


11	Gland flange	ASTM A216 WCB			
10	Gland	ASTM A182 F6			
9	Stud	ASTM A193 B7	20	Nut	ASTM A194 2H
8	Nut	ASTM A194 2H	19	Plain washer	C.S
7	Packing	Graphite	18	Handwheel	KT330-8
6	Back Seat	ASTM A182 F6	17	Locating screw	ASTM A193 B7
5	Gasket	SS304+Graphite	16	Stem nut	Copper Alloy
4	Stem	ASTM A182 F6a	15	Bonnet	ASTM A216 WCB
3	Disc cover	C.S	14	Pin	C.S
2	Disc	ASTM A105+STL	13	Eye stud	ASTM A193 B7
1	Body	ASTM A216 WCB+STL	12	Eye nut	ASTM A194 2H

NPS	L	D	D1	D2	B	H	W	Z-φ
2"	292	165	127	92	25.4	386	250	8-φ19
3"	356	210	168.3	127	31.8	430	300	8-φ22
4"	432	275	215.9	157	38.1	520	400	8-φ25.4

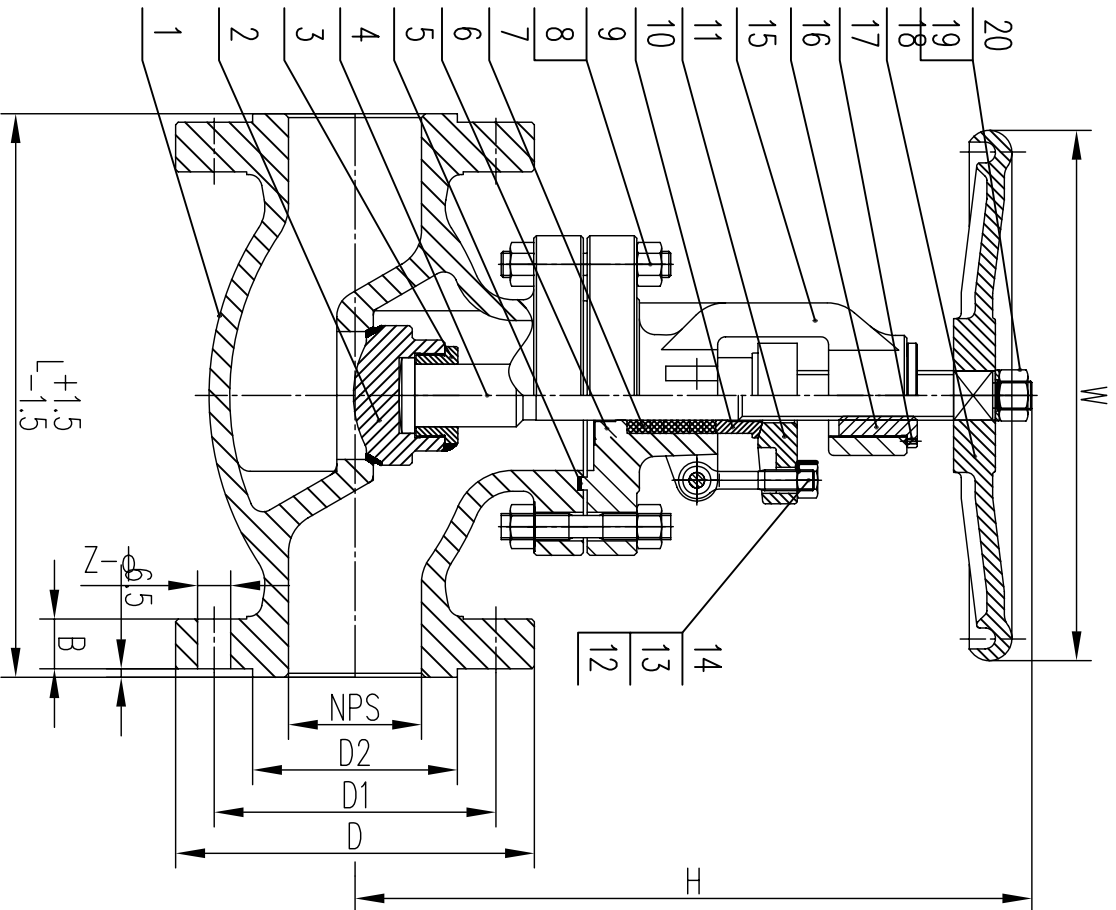
UNIT: mm

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

TEST PRESSURE	Shell	Seat	SALES DRAWING	
API 598	16.5	12.1	 ANSI 600 GLOBE VALVE	
Hydrotest				
Air		0.6		

