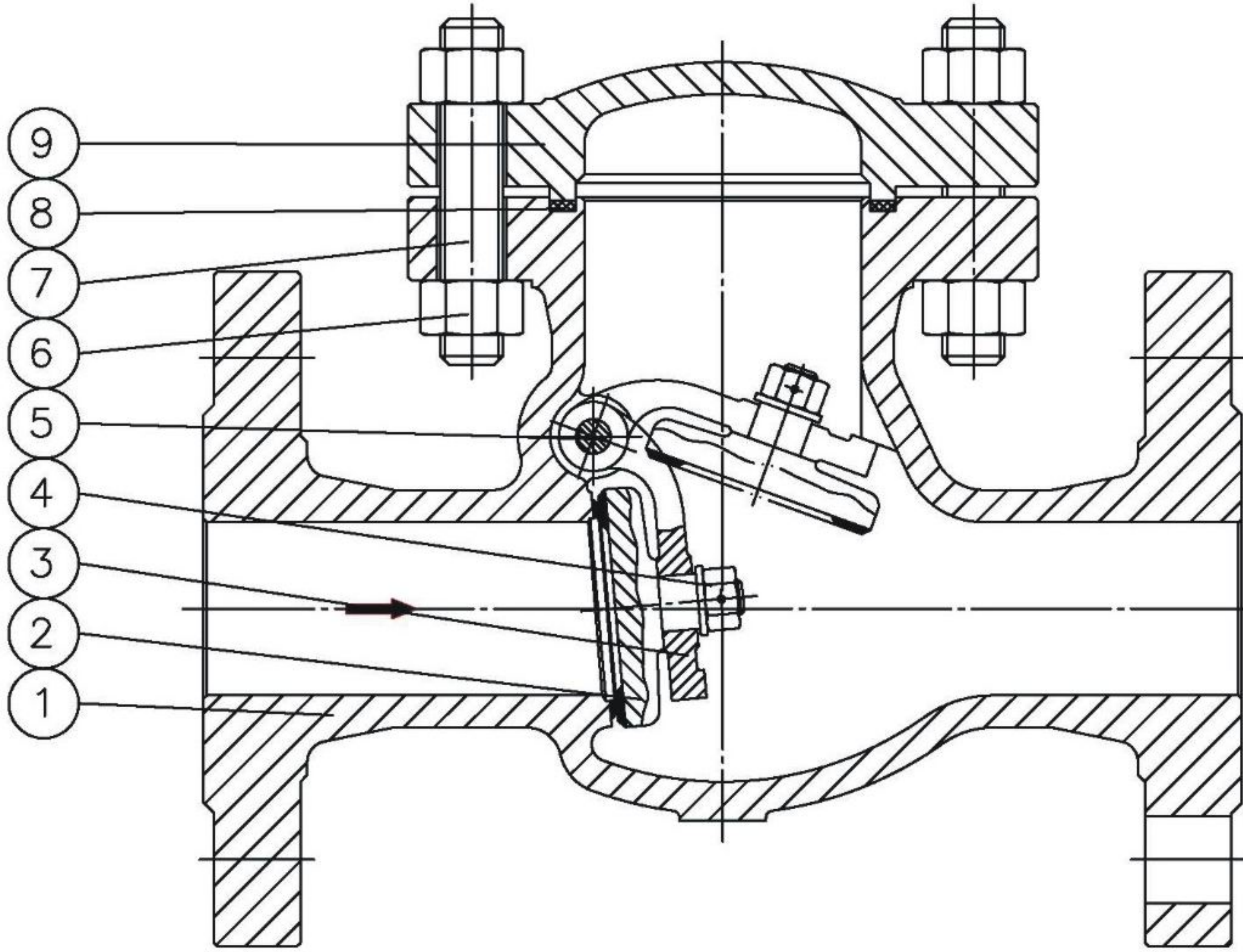




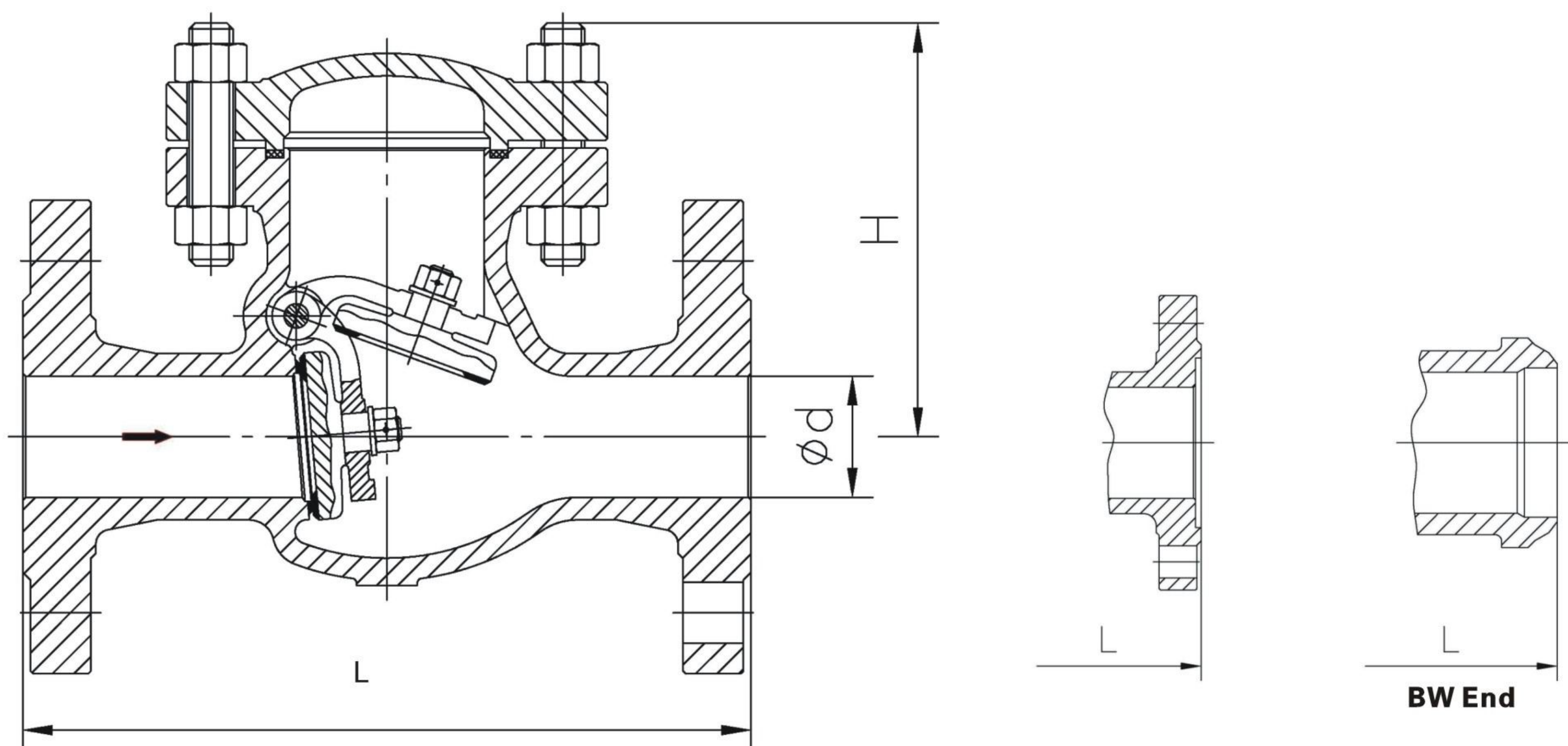
Standards

Design and Manufacture:DIN3840, BS EN 1868
Face to Face Dimensions:DIN3202, BS EN 558-1
Flange Ends Dimensions: DIN2543, BS EN 1092-1
DIN2544,DIN2545,DIN2546, DIN2548
Test & Inspect: DIN 3230, BS EN 12569

