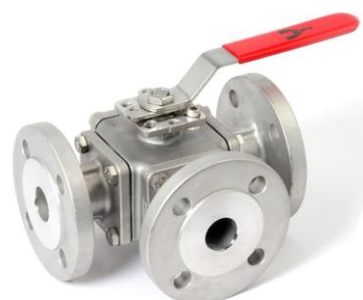




EPI Ball Valves



- ✚ EPI Stainless-Steel Manual Ball Valves **2 parts**
- ✚ EPI Stainless-Steel Ball Valves with ISO mounting plate **2 parts**
- ✚ EPI Stainless-Steel Manual Ball Valves **3 parts**
- ✚ EPI Stainless-Steel Ball Valves with ISO mounting plate **3 parts**
- ✚ EPI Stainless-Steel And Steel Compact Ball Valves
- ✚ EPI Stainless-Steel Multi-Port Ball Valves



EPI Ball Valves

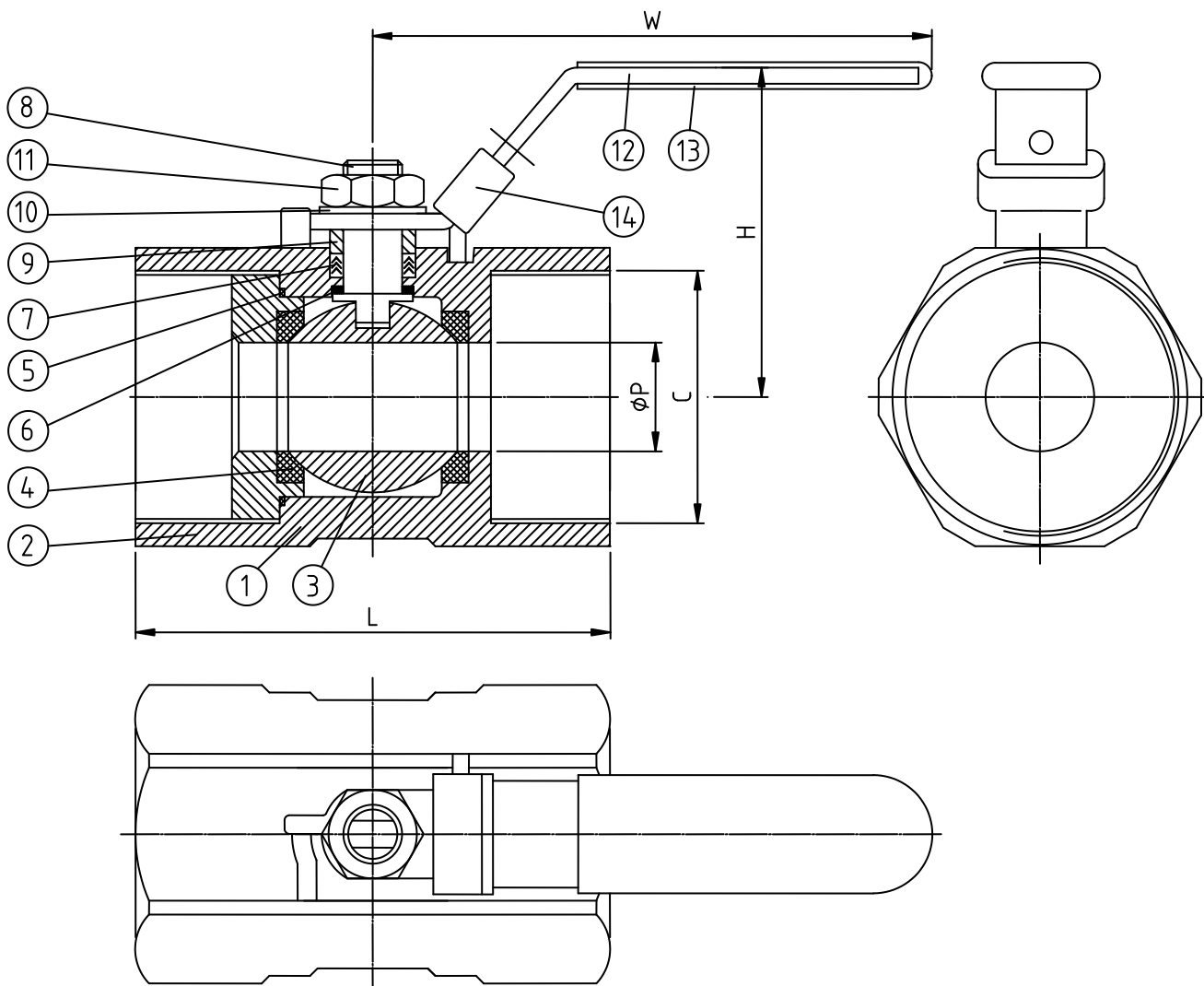
EPI Stainless-Steel Manual Ball Valves 2 parts - Type VL



