



10	Packing	Graphite	20	Lock nut	CS
9	Back seat	ASTM A182 F6	19	Handwheel	K1330-8
8	Stud	ASTM A193 B7	18	Gland nut	CS
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	CS
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

UNIT:mm

NPS	L	D	D1	D2	B	H	W	Z-φ
2"	292	165	127	92	25.4	341	250	8-φ19
3"	356	210	168.3	127	31.8	452	300	8-φ22
4"	432	275	215.9	157	38.1	483	350	8-φ25.4
6"	559	355	292.1	216	47.7	673	450	12-φ28.5
8"	660	420	349.2	270	55.6	853	500	12-φ32
8"	660	420	349.2	270	55.6	942	460	12-φ32
10"	787	510	431.8	324	63.5	1065	460	16-φ35
12"	838	560	489	381	66.7	1251	530	20-φ35
14"	889	605	527	413	69.9	1335	530	20-φ38
16"	991	685	603.2	470	76.2	1515	530	20-φ41
18"	1092	745	654	533	82.6	1780	600	20-φ44
20"	1194	815	723.9	584	88.9	1923	600	24-φ44
24"	1397	940	838.2	692	101.6	2177	600	24-φ51

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	16.5	12.1
Air		0.6



Dr by	Date
G.Y.	Date
Dnk by	Date
S.Y.	Date
Apr by	Date
S.Y.	Date

SALES DRAWING
ANSI 600
GATE VALVE

REVISION	BY	DATE	Rev
REVISION	BY	DATE	0

DESIGN NO. Z(5)40H-600LB