REVISION	BY	DATE	Dwg No. J41Y-600LB	0
REVISION	BY	DATE		
REVISION	BY	DATE		



NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL
11	Gland flange	ASTM A351 CF8			
10	Gland	ASTM A182 F304			
9	Stud	ASTM A193 B16	20	Nut	ASTM A194 2H
8	Nut	ASTM A194 4	19	Pin/washer	C.S
7	Packing	Graphite	18	Handwheel	K1330-8
6	Back Seat	ASTM A351 CF8	17	Loading screw	ASTM A193 B7
5	Gasket	SS304+Graphite	16	Stem nut	Copper Alloy
4	Stem	ASTM A182 F304	15	Bonnet	ASTM A351 CF8
3	Disc cover	ASTM A182 F304	14	Pin	S.S
2	Disc	ASTM A182 F304+STL	13	Eye stud	ASTM A193 B16
1	Body	ASTM A351 CF8+STL	12	Eye nut	ASTM A194 4

NPS	L	D	D1	D2	B	H	W	Z-φ
2"	292	165	127	92	25.4	386	250	8-φ19
3"	356	210	168.3	127	31.8	430	300	8-φ22
4"	432	275	215.9	157	38.1	520	400	8-φ25.4

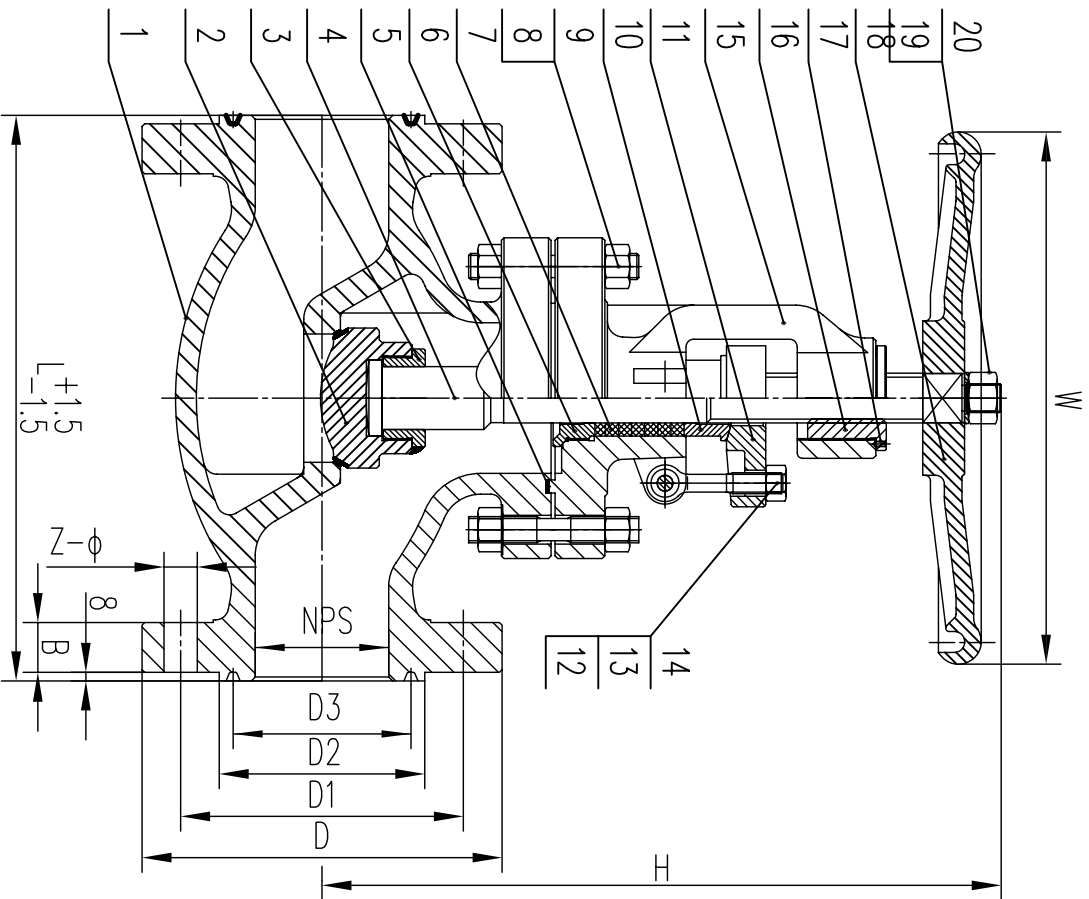
UNIT: mm

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	Seal
Hydrotest	16.5	12.1
Air		0.6



