



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	Stud	ASTM A193 B16	18	Gland nut	CS
7	Nut	ASTM A194 4	17	Stem nut	Copper Alloy
6	Bonnet	ASTM A351 CF8	16	Oil filler	Copper Alloy
5	Gasket	SS304+Graphite	15	Pin	S.S
4	Stem	ASTM A182 F304	14	Eye stud	ASTM A193 B16
3	Seat	STL	13	Eye nut	ASTM A194 4
2	Wedge	ASTM A351 CF8+STL	12	Gland flange	ASTM A351 CF8
1	Body	ASTM A351 CF8	11	Gland	ASTM A182 F304

UNIT:mm

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

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	Seal
Hydrotest	16.5	12.1
Air		0.6



SALES DRAWING		ANSI 600 GATE VALVE	
Dr by	date	Dr by	date
C.Y.		C.Y.	
chk by	date	chk by	date
S.Y.		S.Y.	
Appr by	date	Appr by	date
C.Y.		C.Y.	
DESIGN NO.	Z(5)40H-600LB	Rev	0

REVISION	BY	DATE