

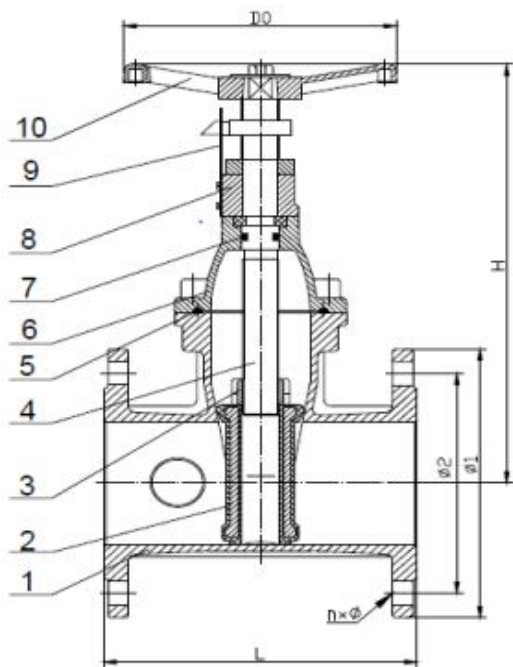
CE:0038

Resilient Seat , Gate Valve



Technical Requirements

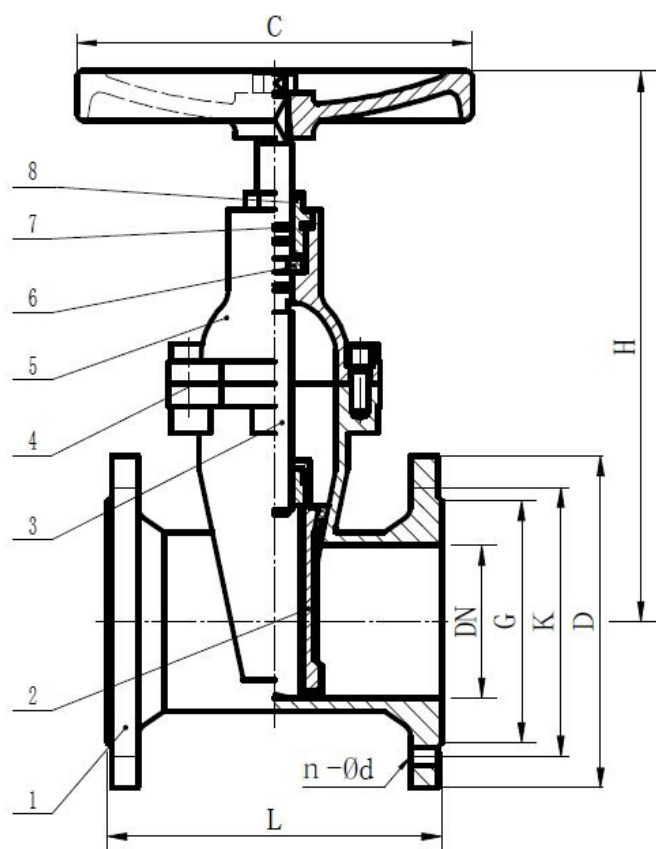
Flange Types: EN1092-2 PN10 / PN16
BS5163 ANSI 150# JIS 10K
Operation via hand wheel
Working Pressure PN20
Working temperature -10°C to 120°C



Materials List		
No	Part Name	Material
1	Body	Ductile Iron
2	Wedge Disc	EPDM
3	Stem nut	Brass
4	Stem	SS420
5	O Ring	EPDM
6	Bonnet	Ductile Iron
7	O Ring	EPDM
8	Gland	Ductile Iron
9	Fire Alarm	Stainless Steel
10	Handwheel	Ductile Iron

