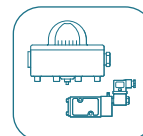
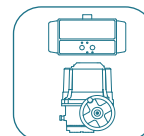
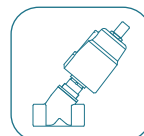
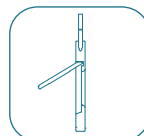
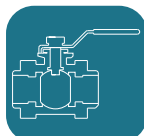
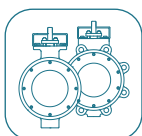
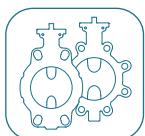
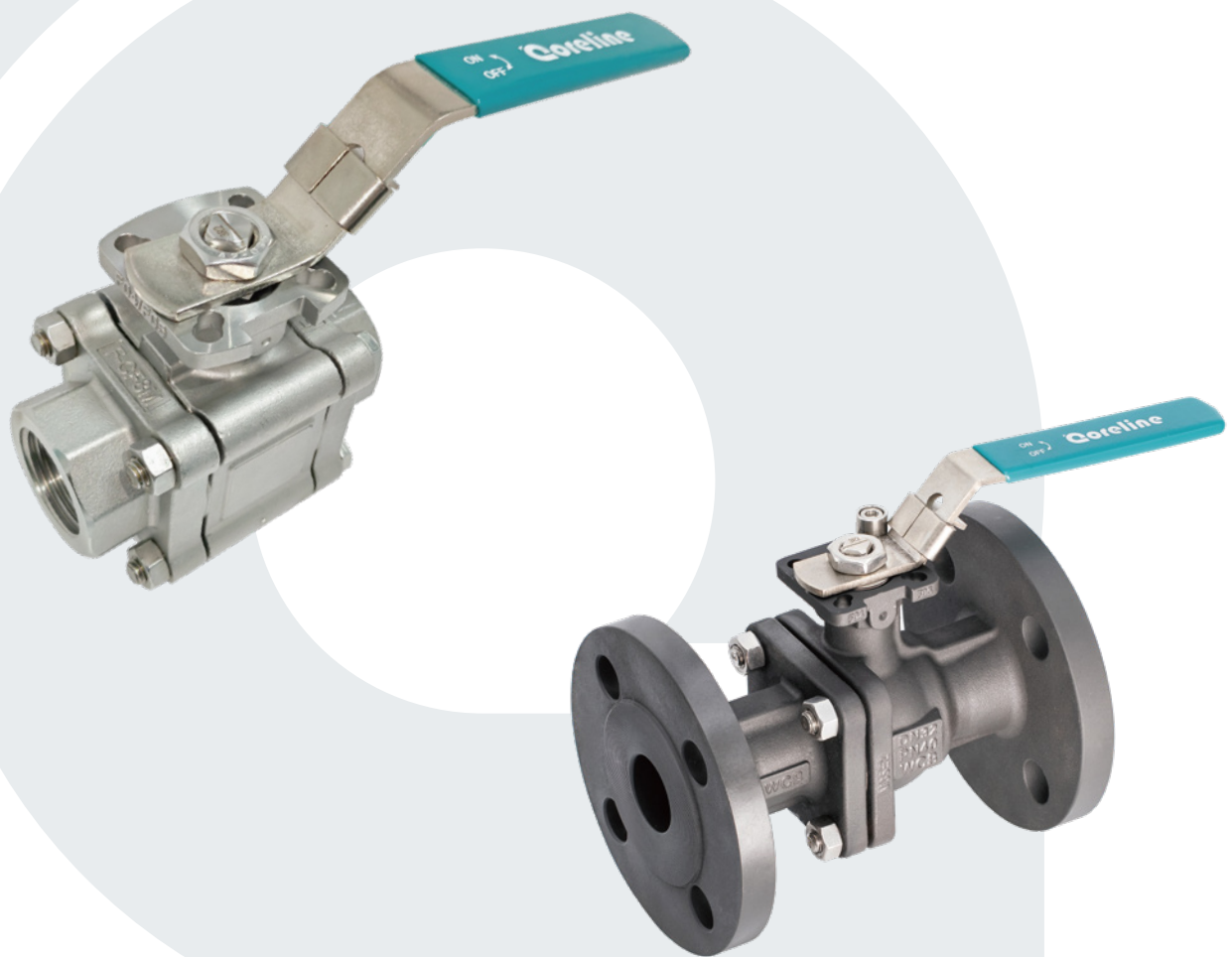