Stainless-Steel Valve Type VL-201



Mono block, thread end , reduced opening
PN 63 DN 8-50



Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	1	1.4408
3	Ball	1	1.4401
4	Ball seal	2	PTFE
5	Housing seal	1	PTFE
6	Clamping ring	1	PTFE
7	Operating shaft seal	1 kit	PTFE
8	Operating shaft	1	1.4401
9	Stuffing box	1	1.4301
10	Washer	1	1.4301
11	Nut	1	1.4301
12	Handle	1	1.4301
13	Handle coating	1	Plastic
14	locking device	1	1.4301 (optional)

Dimensions, Weight

DN	C	ØP	L	H	W	G (kg)
8	1/4"	5	39	32,5	70	0,065
10	3/8"	7	44	34,5	70	0,1
15	1/2"	9,2	56,5	43,5	90	0,15
20	3/4"	12,5	58	47	90	0,3
25	1"	16	71	55	110	0,4
32	1 1/4"	20	78	60,5	110	0,7
40	1 1/2"	25,4	83	74,5	140	0,8
50	2"	32	100	80,5	140	1,3

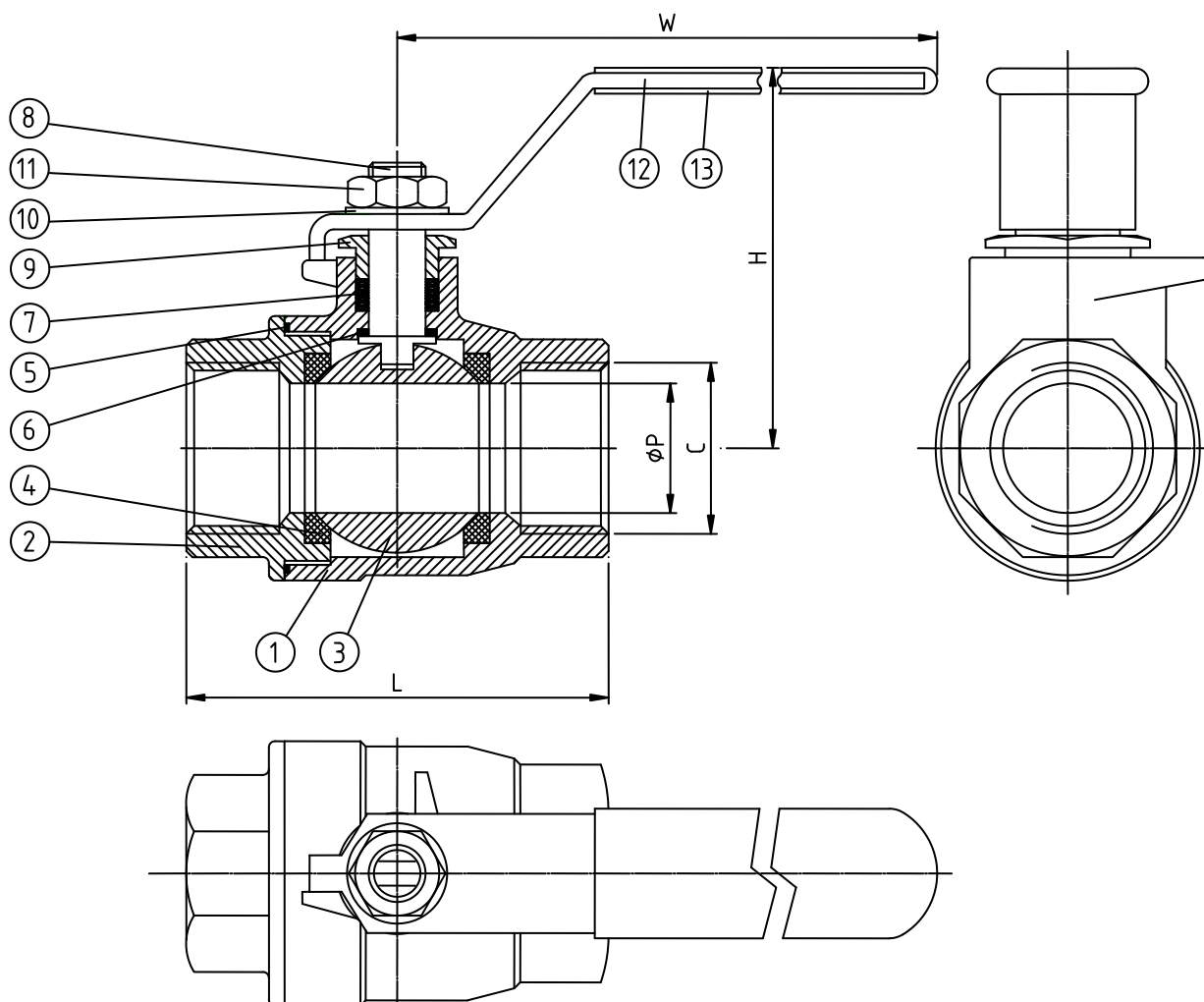
Thread according to DIN 2999

Temperature: -10°C à +200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-401



2 parts, thread end , full opening
PN 63 DN 8-80



Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	1	1.4408
3	Ball	1	1.4401
4	Ball seal	2	PTFE
5	Housing seal	1	PTFE
6	Clamping ring	1	PTFE
7	Operating shaft seal	1 kit	PTFE
8	Operating shaft	1	1.4401
9	Stuffing box	1	1.4301
10	Washer	1	1.4301
11	Nut	1	1.4301
12	Handle	1	1.4301
13	Handle Coating	1	Plastic

Dimensions, Weight

DN	C	ØP	L	H	W	G (kg)
8	1/4"	11,6	54	50	97,5	0,25
10	3/8"	12,7	54	50	97,5	0,25
15	1/2"	16	68	53	125,5	0,4
20	3/4"	20	76	64	125,5	0,5
25	1"	25	88	66	143,5	0,9
32	1 1/4"	32	98	79	143,5	1,6
40	1 1/2"	38,1	120	83	203,5	2,3
50	2"	50,8	134	94	203,5	3,6
65	2 1/2"	65	164	136	250	7,2
80	3"	80	181	149	250	10,8