CE:0038

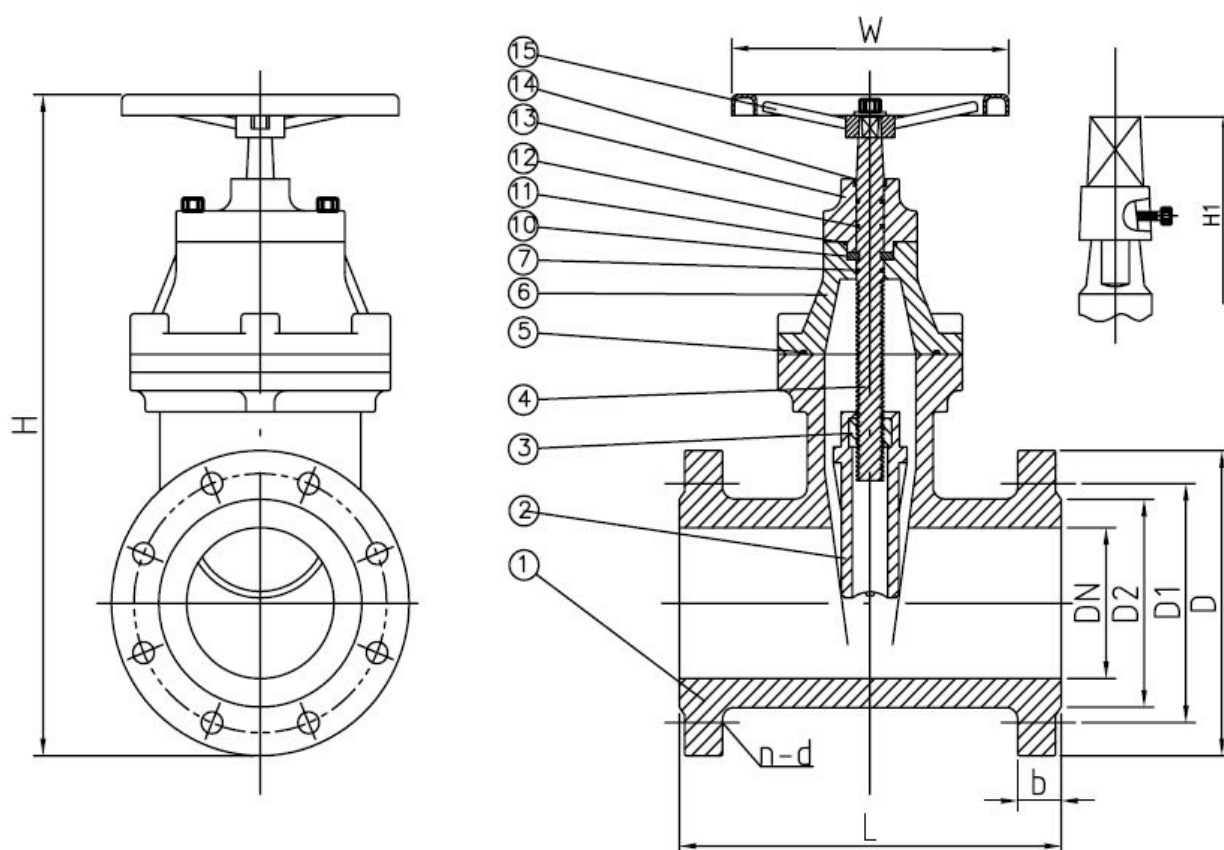
F4 Resilient Seat , Gate Valve PN10/PN16



SIZE	L	D		K		G		H	C	n-φd	
		PN10	PN16	PN10	PN16	PN10	PN16			PN10	PN16
DN50	150	165	165	125	125	102	102	230	180	4-φ18	4-φ18
DN65	170	185	185	145	145	122	122	265	180	4-φ18	4-φ18
DN80	180	200	200	160	160	138	138	265	220	4-φ18	8-φ18
DN100	190	220	220	180	180	158	158	310	240	8-φ18	8-φ18
DN125	200	250	250	210	210	188	188	390	260	8-φ18	8-φ18
DN150	210	285	285	240	240	212	212	390	260	8-φ23	8-φ23
DN200	230	340	340	295	295	268	268	425	280	8-φ23	12-φ23
DN250	250	395	405	350	355	320	320	625	300	12-φ23	12-φ27
DN300	270	445	460	400	410	370	378	700	350	12-φ23	12-φ27