SALES DRAWING		ANSI 600		GLOBE VALVE	
REVISION	BY	DATE	Dwg No.	J41Y-600LB	0
REVISION	BY	DATE			
REVISION	BY	DATE			



11	Gland flange	ASTM A216 WCB				
10	Gland	ASTM A182 F6				
9	Stud	ASTM A193 B7	20	Nut		ASTM A194 2H
8	Nut	ASTM A194 2H	19	Plain washer		C:S
7	Packing	Graphite	18	Handwheel		KT330-8
6	Back Seat	ASTM A182 F6	17	Loading screw		ASTM A193 B7
5	Gasket	SS304+Graphite	16	Stem nut		Copper Alloy
4	Stem	ASTM A182 F6a	15	Bonnet		ASTM A216 WCB
3	Disc cover	C:S	14	Pin		C:S
2	Disc	ASTM A105+STL	13	Eye stud		ASTM A193 B7
1	Body	ASTM A216 WCB+STL	12	Eye nut		ASTM A194 2H
NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL	

NPS	L	D	D1	D2	D3	B	H	W	Z-φ
2"	295	165	127	108	82.55	25.4	366	250	8-φ19
3"	359	210	168.3	146	123.825	31.8	430	300	8-φ22
4"	435	275	215.9	175	149.225	38.1	520	400	8-φ25.4

UNIT:mm

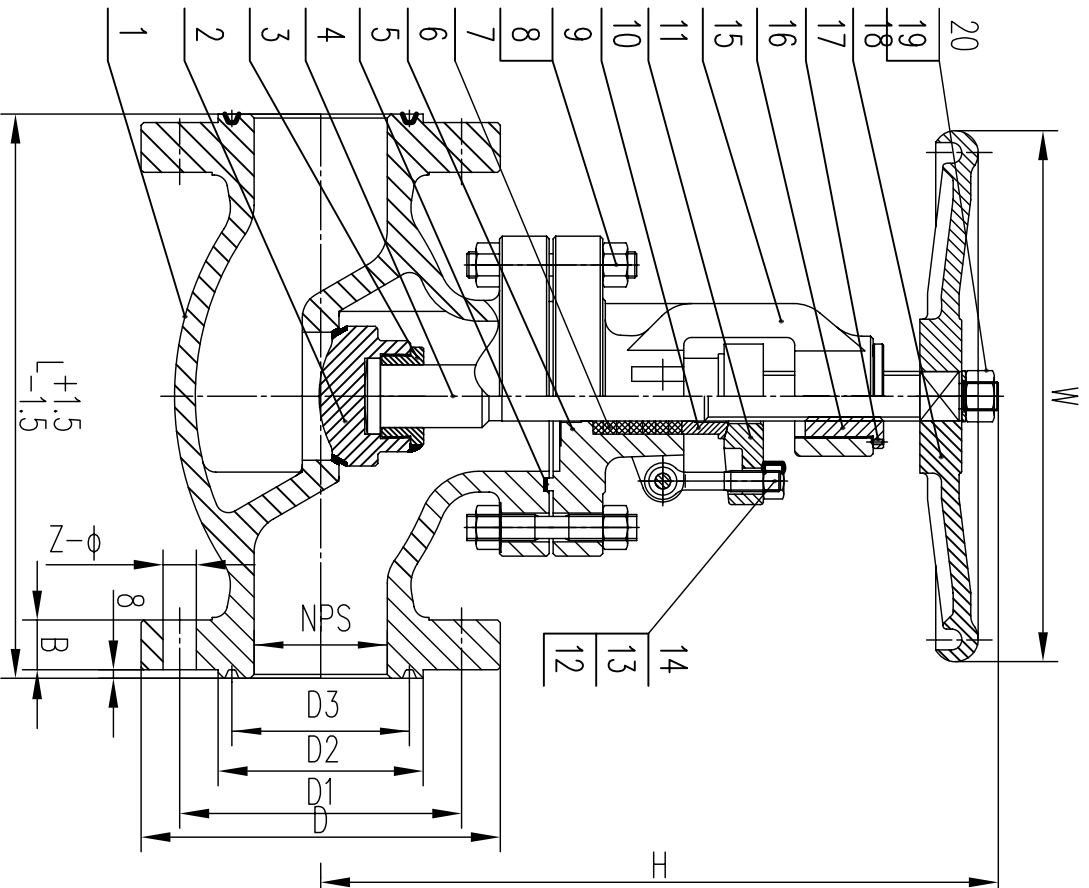
DESIGN & MFT	BS1873	ENDS CONNECTION	RTJ
PRE-TEMP.RATING	ASME B 16.34	INSPECT & TEST	API 598
F-F DIMENSION	ANSI B 16.10	FLANGED DIMENSION	ANSI B 16.5
MARKING	MSS-SP-25	FIRE SAFE DESIGN	—
PAINTING	TAB	SPE.REQUIREMENTS	N.A

