

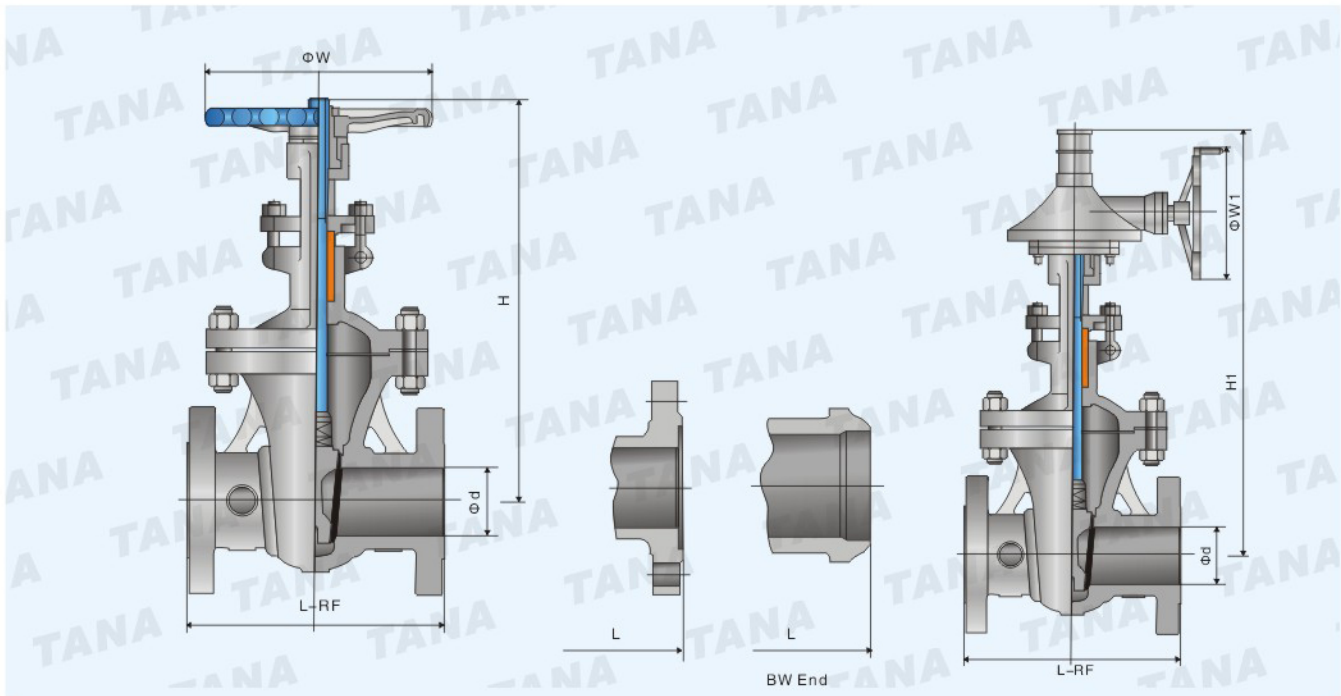
■ **Standards**

Design and Manufacture: DIN3352 BS EN 1984  
 Face to Face Dimensions: DIN3202, BS EN 558-1  
 Flange Ends Dimensions: DIN2543, EN 1092-1  
 DIN2544, DIN2545, DIN2546  
 Test & Inspect: DIN 3230, BS EN 12569

■ **Standard Material Specifications**

Part Name		Material				
		Trim 1	Trim 8	Trim 5		
1	Body	DIN 17245 GS-C25+CR13	DIN 17245 GS-C25+STL	DIN 17245 GS-C25+STL	DIN 17445 1.4308	DIN 17445 1.4408
2	Wedge	DIN 17245 GS-C25+CR13	DIN 17245 GS-C25+CR13	DIN 17245 GS-C25+STL	DIN 17445 1.4308	DIN 17445 1.4408
7	Bonnet	DIN 17245 GS-C25+CR13	DIN 17245 GS-C25+CR13	DIN 17245 GS-C25+CR13	DIN 17445 1.4308	DIN 17445 1.4408
9	Gland	ASTM A182 F6a			ASTM A182 F304	ASTM A182 F316
10	Gland Flange	DIN 17245 GS-C25			DIN 17445 1.4308	DIN 17445 1.4408
3	Stem	ASTM A182 F6a			ASTM A182 F304	ASTM A182 F316
4	Nut	A194 2H			A194 8	A194 8
5	Bolt	A193 B7			A193 B8	A193 B8
6	Gasket	SS Spiral Wound W/graphite, or SS Spiral Wound W/PTFE, or Reinforced PTFE				
8	Packing	Braided Graphite or Dieformed Graphite Ring or PTFE				
11	Stem Nut	Copper alloy or A439 D2				
12	Hand Wheel	Ductile iron or Carbon steel				

Noted: The chart above only lists out some common composition of steel gate valve parts. We may provide other different parts material composition according to the customer's request or the actual valve working condition.