CE:0038

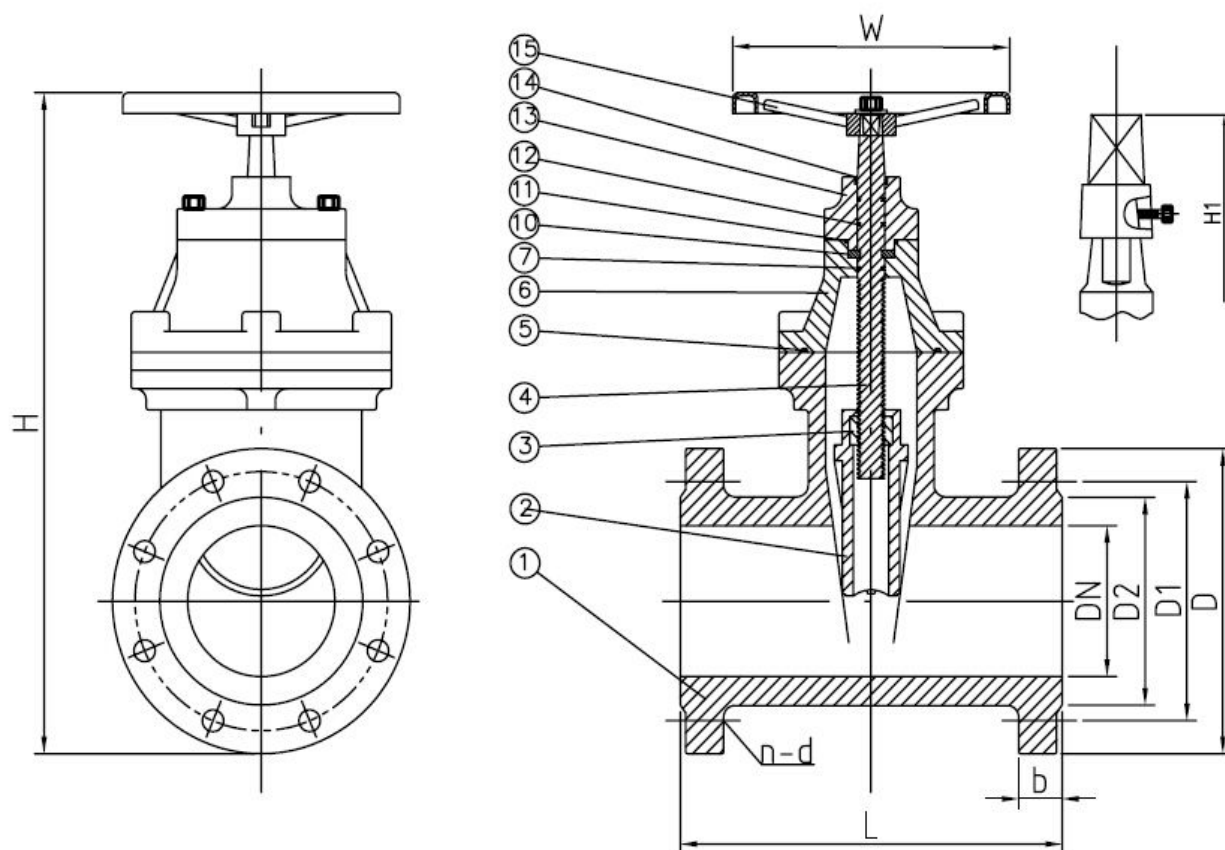
F5 Resilient Seat , Gate Valve PN16



DN50	250	165	125	102	18	4	18	300	360	160	11
DN65	270	185	145	122	18	4	18	345	405	160	14
DN80	280	200	160	138	18	8	18	390	450	200	19
DN100	300	220	180	158	19	8	18	430	490	200	23
DN125	325	250	210	188	19	8	18	510	590	260	30
DN150	350	285	240	212	19	8	22	565	645	260	40
DN200	400	340	295	268	22	12	22	680	760	320	62
DN250	450	405	355	320	22	12	26	820	900	400	105
DN300	500	460	410	378	26	12	26	930	1010	400	160
DN350	550	520	470	438	28	16	26	1020	1100	460	320
DN400	600	580	525	490	30	16	30	1100	1180	460	420
DN450	650	640	585	550	30	20	30	1180	1260	560	590
DN500	700	715	650	610	32	20	33	1250	1330	650	730
DN600	800	840	770	725	36	20	36	1370	1450	650	890
SIZE	L	D	D1	D2	b	n	d	H	H1	W	W.T(kg)

