



NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL
10	Packing	Graphite	20	Lock nut	CS
9	Back seat	ASTM A351 CF8	19	Handwheel	K1330-8
8	Bonnet	ASTM A351 CF8	18	Gland nut	CS
7	Stud	ASTM A193 B8	17	Stem nut	Copper Alloy
6	Nut	ASTM A194 8	16	Oil filler	Copper Alloy
5	Gasket	SS304+Graphite	15	Pin	S.S
4	Stem	ASTM A182 F304	14	Eye stud	ASTM A193 B8
3	Seat	ASTM A351 CF8	13	Eye nut	ASTM A194 8
2	Wedge	ASTM A351 CF8	12	Gland flange	ASTM A351 CF8
1	Body	ASTM A351 CF8	11	Gland	ASTM A182 F304

NPS	L	D	D1	D2	B	H	W	Z-φ
2"	216	165	127	92	22.7	345	200	8-φ19
3"	282	210	168.3	127	29	458	250	8-φ22
4"	305	255	200	157	32.2	510	280	8-φ22
6"	403	320	269.9	216	37	651	350	12-φ22
8"	419	380	330.2	270	41.7	816	400	12-φ25.4
10"	457	445	387.4	324	48.1	967	450	16-φ28.5
12"	502	520	450.8	381	51.3	1200	460	16-φ32
14"	762	585	514.4	413	54.4	1290	460	20-φ32
16"	838	650	571.5	470	57.6	1465	460	20-φ35
18"	914	710	628.6	533	60.8	1619	530	24-φ35
20"	991	775	685.8	584	64	1780	530	24-φ35
24"	1143	915	812.8	692	70.3	2195	600	24-φ41

UNIT:mm

TEST PRESSURE

API 598	Shell	Seat
Hydrotest	7.7	5.7
Air		0.6

DESIGN & MFT	API 600	ENDS CONNECTION	R.F
PRE-TEMP.RATING	ASME B 16.34	INSPECT & TEST	API 598
F-F DIMENSION	ANSI B 16.10	FLANGED DIMENSION	ANSI B 16.5
MARKING	MSS-SP-25	FIRE SAFE DESIGN	—
PAINING	TAB	SPE.REQUIREMENTS	N.A



REVISION	BY	DATE	Draw No.	Rev
REVISION	BY	DATE	Z(5)40Y-300LB	0
REVISION	BY	DATE		

SALES DRAWING  
ANSI 300 Trim No.:1  
GATE VALVE

DATE