

11	Gland	ASTM A182 F6			
10	Packing	Graphite			
9	Bonnet	ASTM A216 WCB	20	Nut	ASTM A194 2H
8	Back Seat	ASTM A182 F6	19	Plain washer	C.S
7	Stud	ASTM A193 B7	18	Handwheel	K1330-8
6	Nut	ASTM A194 2H	17	Loading screw	ASTM A193 B7
5	Gasket	SS304+Graphite	16	Stem nut	Copper Alloy
4	Stem	ASTM A182 F6a	15	Pin	C.S
3	Disc cover	C.S	14	Eye stud	ASTM A193 B7
2	Disc	ASTM A105+13Cr	13	Eye nut	ASTM A194 2H
1	Body	ASTM A216 WCB+13Cr	12	Gland flange	ASTM A216 WCB
NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL

NPS	L	D	D1	D2	B	H	W	Z-φ
2"	267	165	127	92	22.7	330	200	8-φ19
3"	318	210	168.3	127	29	410	280	8-φ22
4"	356	255	200	157	32.2	466	300	8-φ22
6"	445	320	259.9	216	37	570	400	12-φ22

UNIT:mm

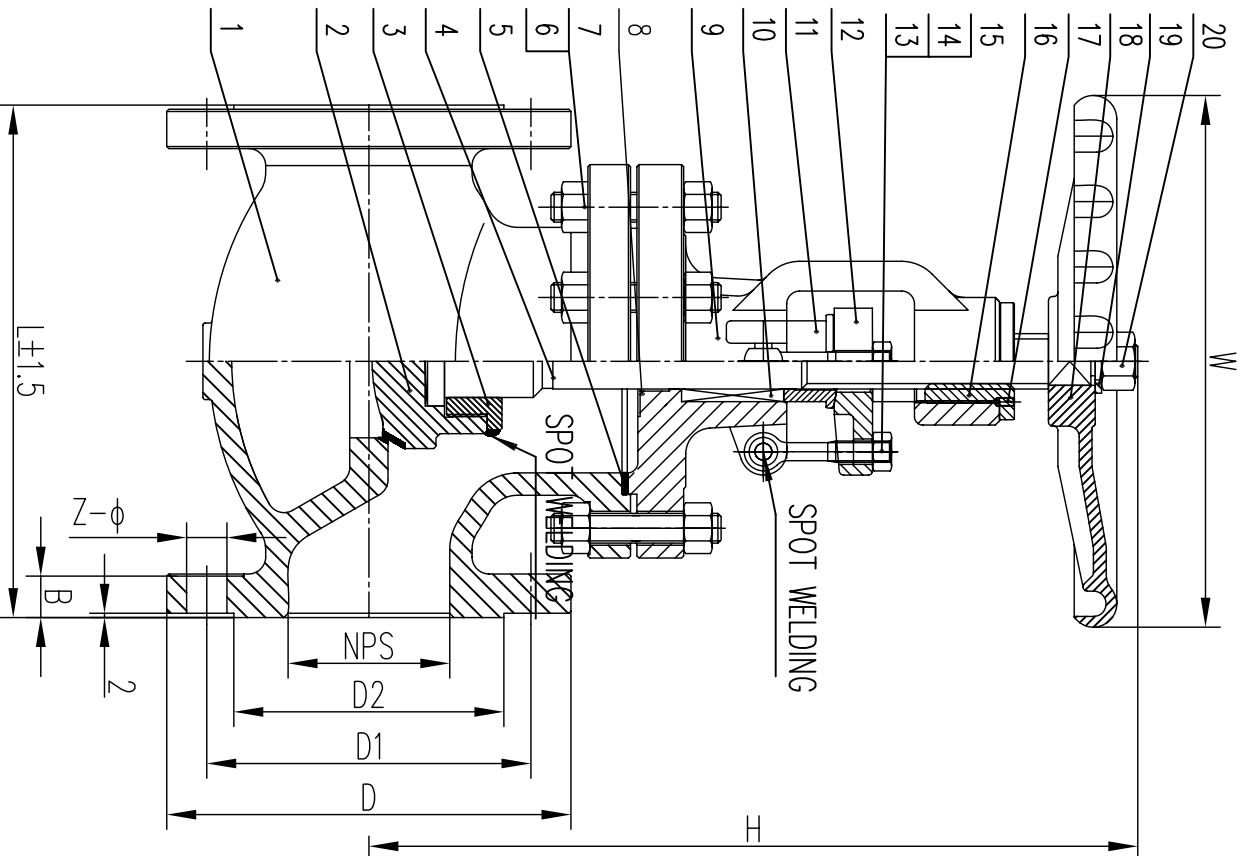
DESIGN & MFT	BS1873	ENDS CONNECTION	R.F
PRE-TEMP.RATING	ASME B 16.34	INSPECT & TEST	API 598
F-F DIMENSION	ANSI B 16.10	FLANGED DIMENSION	ANSI B 16.5
MARKING	MSS-SP-25	FIRE SAFE DESIGN	—
PAINTING	TAB	SPE.REQUIREMENTS	N.A