Firesafe Ball Valve

2pc
3pc



General specifications

General specifications - 3pc

Model:	3pc firesafe
Approval:	API607/ISO10497 firesafe
Connection:	Thread ends NPT, BPSS Socket welded ends ASME B16.11
Size range:	1/4" - 4" or DN8 - DN100
Rating:	1/4" - 2" FB: 1500psi 2 1/2" - 4" FB: 1000psi
Bore:	Full bore, reduce bore
Top flange:	ISO5211
Body material:	Carbon steel, stainless steel 316
Ball/stem material:	Stainless steel 316
Sealing material:	PTFE, RPTFE, PTFE+25%C



General specifications - 2pc

Model:	2pc firesafe
Approval:	API607 firesafe
Connection/rating:	Flanged ends - ANSI150/300, PN16/40
Size range:	1/2" - 4" or DN15 - DN100
Top flange:	ISO5211
Body material:	Carbon steel, stainless steel 316
Ball/stem material:	Stainless steel 316
Sealing material	PTFE, RPTFE, PTFE+25%C



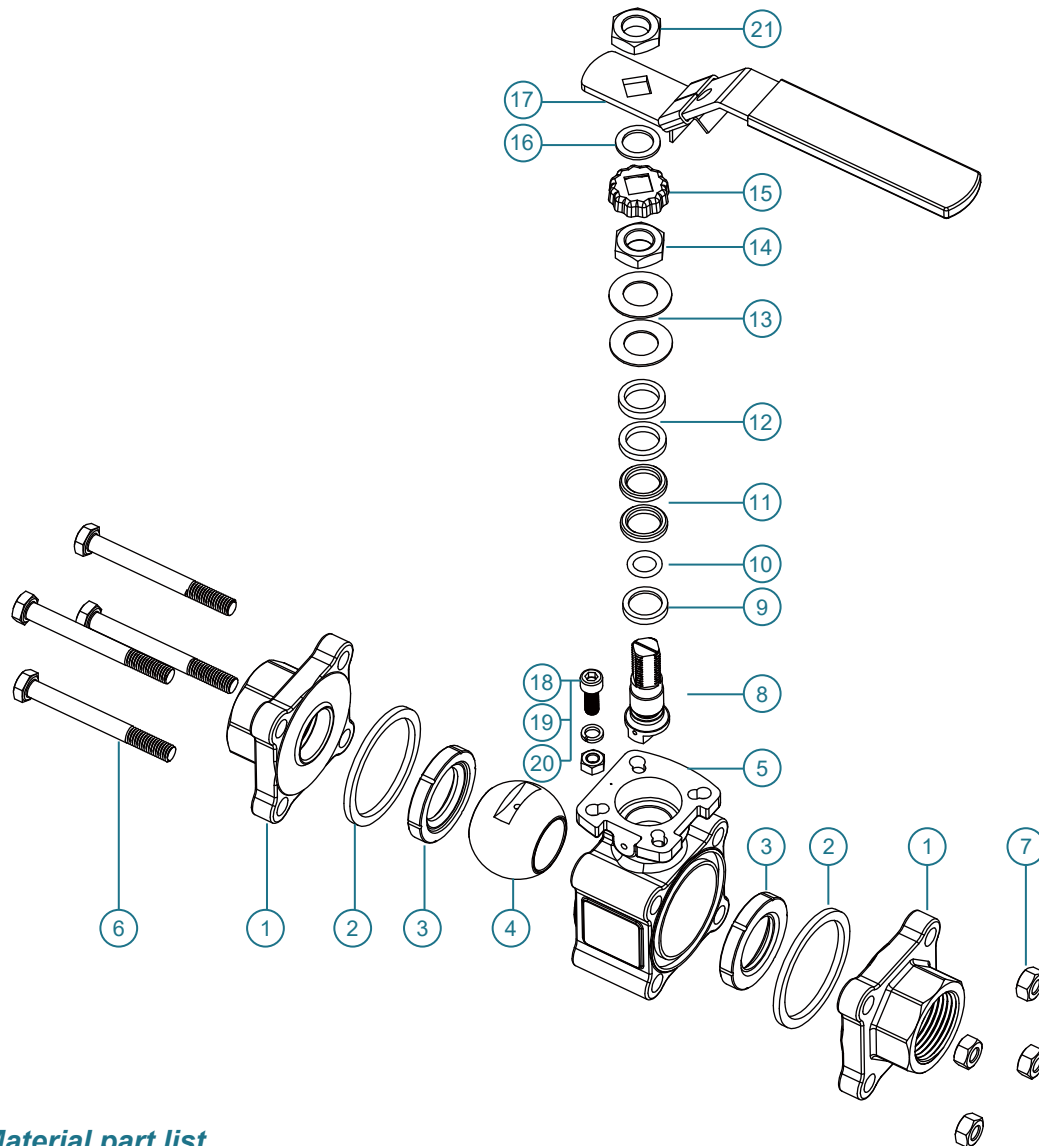
**API607
Firesafe**

**ISO10497
Firesafe**



SIL3

Material part list - 3pc



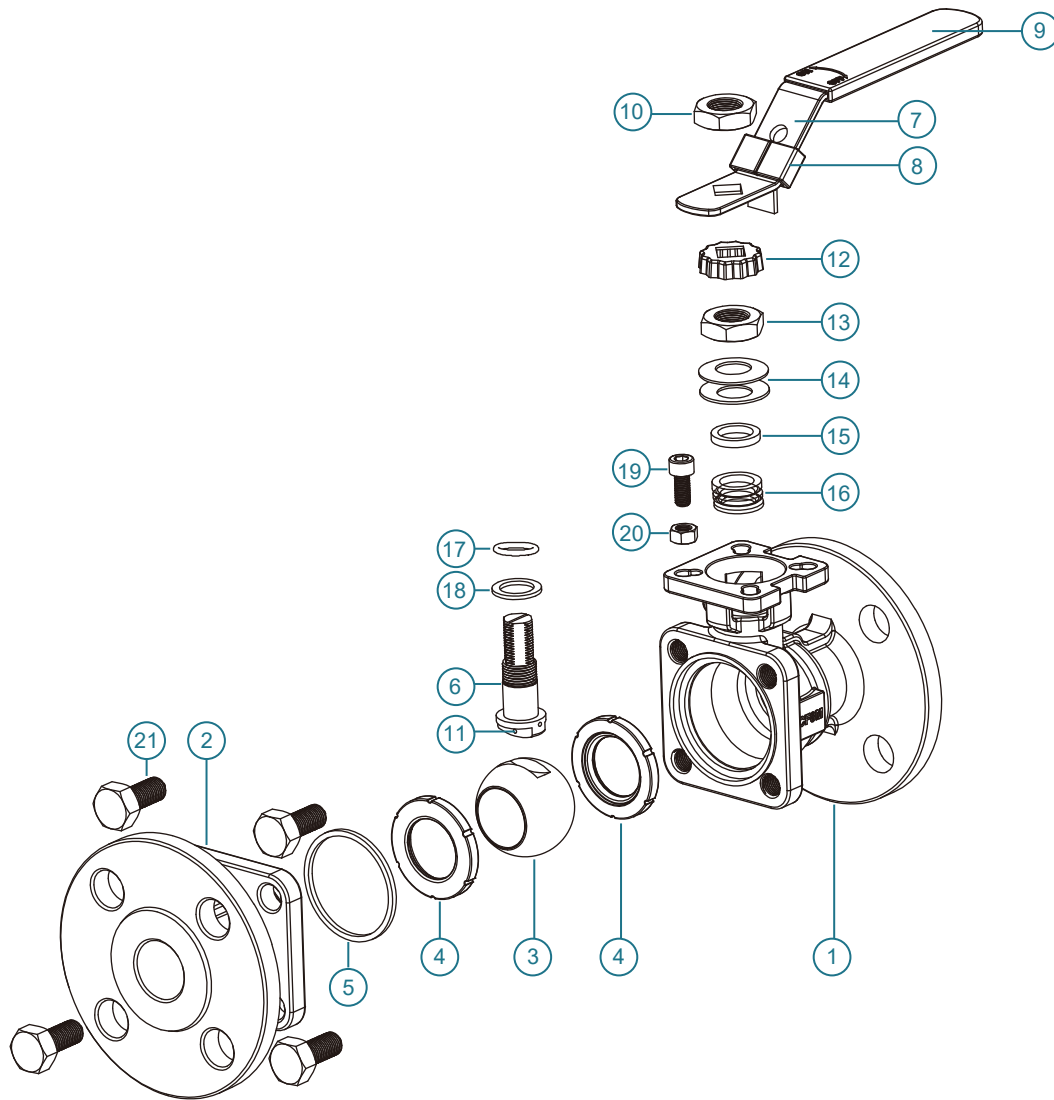
Material part list

No.	Part name	Material	Specification	No.	Part name	Material	Specification
1	End cap	Stainless steel	A351 CF8M, CF3M ¹⁾	10	O-ring	Viton B ²⁾	-
		Carbon steel	A216 WCB	11	Stem packing	Graphite	-
2	Body gasket	SS316+Graphite	-	12	Packing gland	Stainless steel	SS304
3	Seat	PTFE+25%C, PTFE, RPTFE	-	13	Belleville washer	Stainless steel	SS301
4	Ball	Stainless steel	SS316	14	Nut	Stainless steel	SS304
5	Body	Stainless steel	A351 CF8M	15	Stop lock cap	Stainless steel	SS304
		Carbon steel	A216 WCB	16	Washer	Stainless steel	SS304
6	Bolt	Stainless steel	SS304	17	Handle	Stainless steel	SS304
7	Nut	Stainless steel	SS304	18	Stop bolt	Stainless steel	SS304
8	Stem	Stainless steel	SS316	19	Washer	Stainless steel	SS304
9	Stem washer	Same as seat	-	20/21	Nut	Stainless steel	SS304

1) CF3M for CF8M ball valves with weld ends connection.

2) High temperature Viton O-ring.