TEST PRESSURE		MPa
API 598	Shell	Seat
Hydrotest	16.5	12.1
Air		0.6



SALES DRAWING
ANSI 600
GLOBE VALVE

REVISION	BY	DATE	Dwg No.	J41Y-600LB	0
REVISION	BY	DATE			



11	Gland flange	ASTM A351 CF8				
10	Gland	ASTM A182 F304				
9	Stud	ASTM A193 B16	20	Nut		ASTM A194 2H
8	Nut	ASTM A194 4	19	Plain washer		C.S
7	Packing	Graphite	18	Handwheel		K1330-8
6	Back Seat	ASTM A351 CF8	17	Locking screw		ASTM A193 B7
5	Gasket	SS304+Graphite	16	Stem nut		Copper Alloy
4	Stem	ASTM A182 F304	15	Bonnet		ASTM A351 CF8
3	Disc cover	ASTM A182 F304	14	Pin		S.S
2	Disc	ASTM A182 F304+STL	13	Eye stud		ASTM A193 B16
1	Body	ASTM A351 CF8+STL	12	Eye nut		ASTM A194 4
NO.	PART NAME	MATERIAL	NO.	PART NAME	MATERIAL	

NPS	L	D	D1	D2	D3	B	H	W	Z-φ
2"	295	165	127	108	82.55	25.4	386	250	8-φ19
3"	359	210	168.3	146	123.825	31.8	430	300	8-φ22
4"	435	275	215.9	175	149.225	38.1	520	400	8-φ25.4

