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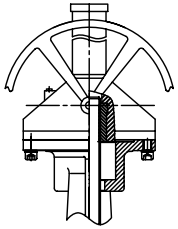
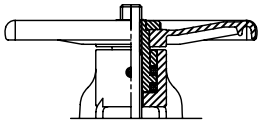
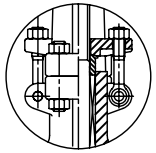


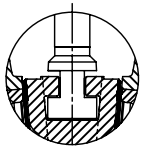
NPS≥10"

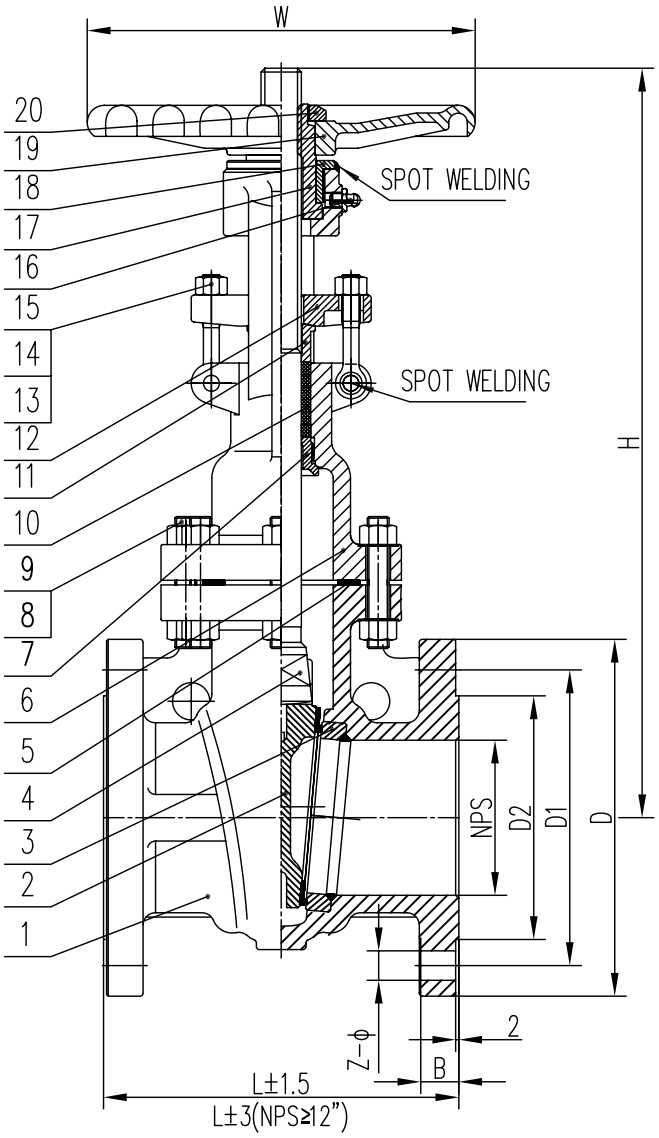


NPS≥10"



NPS≥5"





NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL
10	Packing	Graphite	20	Lock nut	C.S
9	Stud	ASTM A193 B7	19	Handwheel	KT330-8
8	Nut	ASTM A194 2H	18	Gland nut	C.S
7	Back seat	ASTM A182	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	14	Eye stud	ASTM A193 B7
3	Seat	ASTM A105+13Cr	13	Eye nut	ASTM A194 2H
2	Wedge	ASTM A216 WCB+13Cr	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"	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	Seat
Hydrotest	3.0	2.2
Air		0.6

REVISION	BY	DATE
REVISION	BY	DATE

mapol

SALES DRAWING
ANSI 150
GATE VALVE

Dr by G.Y. Date
Ch'k by G.Y. Date
Apr by G.Y. Date

Dwg NO. Z(5)40Y-150LB

Rev 0