



NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL
10	Packing	Graphite	20	Lock nut	C.S
9	Back seat	ASTM A182 F6	19	Handwheel	K1330-8
8	Stud	ASTM A193 B7	18	Gland nut	C.S
7	Nut	ASTM A194 2H	17	Stem nut	Copper Alloy
6	Bonnet	ASTM A216 WCB	16	Oil filler	Copper Alloy
5	Gasket	SS304+Graphite	15	Pin	C.S
4	Stem	ASTM A182 F60	14	Eye stud	ASTM A193 B7
3	Seat	ASTM A105+13C	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	D3	B	E	H	W	Z-φ
2"	295	165	127	108	82.55	25.4	8	341	250	8-φ19
3"	359	210	168.3	146	123.825	31.8	8	452	300	8-φ22
4"	435	275	215.9	175	149.225	38.1	8	483	350	8-φ25.4
6"	562	355	292.1	241	211.125	47.7	8	673	450	12-φ28.5
8"	663	420	349.2	302	269.875	55.6	8	853	500	12-φ32
8"	663	420	349.2	302	269.875	55.6	8	942	460	12-φ32
10"	790	510	431.8	356	323.85	63.5	8	1065	460	16-φ35
12"	841	560	489	413	381	66.7	8	1251	530	20-φ35
14"	892	605	527	457	419.1	69.9	8	1335	530	20-φ38
16"	994	685	603.2	508	469.9	76.2	8	1515	530	20-φ41
18"	1095	745	654	578	533.4	82.6	8	1780	600	20-φ44
20"	1200	815	723.9	635	584.2	88.9	9.5	1923	600	24-φ44
24"	1407	940	838.2	749	692.15	101.6	11	2177	600	24-φ51

UNIT:mm

GO

DESIGN & MFT	API 600	ENDS CONNECTION	RTJ
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	16.5	12.1
Air		0.6



SALES DRAWING
ANSI 600
GATE VALVE

REVISION	BY	DATE	Dwg NO.	Rev
			Z(5)40H-6001B	0