CE:0038

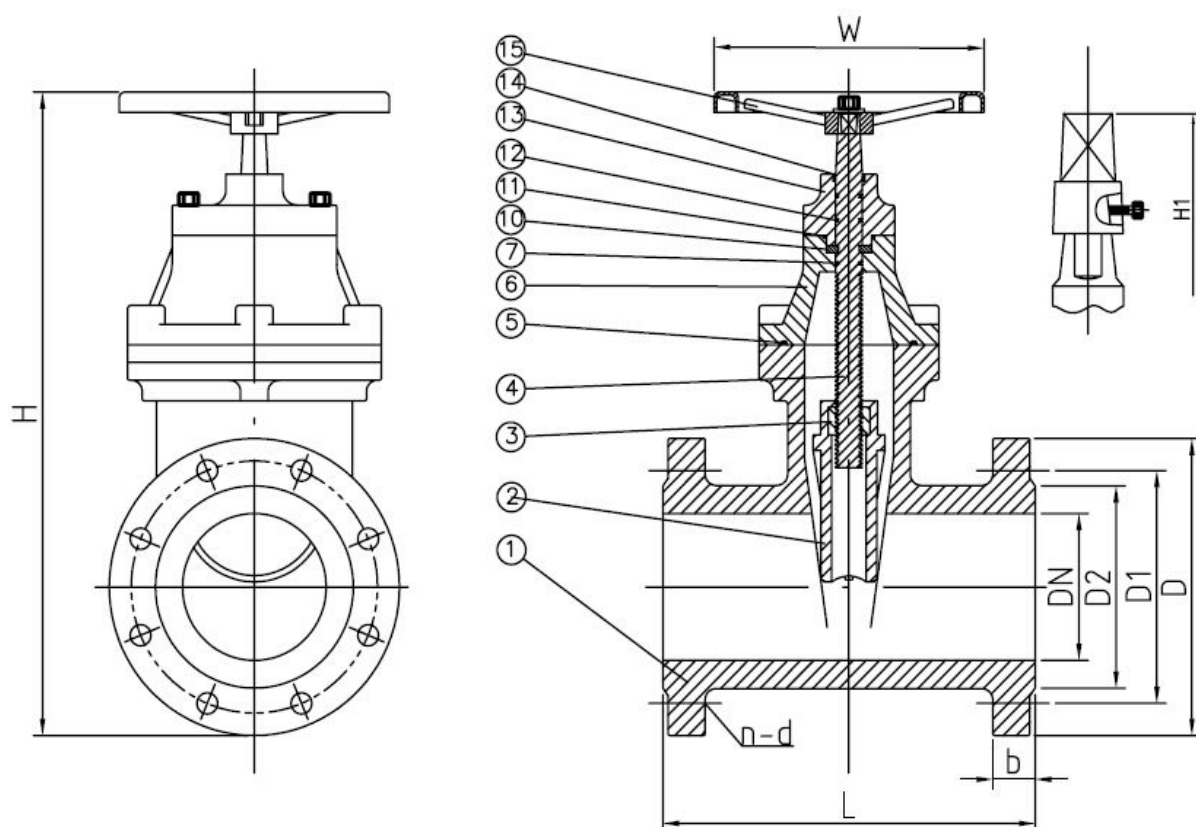
Resilient Seat , Gate Valve BS5163



DN40	165	150	110	84	19	4	19	280	340	160	9.5
DN50	178	165	125	99	19	4	19	300	360	160	10
DN65	190	185	145	118	19	4	19	345	405	160	13
DN80	203	200	160	132	19	8	19	390	450	200	17
DN100	229	220	180	156	19	8	19	430	490	200	22
DN125	254	250	210	184	19	8	19	510	590	260	31
DN150	267	285	240	211	19	8	23	565	645	260	38
DN200	292	340	295	266	20	12	23	680	760	320	58
DN250	330	405	355	319	22	12	28	820	900	400	88
DN300	356	460	410	370	25.4	12	28	930	1010	400	125
DN350	381	520	470	429	26.5	16	28	1020	1100	460	200
DN400	406	580	525	480	28	16	31	1100	1180	460	280
DN450	432	640	585	548	30	20	31	1180	1260	560	350
DN500	457	715	650	609	31.5	20	34	1250	1330	650	400
DN600	508	840	770	720	36	20	37	1370	1450	650	580
SIZE	L	D	D1	D2	b	n	d	H	H1	W	W.T(kg)