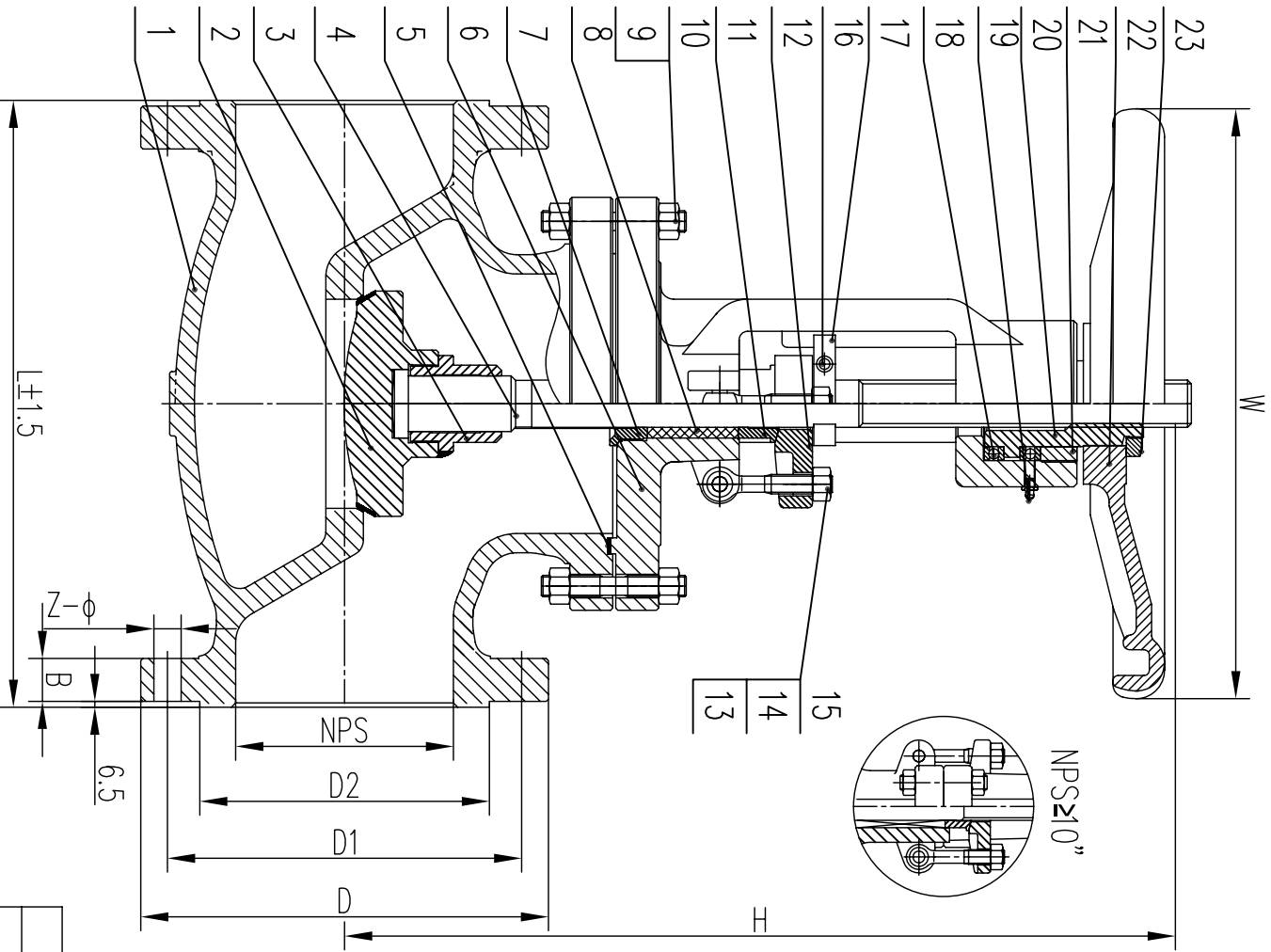
UNIT:mm

DESIGN & MFT	BS1873	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	Seat
Hydrotest	16.5	12.1
Air		0.6



SALES DRAWING		ANSI 600 GLOBE VALVE
REVISION	BY	
REVISION	BY	DATE
REVISION	BY	DATE
NO.	DATE	Dwg No. J41Y-6001B
		0



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

G0

NPS	L	D	D1	D2	B	W	H	Z-φ