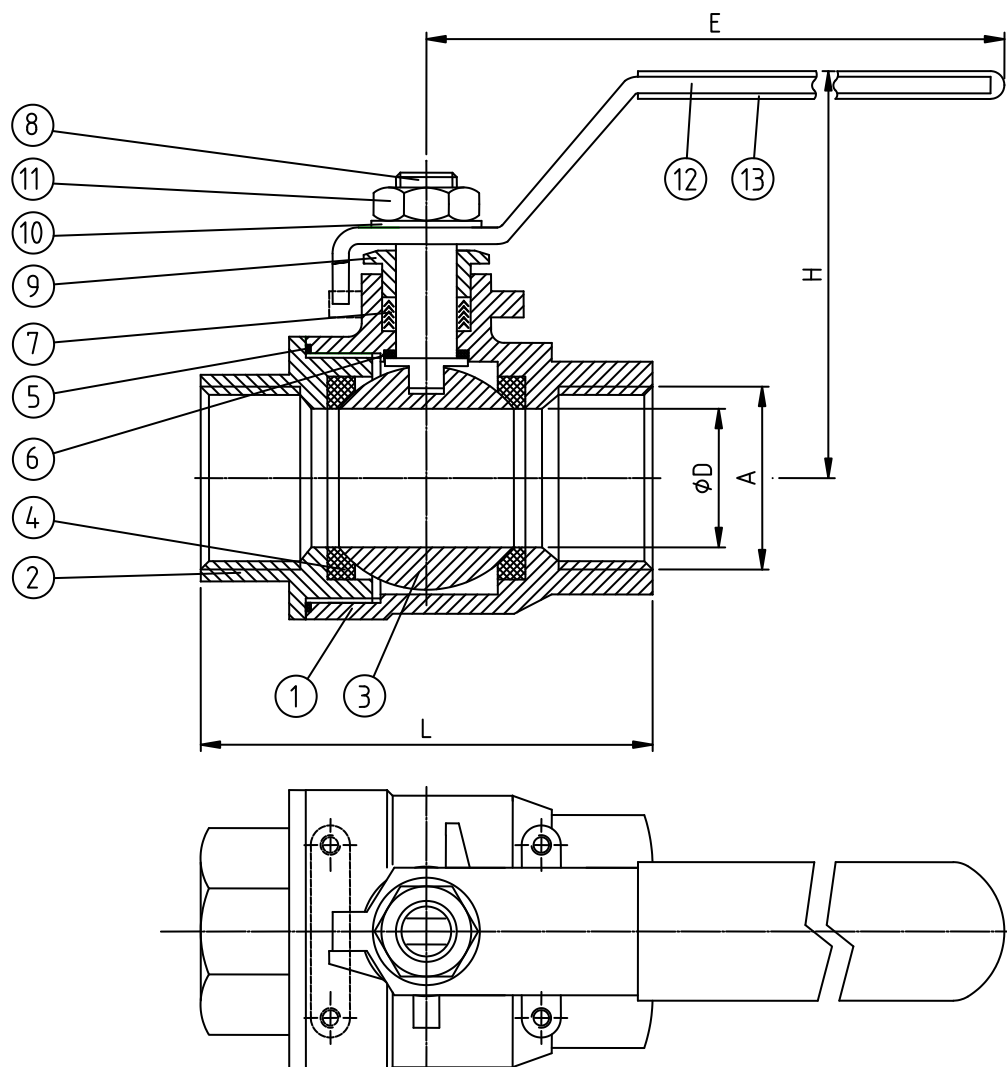
Thread according to DIN 2999

Temperature: -10°C à +200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-402



2 parts, thread end , full opening
PN 100 DN 8-50



Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	1	1.4408
3	Ball	1	1.4401
4	Ball seal	2	PTFE
5	Housing seal	1	PTFE
6	Clamping ring	1	PTFE
7	Operating shaft seal	1 kit	PTFE
8	Operating shaft	1	1.4401
9	Stuffing box	1	1.4301
10	Washer	1	1.4301
11	Nut	1	1.4301
12	Handle	1	1.4301
13	Handle Coating	1	Plastic

Dimensions, Weight

DN	A	ØD	L	H	E	G (kg)
8	1/4"	11,6	55	50	96	0,25
10	3/8"	12,7	60	50	96	0,25
15	1/2"	15	75	53	96	0,4
20	3/4"	20	80	64	125	0,5
25	1"	25	90	66	125	0,9
32	1 1/4"	32	110	79	170	1,6
40	1 1/2"	38	120	83	170	2,3
50	2"	50	140	94	190	3,6