Material part list - 2pc

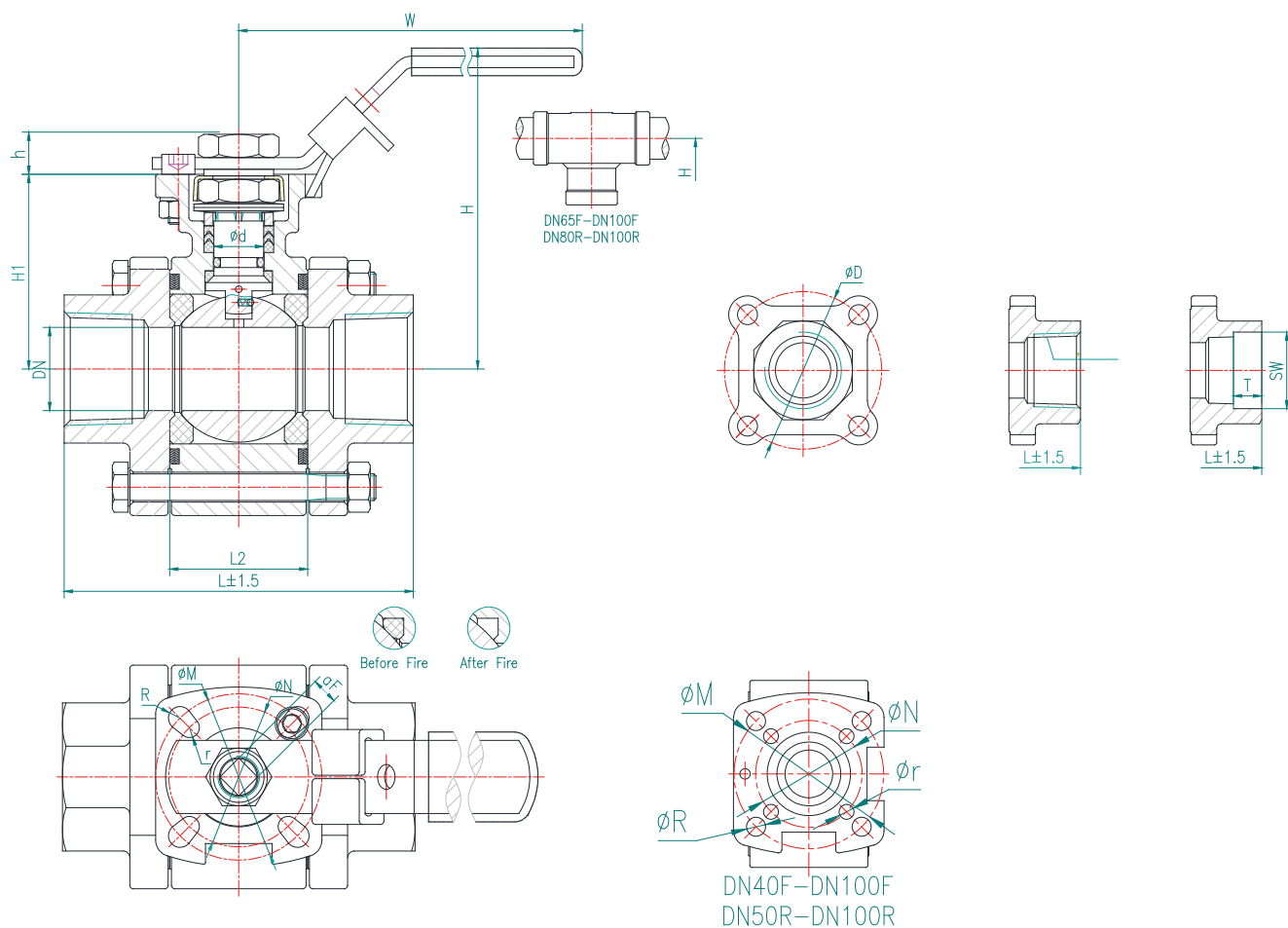


Material part list

No.	Part name	Material	No.	Part name	Material
1	Body	A351 CF8M	9	Handle sleeve	Vinyl
		A351 CF8	10	Nut	SS304
		A216 WCB	11	Anti-static device	SS316
2	Cap	A351 CF8M	12	Lock cap	SS304
		A351 CF8	13	Nut	SS304
		A216 WCB	14	Belleville washer	SS304
3	Ball	SS316	15	Gland	SS304
		SS304	16	Packing	Graphite
4	Seat	PTFE, RPTFE, PTFE + 25%C	17	O-ring	Viton B
5	Gasket	SS316 + Graphite	18	Stem sealing	Same as seat
6	Stem	SS316	19	Stop bolt	SS304
		SS304	20	Nut	SS304
7	Handle	SS304	21	Body bolt	SS304
8	Locking device	SS304			

