



NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL
10	Packing	Graphite	20	Lock nut	C.S
9	Stud	ASTM A193 B8	19	Handwired	K1330-8
8	Nut	ASTM A194 8	18	Gland nut	C.S
7	Back seat	ASTM A351 CF8	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 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"	178	150	120.7	92	16.3	333	200	4-φ19
3"	203	190	152.4	127	19.5	400	220	4-φ19
4"	229	230	190.5	157	24.3	483	250	8-φ19
6"	267	280	241.3	216	25.9	581	300	8-φ22
8"	292	345	298.5	270	29	729	350	8-φ22
10"	330	405	362	324	30.6	905	400	12-φ25.4
12"	356	485	431.8	381	32.2	1060	450	12-φ25.4
14"	381	535	476.3	413	35.4	1253	460	12-φ28.5
16"	406	595	539.8	470	37	1390	460	16-φ28.5
20"	457	700	635	584	43.3	1660	460	20-φ32
24"	508	815	749.3	692	48.1	2006	530	20-φ35

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	3.0
Hydrotest	Seat	2.2
Air		0.6



SALES DRAWING		ANSI 150		GATE VALVE	
Dr by	Date	Dr by	Date	Dr by	Date
C.Y.		C.Y.		C.Y.	
Rev by	Date	Rev by	Date	Rev by	Date
C.Y.		C.Y.		C.Y.	
DESIGN NO.	Z(5)40W-150LB	REV	0		