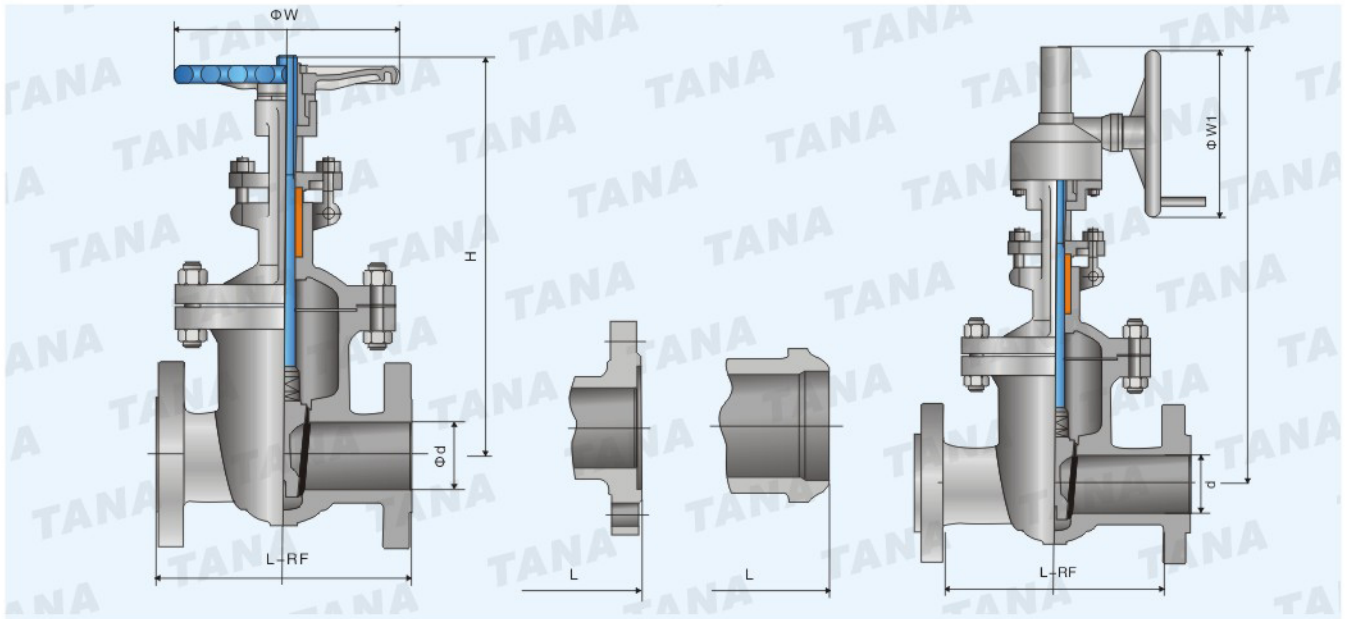
**■ Dimensions**

PN10(DIN 3202-F4)																						
DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200
L-RF	-	130	140	150	170	180	190	200	210	230	250	270	290	310	330	350	390	430	470	510	550	630
H	-	268	295	305	345	370	445	530	565	725	885	1010	1140	1295	1380	1535	1835	2155	-	-	-	-
H1	-	-	-	-	-	-	-	-	-	965	1220	1365	1545	1755	1890	2085	2435	2925	3275	3670	4220	4845
W	-	180	200	200	200	250	280	280	300	360	400	400	450	500	500	600	700	800	-	-	-	-
W1	-	-	-	-	-	-	-	-	-	310	310	310	310	460	460	460	460	530	530	530	530	600
W(kg)	-	10	13	18	23	29	38	53	68	108	160	220	275	390	487	563	852	1250	1830	2295	3700	5050
PN16(DIN 3202-F5)																						
DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200
L-RF	160	180	240	250	270	280	300	325	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1400
H	206	270	305	325	350	415	465	545	610	775	905	1020	1180	1300	1420	1585	1810	-	-	-	-	-
H1	-	-	-	-	-	-	-	-	-	1220	1370	1525	1755	1890	2135	2585	2945	3345	3750	4005	4830	-
W	160	180	200	200	200	250	280	300	360	360	400	450	500	500	600	600	680	-	-	-	-	-
W1	-	-	-	-	-	-	-	-	-	310	310	310	310	460	460	460	600	600	600	600	600	600
W(kg)	10	15	18	23	25	38	45	72	97	169	258	330	470	572	816	1180	1450	1860	2461	3080	3944	6020
PN25(DIN 3202-F5)																						
DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200
L-RF	160	180	240	250	270	280	300	325	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1400
H	206	270	305	325	350	415	465	545	610	775	905	1020	1180	1300	1420	1585	1810	-	-	-	-	-
H1	-	-	-	-	-	-	-	-	-	1220	1370	1525	1755	1890	2135	2585	2945	3345	3750	4005	4830	-
W	160	180	200	200	250	250	250	280	300	350	400	450	500	500	600	600	700	-	-	-	-	-
W1	-	-	-	-	-	-	-	-	-	310	310	310	310	460	460	460	600	600	600	600	600	600
W(kg)	11	16	18	25	30	42	56	76	108	182	280	352	495	652	925	1250	1560	2030	2558	3870	4960	7558
PN40(DIN 3202-F7)																						
DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500	600	700	800	900	-	-	-
L-RF	160	180	240	250	290	310	350	400	450	550	650	750	850	950	1150	1350	1550	1750	1950	-	-	-
H	210	270	323	377	389	418	489	541	630	824	915	1085	1190	1310	1560	1875	-	-	-	-	-	-