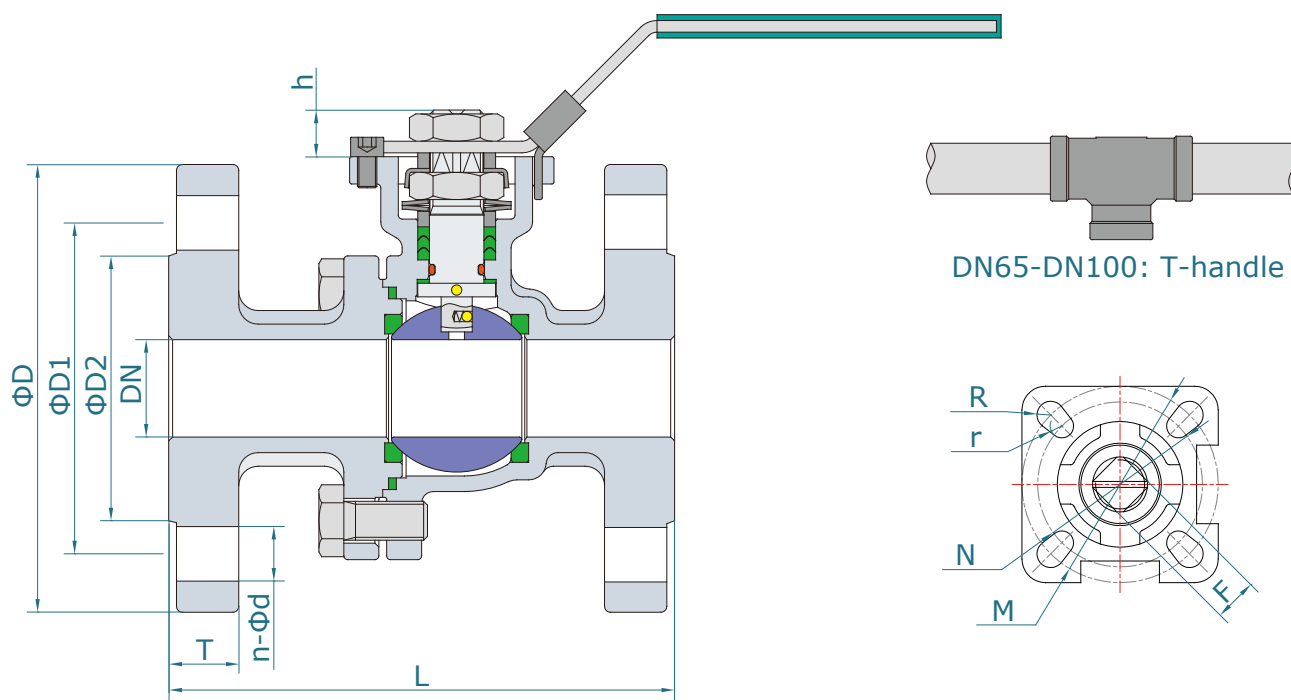
*) Please contact Coreline for special requirements.

Dimensions - 3pc



SIZE	DN	L	L2	d	D	F	H	H1	h	W	SW	T	M	N	R	r
DN8F	10	70	25	12	54	9	73	42.5	8	134	14.6	9.5	42	36	3	3
DN10F	12	70	25	12	54	9	73	42.5	8	134	18	9.5	42	36	3	3
DN15R																
DN15F	15	75	25	12	54	9	73	42.5	8	134	22.2	9.5	42	36	3	3
DN20R																
DN20F	20	85	31.5	12	62.5	9	77.5	46.5	8	134	27.6	12.5	42	36	3	3
DN25R																
DN25F	25	105	41.5	15	71	11	96	58.5	12	165	34.3	12.5	50	42	3.5	3
DN32R																
DN32F	32	111	48.5	15	80	11	100	62.5	12	165	43.1	12.5	50	42	3.5	3
DN40R																
DN40F	38	127	56.3	22	94	14	125	78	15	215	49.2	12.5	70	50	4.5	4
DN50R																
DN50F	50	145	71.5	22	112.5	14	135	88	15	215	61.7	16	70	50	4.5	4
DN65R																
DN65F	65	185	86.5	25	139	17	148	109	19	300	74.4	16	102	70	6	5
DN80R																
DN80F	80	205	100	25	162	17	155	117.5	19	370	90.3	16	102	70	6	5
DN100R																
DN100F	100	240	127	25	193	17	171	133.5	19	500	15.7	19	102	70	6	5