TEST PRESSURE		MPa
API 598	Shell	Seat
Hydrotest	7.7	5.7
Air		0.6



SALES DRAWING
ANSI 300
GLOBE VALVE

REVISION	BY	DATE	Dwg No.	J41H-300LB	0
REVISION	BY	DATE			



11	Gland	ASTM A182 F304			
10	Packing	Graphite			
9	Bonnet	ASTM A351 CF8	20 Nut		ASTM A194 2H
8	Back Seat	ASTM A351 CF8	19 Plain washer		C/S
7	Stud	ASTM A193 B8	18 Handwheel		KT330-8
6	Nut	ASTM A194 8	17 Locating screw		ASTM A193 B7
5	Gasket	SS304+Graphite	16 Stem nut		Copper Alloy
4	Stem	ASTM A182 F304	15 Pin		S/S
3	Disc cover	ASTM A182 F304	14 Eye stud		ASTM A193 B8
2	Disc	ASTM A182 F304	13 Eye nut		ASTM A194 8
1	Body	ASTM A351 CF8	12 Gland flange		ASTM A351 CF8
NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL

UNIT:mm

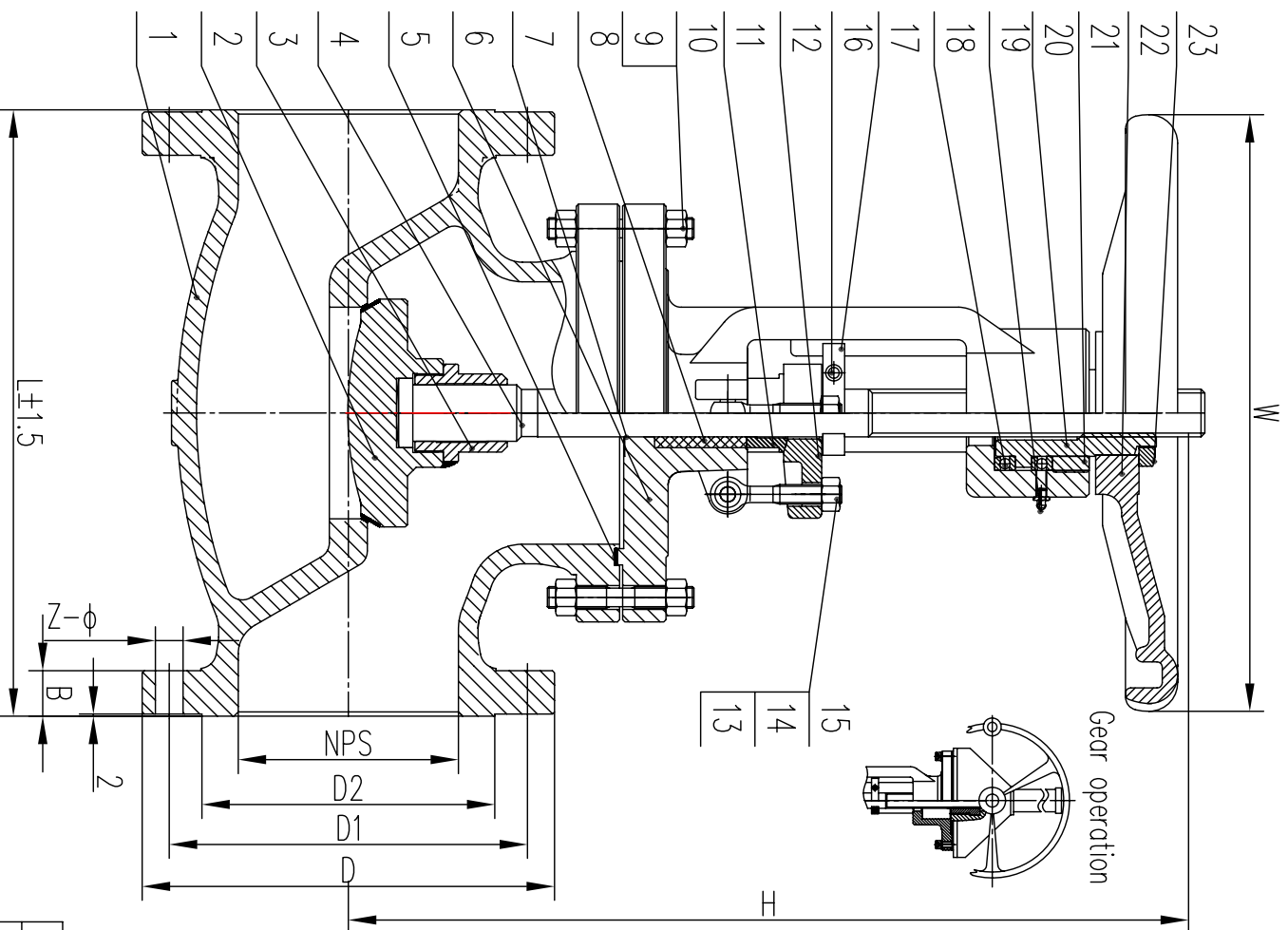
NPS	L	D	D1	D2	B	H	W	Z-φ
2"	267	165	127	92	22.7	330	200	8-φ19
3"	318	210	168.3	127	29	410	280	8-φ22
4"	356	255	200	157	32.2	466	300	8-φ22
6"	445	320	269.9	216	37	570	400	12-φ22