Length according to DIN 3202 M3

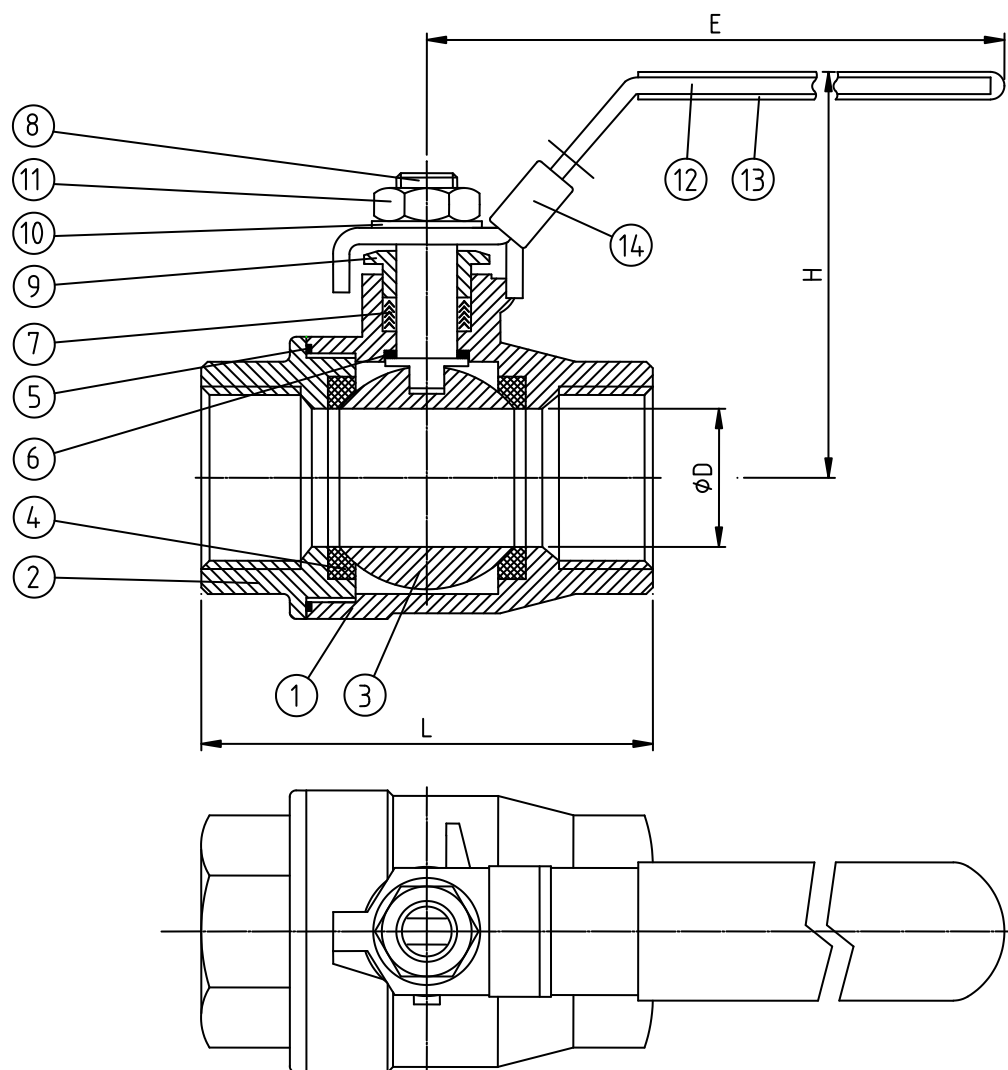
Threads according to DIN 2999

Temperature: -10°C à +200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-451



2 parts, thread end , full opening
PN 63 DN 8-50 (1/4" – 2")



Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	1	1.4408
3	Ball	1	1.4401
4	Ball seal	2	PTFE
5	Housing seal	1	PTFE
6	Clamping ring	1	PTFE
7	Operating shaft seal	1 kit	PTFE
8	Operating shaft	1	1.4401
9	Gland	1	1.4301
10	Washer	1	1.4301
11	Nut	1	1.4301
12	Handle	1	1.4301
13	Handle Coating	1	Plastic
14	Locking device	1	1.4301 (Option)

Dimensions, Weight

DN	ØD	E	H	L	G (kg)
8	1/4"	11,6	100	51	0,23
10	3/8"	12,5	100	51	0,23
15	1/2"	15	100	49	0,28
20	3/4"	20	120	58	0,44
25	1"	25	150	68	0,68
32	1 1/4"	32	150	73	1,06
40	1 1/2"	38	164	87	1,62
50	2"	50	164	95	2,52

