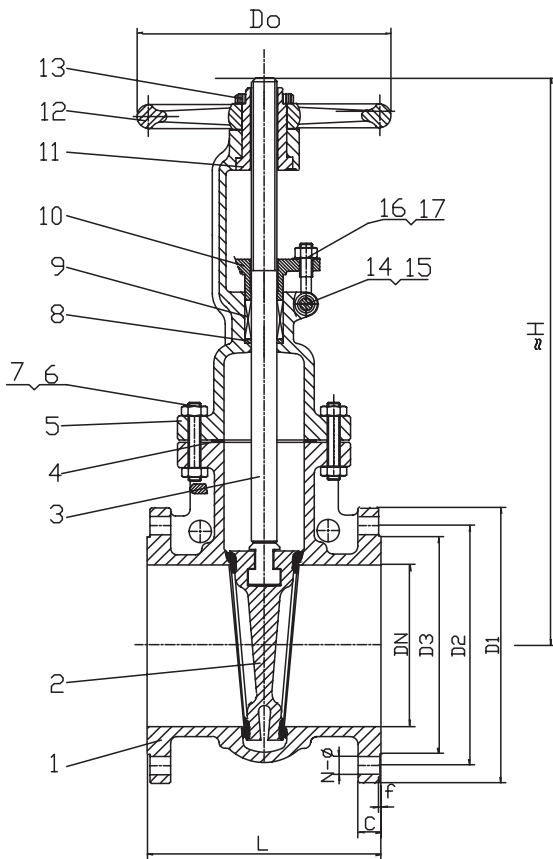


Size	2	2.5	3	4	5	6	8	10	12
D1	5.98	7.01	7.52	9.02	10	10.98	13.5	15.98	19.02
D2	4.75	5.49	6	7.5	8.5	9.5	11.75	14.25	17
D3	3.63	4.06	5	6.19	7.32	8.5	10.63	12.75	15
C	0.63	0.7	0.77	0.94	0.94	1	1.14	1.2	1.26
N-Ø	4-.71	4-.71	4-.71	8-.71	8-.71	8-.87	12-.87	12-1.02	12-1.02
f	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.16
L	7	7.5	8	9	10	10.5	11.5	13	14
H	16.14	19.29	21.65	24.8	29.84	33.86	41.34	49.21	59.06
Do	9.45	10.31	11.02	12.6	13.5	14.17	15.75	17.72	22.05

Face to Face	ANSI B16.10
Flange Dimension	ANSI B16.5
Test	API 598
Pressure Marking	ANSI B16.34
	MSS-SP-25



Components / Materials

1	Body	WCB+D507	9	Sealing	Graphite
2	Disc	WCB+D507	10	Cap	WCB
3	Stem	2Cr13	11	Stem-nuts	Copper Alloy
4	Washer	304SS	12	Handle	KTH330
5	Cap	WCB	13	Nuts	25#
6	Nuts	25#	14	Pin	2Cr13
7	Bolts	35#	15	Spindle	35#
8	Stuffing	Cr SS	16	Bolts	35#
			17	Nuts	25#

Size Weight/lb

2"	42
2.5"	64
3"	73
4"	104
5"	130
6"	168
8"	264
10"	418
12"	638

Testing

		API 598	
Shell	Hydro	450psi	
Seat	Air	80psi	
Back Seat	Hydro	315psi	

Pressure / Temperature Ratings

Temp °F	WCB	Temp °F	WCB
-20 to 100	285	700	110
200	260	750	95
300	230	800	80
400	200	850	65
500	170	900	50
600	140	950	35
650	125	1000	20

VALVE SIZE	FLANGE DRILLING	DIMENSIONAL DATA SHEET		PART NO.	
PRESSURE RATING		RISING STEM GATE VALVE SERIES 40 SIZES 2"-12"		DRAWING NO.	REV
CUSTOMER/PROJECT				FL40-001	A
INQ/PO NO.				DATE	
ORDER NO.				4/30/09	
CERTIFIED BY	DATE				