DESIGN & MFT	BS1873	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	mapol	SALES DRAWING ANSI 300 GLOBE VALVE
Hydrotest	7.7	5.7		
Air		0.6		

REVISION	BY	DATE	Dwg No.	J41W-300LB	0
REVISION	BY	DATE			



12	Gland flange	ASTM A216 WCB							
11	Gland	ASTM A182 F6	23	Lock nut				C.S	
10	Stud	ASTM A193 B7	22	Handwheel				K1330-8	
9	Nut	ASTM A194 2H	21	Gland nut				C.S	
8	Packing	Graphite	20	Stem nut				Copper Alloy	
7	Back Seat	13Cr	19	Oil filler				Copper Alloy	
6	Bonnet	ASTM A216 WCB	18	Thrust bearing				Bearing alloy	
5	Gasket	SS304+Graphite	17	Stem guide collar				C.S	
4	Stem	ASTM A182 F6a	16	Socket head cap screw				ASTM A193 B7	
3	Disc cover	C.S	15	Pin				C.S	
2	Disc	ASTM A105+13Cr	14	Eye stud				ASTM A193 B7	
1	Body	ASTM A216 WCB+13Cr-13	13	Eye nut				ASTM A194 2H	

G0

NPS	L	D	D1	D2	B	W	H	Z-φ
8"	559	380	330.2	270	41.7	550	791	12-φ25.4
10"	622	445	387.4	324	48.1	460	791	12-φ25.4
12"	711	520	450.8	381	51.3	530	925	12-φ25.4