6"	559	355	292.1	216	47.7	550	750	12-φ28.5
8"	660	420	349.2	270	55.6	530	1040	12-φ32
10"	787	510	431.8	324	63.5	530	1310	16-φ35

UNIT:mm

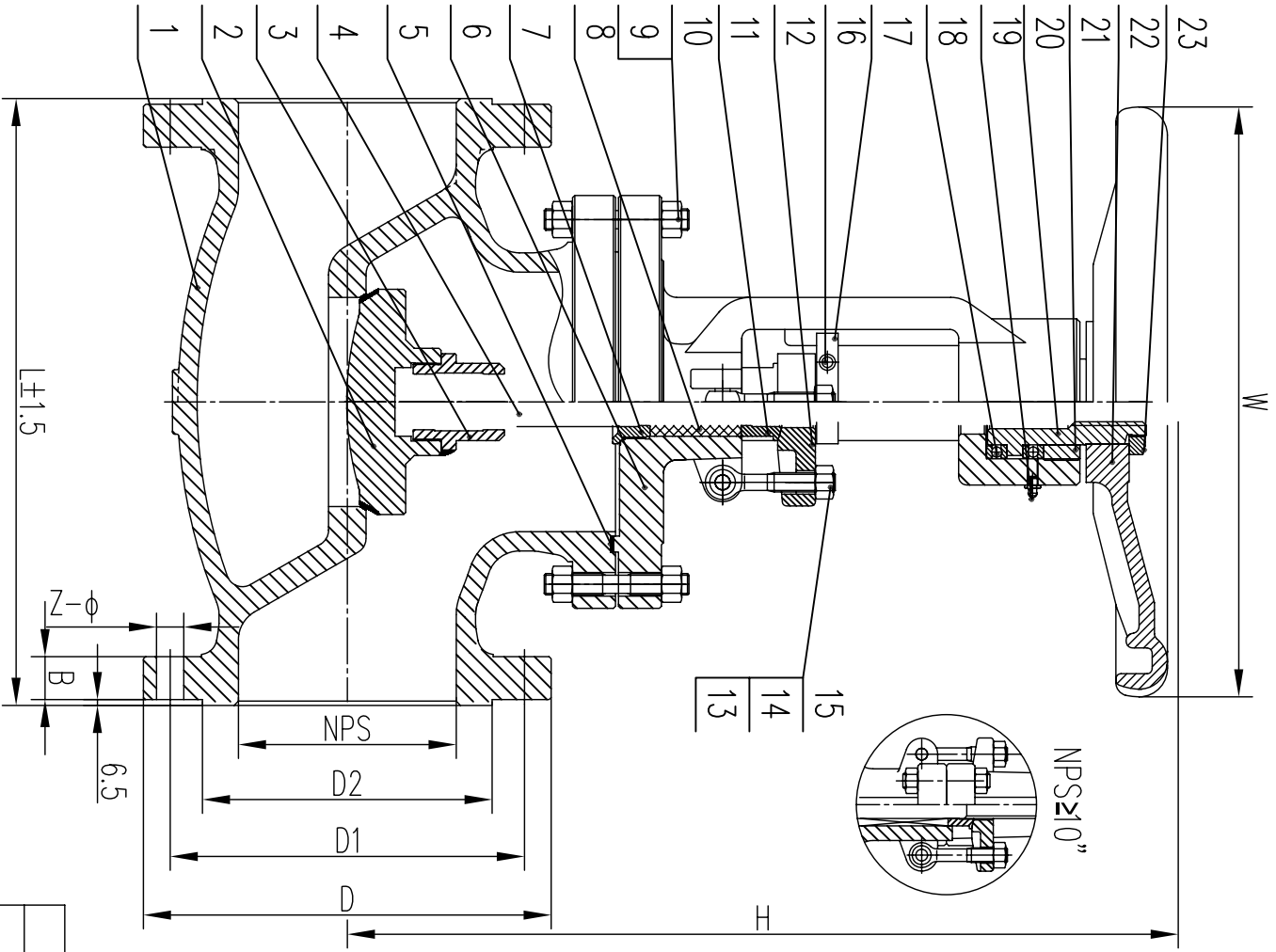
DESIGN & MFT	BS1873	ENDS CONNECTION	RF
PRE-TEMP.RATING	ASME B 16.34	INSPECT & TEST	API 598
F-F DIMENSION	ANSI B 16.10	FLANGED DIMENSION	ANSI B 16.5
MARKING	MSS-SP-25	FIRE SAFE DESIGN	—
PAINTING	TAB	SPE REQUIREMENTS	N.A