Parts and material list

Part Name		Material				
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	Disc	DIN 17245 GS-C25+CR13	DIN 17245 GS-C25+CR13	DIN 17245 GS-C25+STL	DIN 17445 1.4308	DIN 17445 1.4408
9	Cover	DIN 17245 GS-C25	DIN 17245 GS-C25	DIN 17245 GS-C25	DIN 17445 1.4308	DIN 17445 1.4408
3	Arm	DIN 17245 GS-C25	DIN 17245 GS-C25	DIN 17245 GS-C25	DIN 17445 1.4308	DIN 17445 1.4408
5	Pin	ASTM A182 F6a	ASTM A182 F6A	ASTM A182 F6a	ASTM A182 F304	ASTM A182 F316
6	Nut	ASTM A194 2H			ASTM A194 8	ASTM A194 8
7	Bolt	ASTM A194 B7			ASTM A193 B8	ASTM A193 B8
4	Nut	ASTM A194 2H			ASTM A182 F304	ASTM A182 F316
8	Gasket	SS Spiral Wound W/graphite, or SS Spiral Wound W/PTFE, or Reinforced PTFE				

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



Dimensions

PN16 (DIN 3202-F6)

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900
L	180	200	240	260	300	350	400	500	600	700	800	900	1000	1100	1300	1500	1700	1900
H	129	147	161	178	190	265	285	345	394	420	455	520	565	610	740	895	1240	1450
W(Kg)	13	16	23	31	40	53	80	116	216	316	440	513	582	800	1158	1380	1540	1790

PN25 (DIN 3202-F6)

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900
L	180	200	240	260	300	350	400	500	600	700	800	900	1000	1100	1300	1500	1700	1900
H	129	147	161	178	190	265	285	345	394	420	455	520	565	610	740	895	1240	1450
W(Kg)	14	20	27	44	55	88	145	213	297	375	495	545	600	815	1200	1400	1620	1830

PN40 (DIN 3202-F1)

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900
L-RF	200	230	290	310	350	400	480	600	730	850	980	1100	1200	1250	1450	1650	1850	2050
H	135	152	178	185	210	290	310	365	145	480	510	545	595	655	860	-	-	-
W(Kg)	15	22	29	40	46	58	92	168	310	430	558	780	915	1170	1350	-	-	-

PN63 (DIN 3202-F2)

