



NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL
10	Packing	Graphite	20	Lock nut	C.S
9	Back seat	ASTM A82 F6	19	Handwheel	K1330-8
8	Bonnet	ASTM A216 WCB	18	Gland nut	C.S
7	Stud	ASTM A193 B7	17	Stem nut	Copper Alloy
6	Nut	ASTM A194 2H	16	Oil filler	Copper Alloy
5	Gasket	SS304+Graphite	15	Pin	C.S
4	Stem	ASTM A182 F86	14	Eye stud	ASTM A193 B7
3	Seat	ASTM A105+15C	13	Eye nut	ASTM A194 2H
2	Wedge	ASTM A216 WCB+13C-12	12	Gland flange	ASTM A216 WCB
1	Body	ASTM A216 WCB	11	Gland	ASTM A182 F6

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

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	—
PAINTING	TAB	SPE REQUIREMENTS	N.A

TEST PRESSURE MPa

API 598	Shell	Seat
Hydrotest	7.7	5.7
Air		0.6

**mapol**

REVISION	BY	DATE	Dwg NO.	Rev
REVISION	BY	DATE	Z(5)40Y-3001B	0
REVISION	BY	DATE		
REVISION	BY	DATE		

SALES DRAWING  
ANSI 300 Trim No.:1  
GATE VALVE

Dr by Date  
G.Y. Date  
S.Y. Date  
K.P. by Date  
S.Y. Date