TEST PRESSURE		MPa
API 598	Shell	Seat
Hydrotest	16.5	12.1
Air		0.6

mapi

SALES DRAWING
ANSI 600
GLOBE VALVE

REVISION	BY	DATE	Dwg No.	J(5)41H-600LB	0
REVISION	BY	DATE			



12	Gland flange	ASTM A351 CF8							
11	Gland	ASTM A182 F304	23	Lock nut				C.S	
10	Stud	ASTM A193 B16	22	Handwheel				KT330-8	
9	Nut	ASTM A194 4	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	Stem	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 B16	
1	Body	ASTM A351 CF8+STL	13	Eye nut				ASTM A194 4	

GO

NPS	L	D	D1	D2	B	W	H	Z-φ
6"	559	355	292.1	216	47.7	550	750	12-φ28.5
8"	660	420	349.2	270	55.6	530	1040	12-φ32
10"	787	510	431.8	324	63.5	530	1310	16-φ35

UNIT: mm

DESIGN & MFT	BS1873	ENDS CONNECTION	RF
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

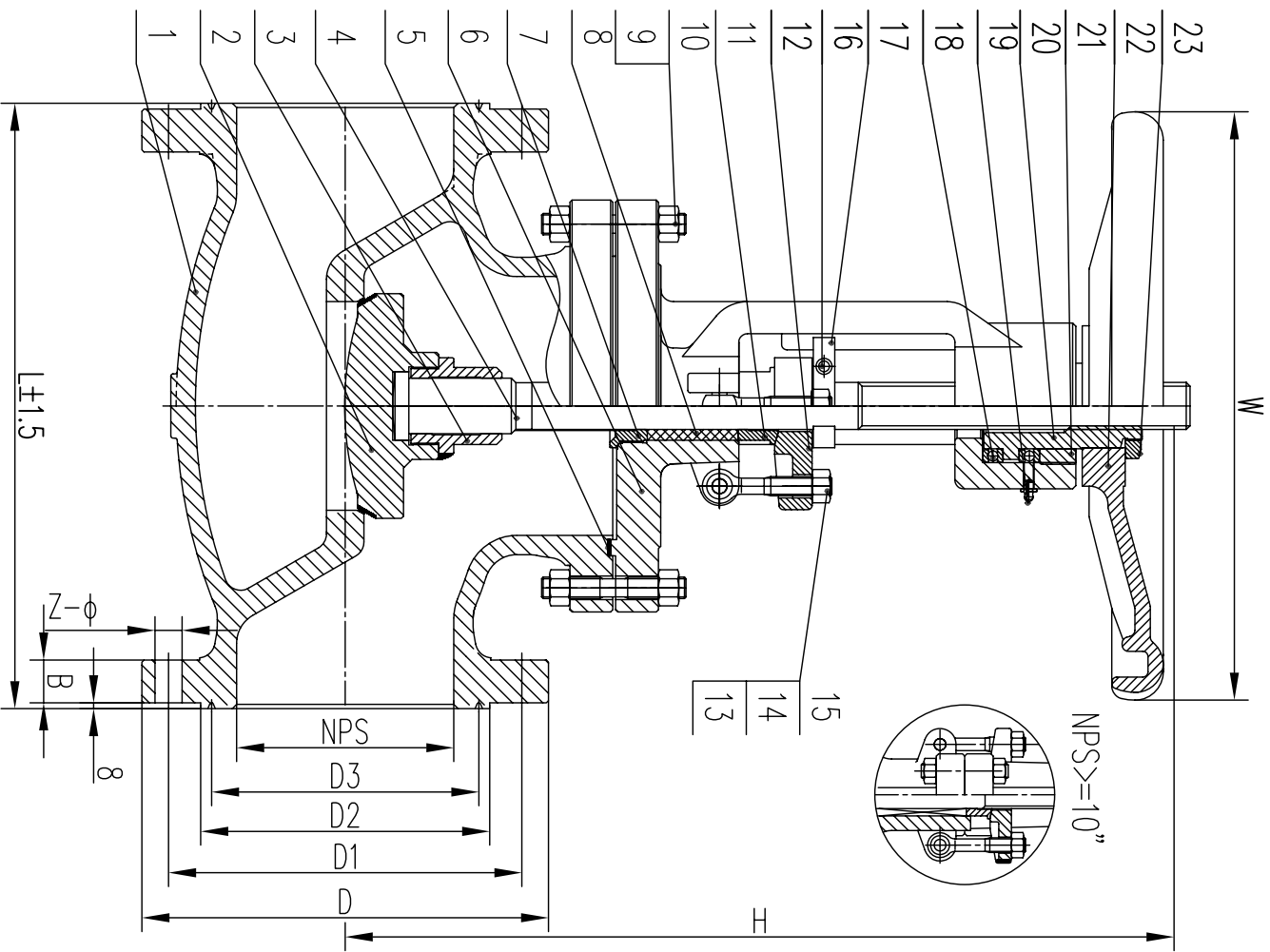
TEST PRESSURE

	Shell	Seat
API 598	16.5	12.1
Hydrotest		
Air		0.6



SALES DRAWING
ANSI 600
GLOBE VALVE

REVISION	BY	DATE	Dwg No.	J(5)41Y-600LB	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		KT330-8			
9	Nut	ASTM A194 2H	21	Gland nut		C.S			
8	Packing	Graphite	20	Stem nut		Copper Alloy			
7	Back Seat	ASTM A182 F6	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	Eye nut		ASTM A194 2H			

G0

NPS	L	D	D1	D2	D3	B	W	H	Z-φ
6"	562	355	292.1	241	211	47.7	550	750	12-φ28.5
8"	663	420	349.2	302	270	55.6	530	1040	12-φ32
10"	790	510	431.8	356	324	63.5	530	1310	16-φ35