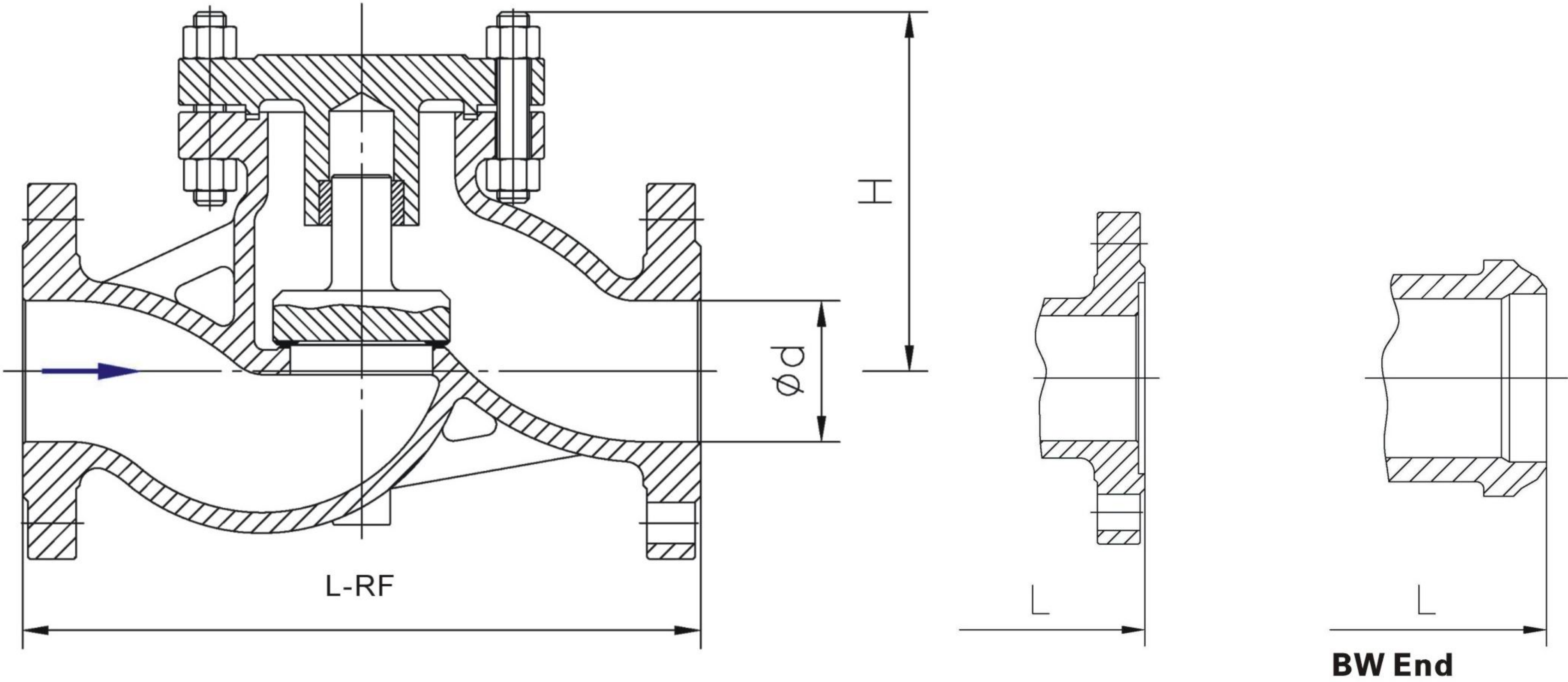
DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	-	-	-
L	260	300	340	380	430	500	550	650	775	900	1025	1150	1275	1400	1600	-	-	-
H	168	175	192	225	280	2108	335	390	452	520	570	626	695	770	905	-	-	-
W(Kg)	40	48	62	80	114	187	214	329	418	640	911	1130	1320	1693	2015	-	-	-

PN100 (DIN 3202-F2)

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	-	-	-
L	260	300	340	380	430	500	550	650	775	900	1025	1150	1275	1400	1600	-	-	-
H	165	183	205	236	272	305	345	398	456	528	600	685	-	-	-	-	-	-
W(Kg)	48	65	73	87	105	192	208	370	668	963	1100	1358	-	-	-	-	-	-

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





Dimensions																	
PN16 (DIN 3202-F1)																	
DN	mm	15	20	25	32	40	50	6 5	80	100	125	150	200	250	300	350	400
L-RF	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
L-BW	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
H	mm	77	77	80	85	95	105	120	130	140	155	180	215	260	315		
PN25 (DIN 3202-F1)																	
DN	mm	15	20	25	32	40	50	6 5	80	100	125	150	200	250	300	350	400
L-RF	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
L-BW	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
H	mm	100	105	120	130	135	149	160	169	194	222	255	305	355	410	-	-
PN40 (DIN 3202-F1)																	
DN	mm	15	20	25	32	40	50	6 5	80	100	125	150	200	250	300	-	-
L-RF	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	-	-
L-BW	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	-	-
H	mm	100	105	120	130	135	149	160	169	194	225	255	305	360	415	-	-
PN63 (DIN 3202-F2)																	
DN	mm	15	20	25	32	40	50	6 5	80	100	125	150	200	250	300	-	-
L-RF	mm	210	230	230	260	260	300	340	380	430	500	550	650	775	900	-	-
L-BW	mm	210	230	230	260	260	300	340	380	430	500	550	650	775	900	-	-
H	mm	100	110	125	140	168	170	188	205	230	240	265	310	-	-	-	-
PN100 (DIN 3202-F2)																	
DN	mm	15	20	25	32	40	50	6 5	80	100	125	150	200	250	300	-	-
L-RF	mm	210	230	230	260	260	300	340	380	430	500	550	650	775	900	-	-
L-BW	mm	210	230	230	260	260	300	340	380	430	500	550	650	775	900	-	-
H	mm	100	110	125	140	170	185	200	235	265	310	350	400	-	-	-	-

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