Dimensions - 2pc



Dimensions

INCH	DN	PN16/40	PN16					PN40					ANSI150					
		L	D	D1	D2	T	n- ϕd	D	D1	D2	T	n- ϕd	L	D	D1	D2	T	n- ϕd
1/2"	15	115	-	-	-	-	-	95	65	45	16	4- $\phi 14$	108	90	60.5	35	10	4-16
3/4"	20	120	-	-	-	-	-	105	75	58	18	4- $\phi 14$	117	100	70	43	11	4-16
1"	25	125	-	-	-	-	-	115	88	68	18	4- $\phi 14$	127	110	79.5	51	12	4-16
1 1/4"	32	130	-	-	-	-	-	140	100	78	18	4- $\phi 18$	140	115	89	63.5	13	4-16
1 1/2"	40	140	-	-	-	-	-	150	110	85	18	4- $\phi 18$	165	125	98.5	73	15	4-16
2"	50	150	-	-	-	-	-	165	125	102	20	4- $\phi 18$	178	150	120.5	92	16	4-19
2 1/2"	65	170	185	145	122	18	4- $\phi 18$	185	145	122	22	8- $\phi 18$	190	180	140	105	18	4-19
3"	80	180	200	160	138	20	8- $\phi 18$	200	160	138	24	8- $\phi 18$	203	190	152.5	127	19	4-19
4"	100	190	220	180	158	20	8- $\phi 18$	235	190	162	24	8- $\phi 22$	229	230	190.5	157	24	8-19

*) DN15-DN50: PN16 and PN40 shares the same dimensions.

Top flange connection

SIZE		PN16							PN40							ANSI150						
INCH	DN	ISO5211	N	r	M	R	F	h	ISO5211	N	r	M	R	F	h	ISO5211	N	r	M	R	F	h
1/2"	15	-	-	-	-	-	-	-	F03+F04	36	3	42	3	9	10	F03+F04	36	3	42	3	9	10
3/4"	20	-	-	-	-	-	-	-	F03+F04	36	3	42	3	9	10	F03+F04	36	3	42	3	9	10
1"	25	-	-	-	-	-	-	-	F04+F05	42	3	50	3.5	11	12	F04+F05	42	3	50	3	11	12
1 1/4"	32	-	-	-	-	-	-	-	F04+F05	42	3	50	3.5	11	12	F04+F05	42	3	50	3	11	12
1 1/2"	40	-	-	-	-	-	-	-	F05+F07	50	4	70	4.5	14	15	F05+F07	50	4	70	4.5	14	15
2"	50	-	-	-	-	-	-	-	F05+F07	50	4	70	4.5	14	15	F05+F07	50	4	70	4.5	14	15
2 1/2"	65	F05+F07	50	4.5	70	7	14	15	F07+F10	70	5	102	6	17	18	F05+F07	50	4	70	4.5	14	15
3"	80	F07+F10	70	6	102	9	17	18	F07+F10	70	5	102	6	17	18	F07+F10	70	5	102	6	17	18
4"	100	F07+F10	70	6	102	9	17	18	F10+F12	102	6	125	7	22	23	F07+F10	70	5	102	6	17	18

*) DN15-DN50: PN16 and PN40 shares the same dimensions.