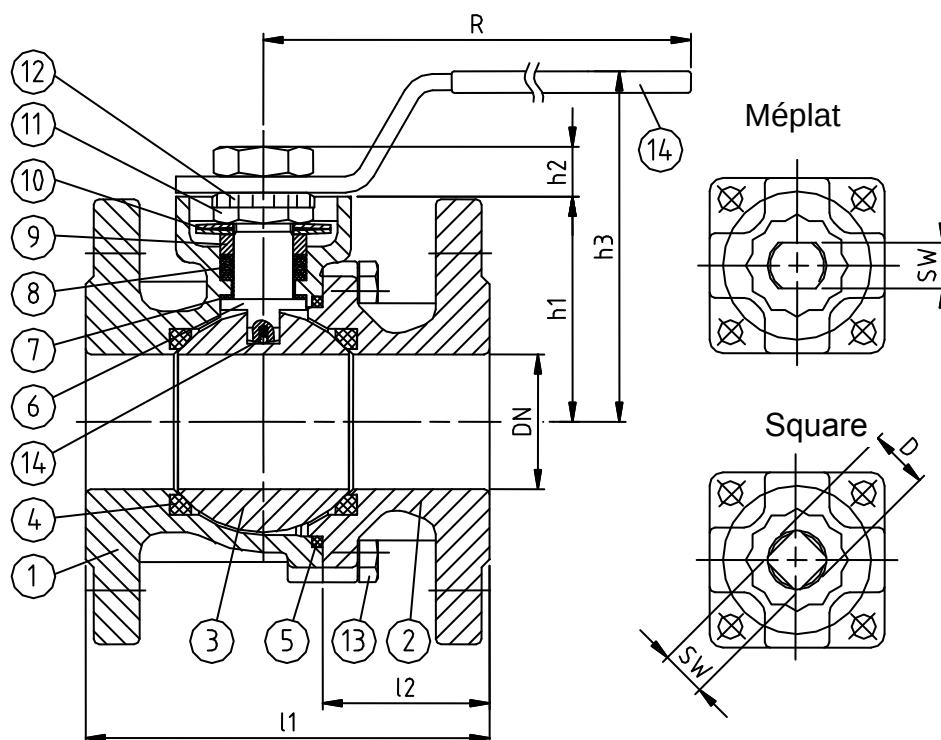
Thread according to DIN 2999
Temperature: -10°C à +200°C
(See pressure-temperature diagram)