UNIT: mm

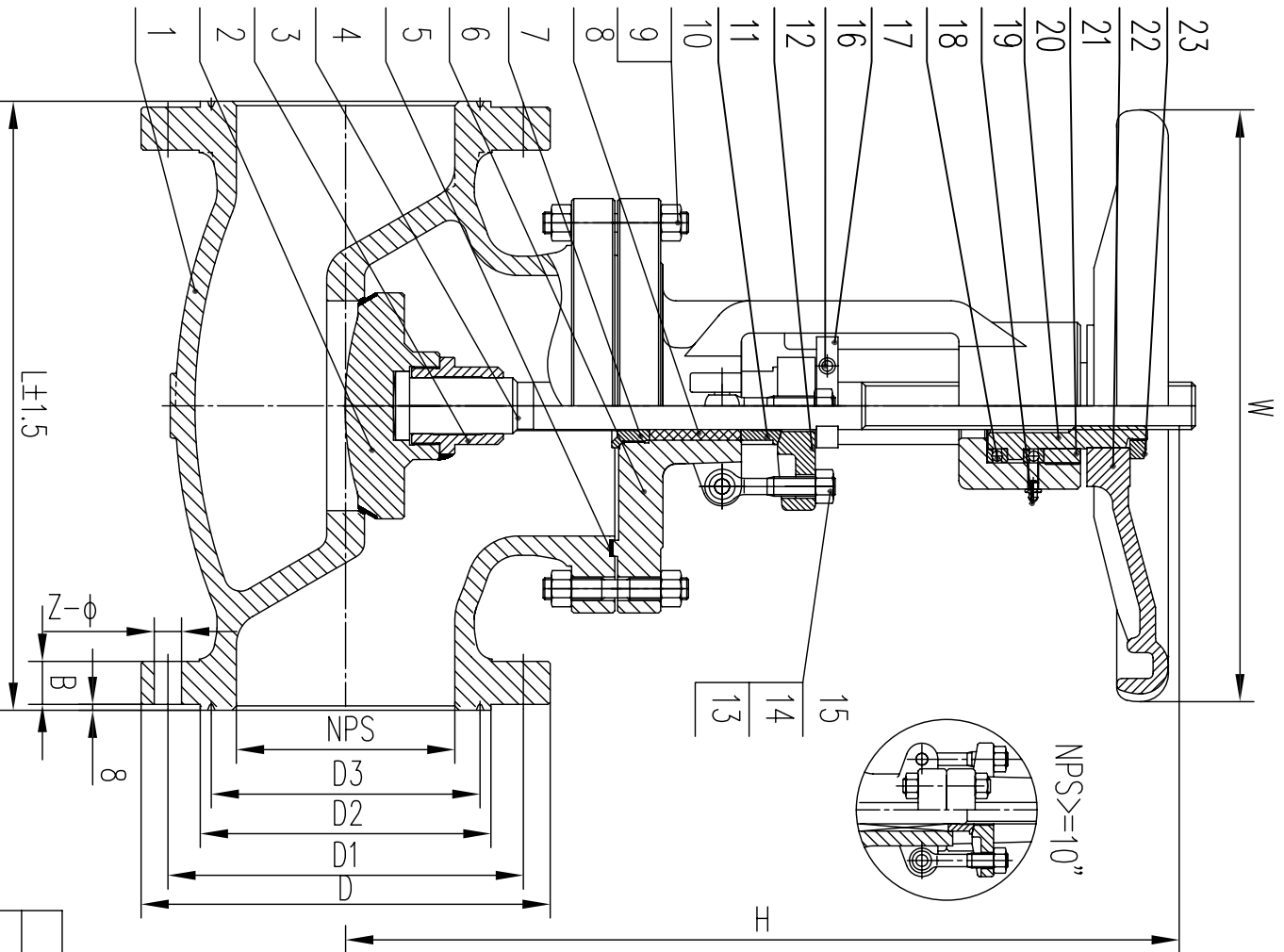
DESIGN & MFT	BS1873	ENDS CONNECTION	RTJ
PRE-TEMP.RATING	ASME B 16.34	INSPECT & TEST	API 598
F-F DIMENSION	ANSI B 16.10	FLANGED DIMENSION	ANSI B 16.5
MARKING	MSS-SP-25	FIRE SAFE DESIGN	—
PAINTING	TAB	SPE.REQUIREMENTS	N.A

TEST PRESSURE		MPa
API 598	Shell	Seal
Hydrotest	16.5	12.1
Air		0.6



SALES DRAWING
ANSI 600
GLOBE VALVE

REVISION	BY	DATE	Dwg No.	J(5)41H-600LB	0
REVISION	BY	DATE			



12	Gland flange	ASTM A351 CF8							
11	Gland	ASTM A182 F304	23	Lock nut				C.S	
10	Stud	ASTM A193 B16	22	Handwheel				KT330-8	
9	Nut	ASTM A194 4	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	Stem	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 B16	
1	Body	ASTM A351 CF8+STL	13	Eye nut				ASTM A194 4	

GO

NPS	L	D	D1	D2	D3	B	W	H	Z-φ
6"	562	355	292.1	241	211	47.7	550	750	12-φ28.5
8"	663	420	349.2	302	270	55.6	530	1040	12-φ32
10"	790	510	431.8	356	324	63.5	530	1310	16-φ35

UNIT:mm

DESIGN & MFT	BS1873	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	Seat	
Hydrotest	16.5	12.1	
Air		0.6	

mapol

SALES DRAWING
ANSI 600
GLOBE VALVE

REVISION	BY	DATE	Drawg No.	
REVISION	BY	DATE		
REVISION	BY	DATE		
			(J5)41Y-600LB	0