8	476.3	535	2	35.4	12-29	381	500	1560
16 (400)	400	469.9	539.8	595	2	37.0	16-29	406	550	1765
18 (450)	450	533.4	577.9	635	2	40.1	16-32	432	600	1900
20 (500)	500	584.2	635	700	2	43.3	20-32	457	700	2100

Structure



Note:

1. Design and specifications are subject to change without prior notice.