CE:0038

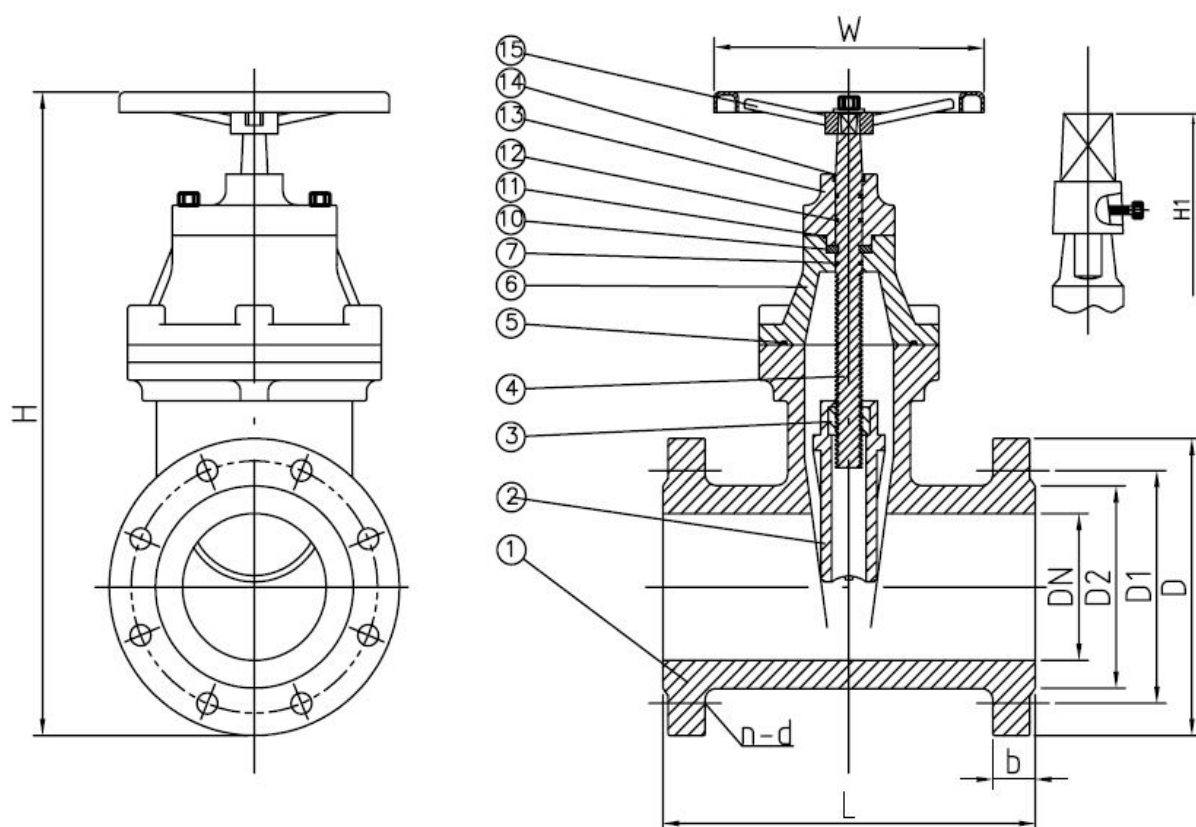
Resilient Seat , Gate Valve ANSI 150#



1.5"	165	127	98.6	73.2	14.2	4	16	280	340	160	13
2"	178	152	120.7	91.9	15.8	4	19	300	360	160	14
2.5"	190	178	139.7	104.6	17.5	4	19	345	405	160	16
3"	203	191	152.4	127	19	4	19	390	450	200	23
4"	229	229	190.5	157.2	23.9	8	19	430	490	200	28
5"	254	254	215.9	185.7	23.9	8	22	510	590	260	37
6"	267	279	241.3	215.9	25.4	8	22	565	645	260	52
8"	292	343	298.5	269.7	28.5	8	22	680	760	320	77
10"	330	406	362	323.8	30.2	12	25	820	900	400	127
12"	356	483	431.8	381	31.8	12	25	930	1010	400	176
14"	381	533	476.3	412.7	35	12	29	1020	1100	460	322
16"	406	597	539.8	469.9	36.6	16	29	1100	1180	460	432
18"	432	635	577.9	533.4	39.6	16	32	1180	1260	560	542
20"	457	699	635	584.2	42.9	20	32	1250	1330	650	695
24"	508	813	749.3	692.1	47.8	20	35	1370	1450	650	845
SIZE	L	D	D1	D2	b	n	d	H	H1	W	W.T(kg)

CE:0038

Resilient Seat , Gate Valve JIS 10K



DN40	165	140	105	81	20	4	19	280	340	160	13
DN50	178	155	120	96	20	4	19	300	360	160	15
DN65	190	175	140	116	22	4	19	345	405	160	18.5
DN80	203	185	150	126	22	8	19	390	450	200	24.9
DN100	229	210	175	151	24	8	19	430	490	200	34.8
DN125	254	250	210	182	24	8	23	510	590	260	48
DN150	267	280	240	212	26	8	23	565	645	260	61.3
DN200	292	330	290	262	26	12	23	680	760	320	106
DN250	330	400	355	324	30	12	25	820	900	400	138
DN300	356	445	400	368	32	16	25	930	1010	400	175
DN350	381	490	445	413	34	16	25	1020	1100	460	240
DN400	406	560	510	475	36	16	27	1100	1180	460	420
DN450	432	620	565	530	38	20	27	1180	1260	560	485
DN500	457	675	620	585	40	20	27	1250	1330	650	650
SIZE	L	D	D1	D2	b	n	d	H	H1	W	W.T(kg)