H1	-	-	-	-	-	-	-	-	-	1225	1420	1580	1755	2125	2520	2945	3450	3890	-	-	-	-
W	160	180	200	200	250	250	300	300	360	400	450	500	600	600	650	750	-	-	-	-	-	-
W1	-	-	-	-	-	-	-	-	-	310	310	310	310	460	530	530	600	600	600	-	-	-
W(kg)	11	16	18	25	33	45	59	78	116	225	360	513	710	955	1368	2150	3050	-	-	-	-	-

Noted: We may provide other different actuators according to the customer's request, such as pneumatic, electric, hydraulic actuators, the details of them according to the actual valve working condition.

Noted: For Dn ≤ 40, the face to face dimension conform to the F1 series

Noted: The face to face dimension of BW-end-valve is the same as that of flanged-end-valve.



■ Dimensions

PN63(DIN 3202-F4)														
DN	40	50	65	80	100	125	150	200	250	300	350	400	500	600
L-RF	240	250	290	310	350	400	450	550	650	750	850	950	1150	1350
H	323	380	410	450	525	605	675	820	975	1115	1235	1385	1500	1690
H1	-	-	-	-	-	-	890	1080	1285	1475	1635	1840	2180	2500
W	180	200	250	250	300	300	360	400	450	500	600	600	-	-
W1	-	-	-	-	-	-	310	310	460	460	460	530	530	530
W(kg)	22	32	39	53	78	123	176	340	435	560	843	1310	1900	3765
PN100(DIN 3202-F7)														
DN	40	50	65	80	100	125	150	200	250	300	350	400	500	600
L-RF	240	250	290	310	350	400	450	550	650	750	850	950	1150	1350
H	360	390	415	460	510	625	750	890	1050	1208	-	-	-	-
H1	-	-	-	-	-	-	890	1200	1415	1680	1900	2285	-	-
W	180	200	250	280	300	360	450	500	650	700	-	-	-	-
W1	-	-	-	-	-	-	310	310	460	460	460	530	-	-
W(kg)	28	42	55	63	101	147	228	449	608	1020	1350	1650	-	-
PN160(DIN 3202-F8)														
DN	40	50	65	80	100	125	150	200	250	300	-	-	-	-
L-RF	270	300	360	390	450	525	600	750	900	1050	-	-	-	-
H	365	512	560	585	631	670	820	990	-	-	-	-	-	-
H1	-	-	-	-	-	840	955	1235	1500	1725	-	-	-	-
W	250	280	280	300	360	400	500	650	-	-	-	-	-	-
W1	-	-	-	-	-	310	310	460	460	530	-	-	-	-
W(kg)	50	74	107	120	180	342	410	582	950	1380	-	-	-	-

Noted: We may provide other different actuators according to the customer's request, such as pneumatic, electric, hydraulic actuators, the details of them according to the actual valve working condition.

Noted: The face to face dimension of BW-end-valve is the same as that of flanged-end-valve.