OPUS Valve

Type VL-816 / VL-840



2 parts, flanged, full opening
PN 16 / 40 DN 15-100

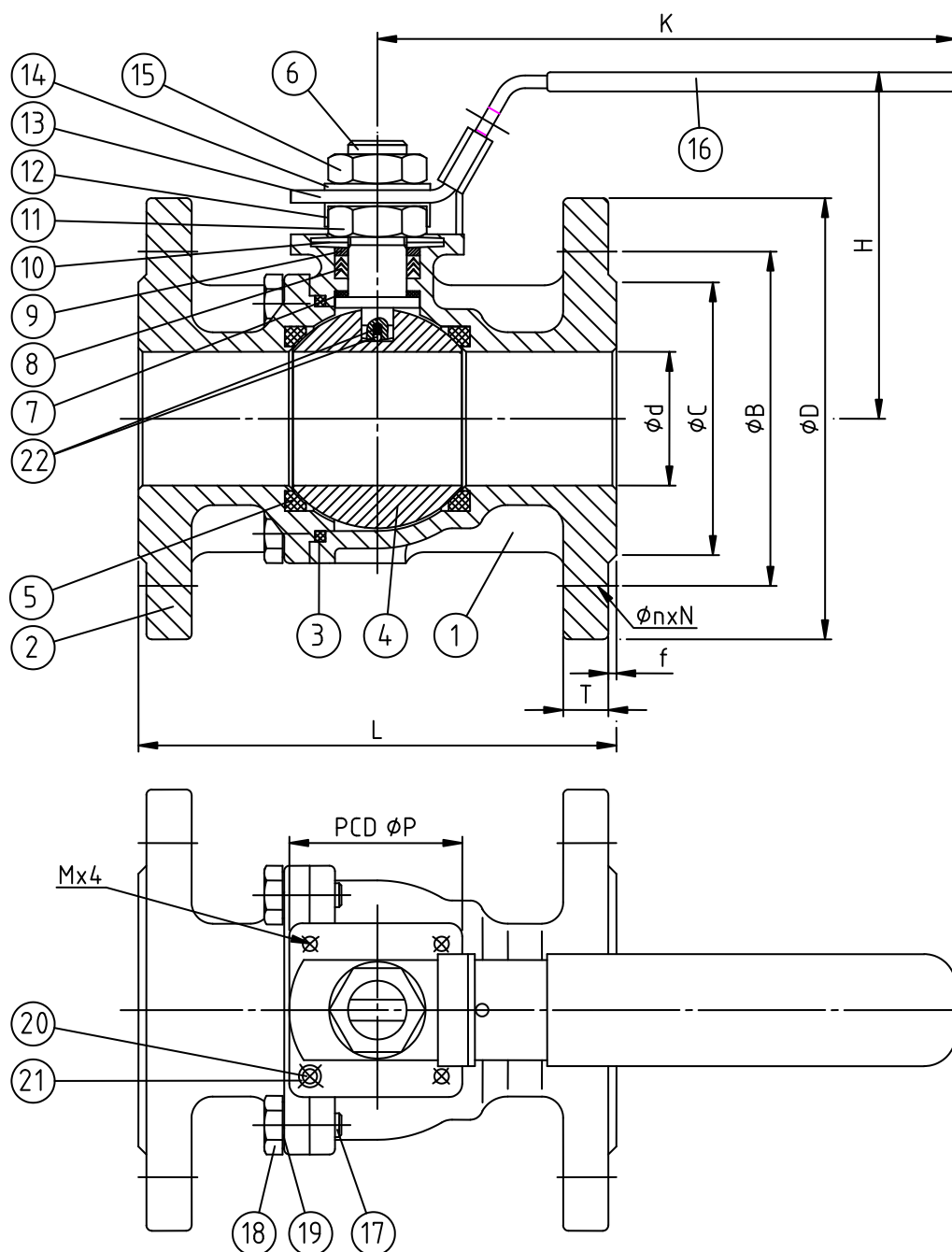


Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	Body part	1	1.4408
3	Ball	1	1.4401/1.4408
4	Seat	2	PTFE Consolidated
5	Housing seal	1	PTFE
6	Stem	1	1.4401
7	Bearing	1	PTFE Consolidated
8	Set of V-rings	1	PTFE/PTFE conductible