UNIT:mm

DESIGN & MFT	BS1873	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

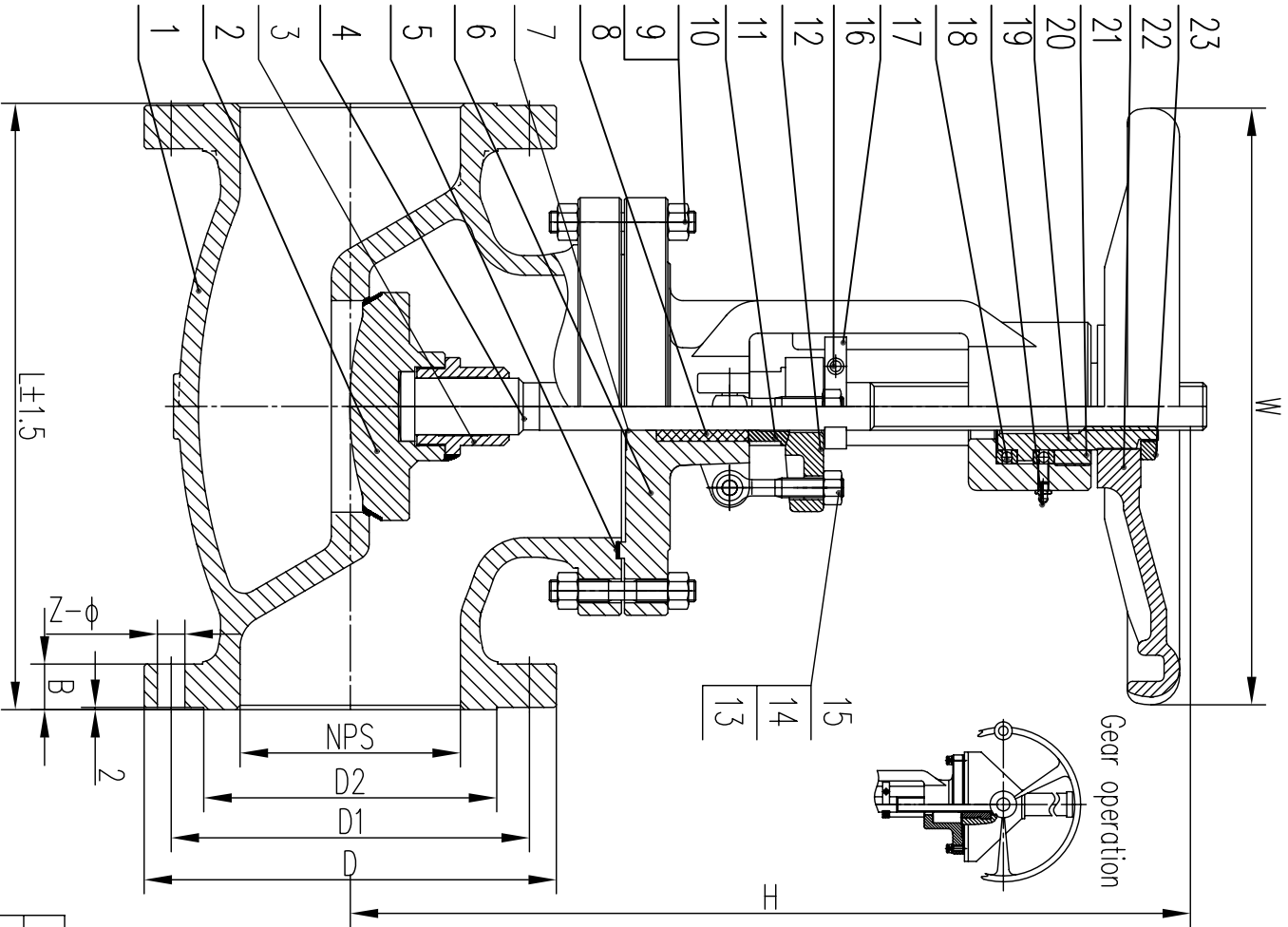
TEST PRESSURE MPa

API 598	Shell	Seat
Hydrotest	7.7	5.7
Air		0.6

mapol

SALES DRAWING
ANSI 300
GLOBE VALVE

REVISION	BY	DATE	Dwg No.	(5)41H-300LB	0
REVISION	BY	DATE			
REVISION	BY	DATE			



12	Gland flange	ASTM A351 CF8							
11	Gland	ASTM A182 F304	23	Lock nut				C.S	
10	Stud	ASTM A193 B8	22	Handwheel				KT330-8	
9	Nut	ASTM A194 8	21	Gland nut				C.S	
8	Packing	Graphite	20	Stem nut				Copper Alloy	
7	Back Seat	ASTM A351 CF8	19	Oil filler				Copper Alloy	
6	Bonnet	ASTM A351 CF8	18	Thrust bearing				Bearing alloy	
5	Gasket	SS304+Graphite	17	Stem guide collar				C.S	
4	Disc cover	ASTM A182 F304	16	Socket head cap screw				ASTM A193 B7	
3	Disc cover	ASTM A182 F304	15	Pin				S.S	
2	Disc	ASTM A182 F304+STL	14	Eye stud				ASTM A193 B8	
1	Body	ASTM A351 CF8+STL	13	Eye nut				ASTM A194 8	

UNIT:mm

NPS	L	D	D1	D2	B	W	H	Z-φ
8"	559	380	330.2	270	41.7	550	791	12-φ25.4
10"	622	445	387.4	324	48.1	460	791	12-φ25.4
12"	711	520	450.8	381	51.3	530	925	12-φ25.4

DESIGN & MFT	BS1873	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	7.7	5.7
Air		0.6

mapiol

SALES DRAWING
ANSI 300
GLOBE VALVE

REVISION	BY	DATE	Dwg No.	J(5)41-300LB	0
REVISION	BY	DATE			
REVISION	BY	DATE			