

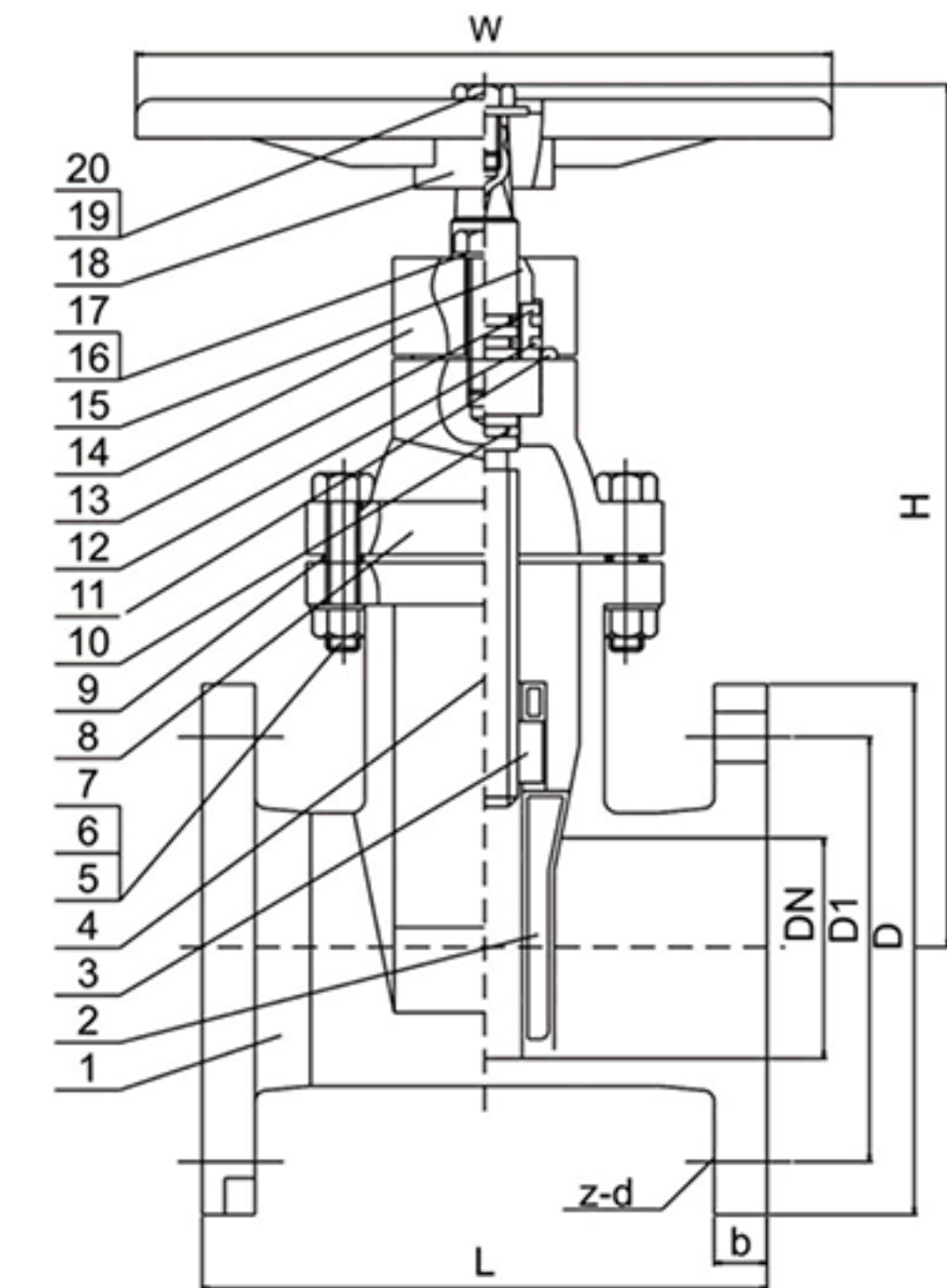
Note:

- 1.Design and manufacture: AWWA C509.
- 2.Flange dimensions: ASME B16.1.
- 3.Face to face dimensions: ASME B16.10.
- 4.Fusion bonded epoxy coating inside and outside.
- 5.Test and inspection: API 598.
- 6.Size up to 40".

Materials list:

1	Body	ASTM A536	11	Minipad	ASTM D 2000
2	Wedge	ASTM A536+NBR	12	O-Ring	ASTM D 2000
3	Stem Nut	ASTM B62	13	Seal Ring	ASTM B16
4	Stem	ASTM B16	14	Gland	ASTM A536
5	Bonnet Bolt	S.S.304	15	Dust Ring	ASTM D 2000
6	Nut	S.S.304	16	Washer	S.S.304
7	Washer	S.S.304	17	Bolt	S.S.304
8	Bonnet	ASTM A536	18	Wheel	ASTM A307
9	Gasket	ASTM D 2000	19	Nut	S.S.304
10	O-Ring	ASTM D 2000	20	Washer	S.S.304

DN	D		D1		L		b	H	z-d	
	AWWA	BS(F4)	AWWA	BS(F4)	AWWA BS	F4			AWWA	BS(F4)
50	152	165	120.5	125	178	150	19	258	4-19	4-19
65	178	185	139.5	145	190	170	19	266	4-19	4-19
80	191	200	152.5	160	203	180	19	301	4-19	8-19
100	229	220	190.5	180	229	190	19	345	8-19	8-19
125	254	250	215.9	210	254	200	19	395	8-22	8-19
150	279	285	241.5	240	267	210	19	444	8-22	8-23
200	343	340	298.5	295	292	230	20	522	8-22	12-23
250	406	405	362	355	330	250	22	604	12-25	12-28
300	483	460	432	410	356	270	25.4	705	12-25	12-28
350	533	520	476	470	381	290	26.5	769	12-29	16-28
400	597	580	539.5	525	406	310	28	854	16-29	16-31



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DN	D		D1		L		b	H	z-d	
	AWWA	BS(F4)	AWWA	BS(F4)	AWWA BS	F4			AWWA	BS(F4)
450	635	640	578	585	432	330	30	980	16-32	20-31
500	699	715	635	650	457	350	31.5	1010	20-32	20-34
600	813	840	749.5	770	508	390	36	1164	20-35	20-37
700	-	910	-	840	610	430	39.5	2050	-	24-37
800	-	1025	-	950	660	470	43	2250	-	24-40
900	-	1125	-	1050	711	510	46.5	2350	-	28-40
1000	-	1255	-	1170	811	550	50	2550	-	28-43
1200	-	1485	-	1390	1015	630	57	2800	-	32-49