9	Clamping ring	1	1.4401
10	Washers	2	1.4310
11	Nut	1	A2-70
12	Nut brake	1	1.4301
13	Hex Head Screw		A4-A70
14	Anti-static-Ball	1	1.4401
15	Handle	1	1.4301

Stainless-Steel Valve Type VL-851



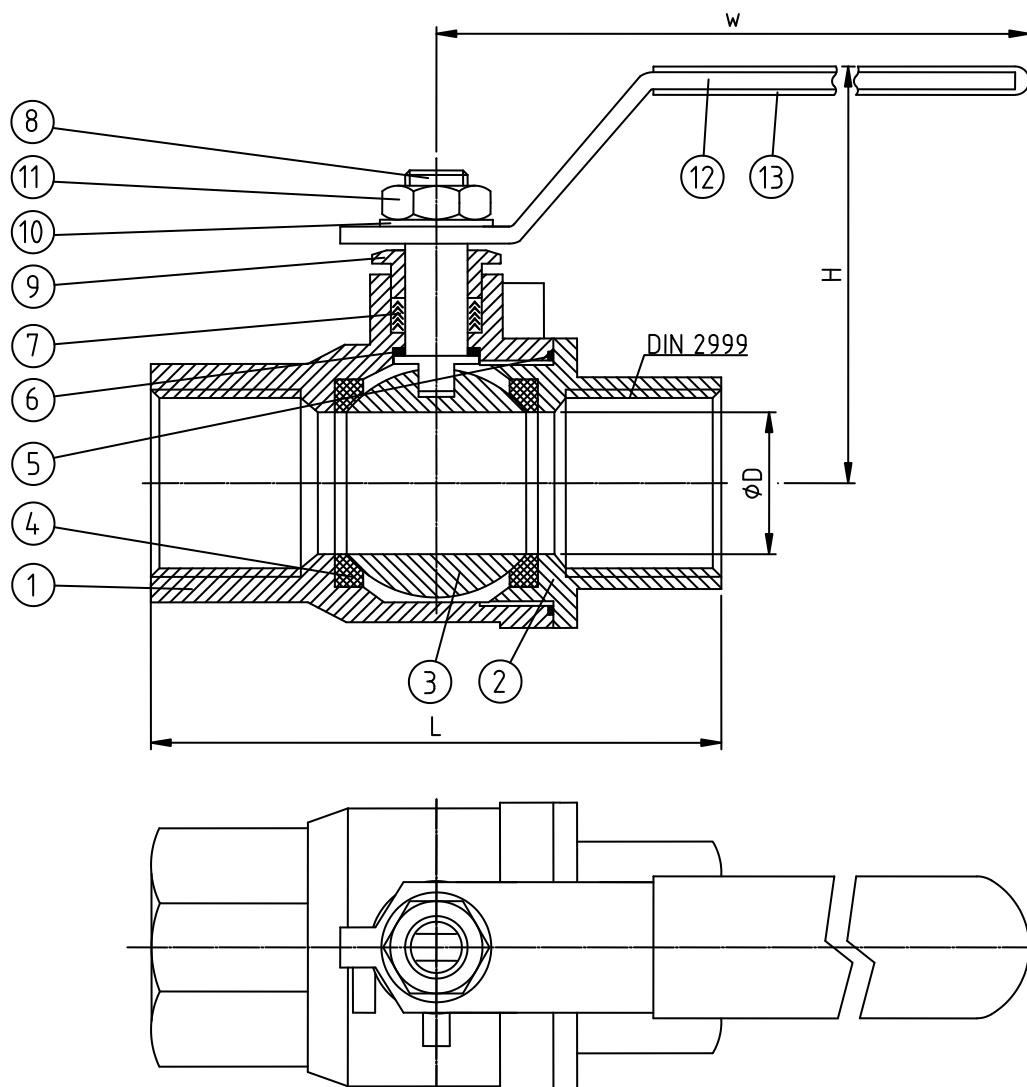
Valve 2 parts flanged, short series (F4), full opening
PN 40 / DN 15-50, PN 16 / DN 65-100



Stainless-Steel Valve Typ VL-K401 M3



2 parts, thread end , full opening
PN 63 DN 8 (1/4") – DN 50 (2")



Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	1	1.4408
3	Ball	1	1.4401
4	Seat	2	PTFE
5	Housing seal	1	PTFE
6	Clamping ring	1	PTFE
7	Operating shaft seal	1 kit	PTFE
8	Operating shaft	1	1.4401
9	Gland	1	1.4301
10	Washer	1	1.4301
11	Nut	1	1.4301
12	Handle	1	1.4301
13	Handle Coating	1	Plastic

Dimensions				
DN	ØD	L	H	W
8	11,5	50	57	96
10	12,5	60	57	96
15	15,0	75	57	96
20	20,0	80	63	110
25	25,4	90	70	113
32	32,0	110	75	132
40	38,0	120	93	156
50	50,0	140	100	156

Threads according to DIN 2999

Length according to DIN 3202 M3
Temperature: -10°C à +200°C
 (See pressure-temperature diagram)

Vanne en inox

Type VL-851



Valve 2 parts flanged, short series (F4), full opening
PN 40 / DN 15-50, PN 16 / DN 65-100

Dimensions (mm)

DN	Ød	ØB	ØC	ØD	E	ØF	H	K	L	T	f	Øn	N	M	ØP
15	15	65	45	95	8	12	72	145	115	16	2	14	4	5	42/F04
20	20	75	58	105	8	12	74	145	120	18	2	14	4	5	42/F04
25	25	85	68	115	8,7	14	81	178	125	18	2	14	4	6	50/F05
32	32	100	78	140	8,7	14	87	178	130	18	2	18	4	6	50/F05
40	38	110	88	150	15	22	126	255	140	18	3	18	4	8	70/F07
50	50	125	102	165	15	22	136	255	150	20	3	18	4	8	70/F07
65	65	145	122	185	15	22	155	255	170	18	3	18	4	8	70/F07
80	80	160	138	200	17	25,8	167	350	180	20	3	18	8	10	102/F10
100	100	180	158	220	17	25,8	179	400	190	20	3	18	8	10	102/F10

Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	Body part	1	1.4408
3	Housing Seal	1	PTFE
4	Ball	1	1.4401
5	Seat	2	PTFE
			Consolidated
6	Operating shaft	1	1.4401
7	Clamping ring	1	PTFE
8	Operating shaft seal	2	PTFE
9	Gland	1	1.4301
10	Washer	2	1.4301
11	shaft Nut	1	1.4301
12	Circlips	1	1.4301
13	End piece	1	1.4301
14	Washer	1	1.4301
15	Nut	1	1.4301
16	Handle	1	1.4301
17	Screw	4-8	1.4301
18	Nuts	4-8	1.4301
19	Washer	4-8	1.4301
20	Screw	1	1.4301
21	Washer	1	1.4301
22	Antistatic springs	2	1.4301

Temperature: -10°C à 200°C
(See pressure-temperature diagram)

OPUS Valve

Type VL-816 / VL-840



2 parts, flanged, full opening
PN 16 / 40 DN 15-100

Dimensions (mm)

	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"
DN	15	20	25	32	40	50	65	80	100
I1 F4	115	120	125	130	140	150	170	180	190
I2 F4	48,5	51,5	52	57	59	62	72	71,2	75,5
I1 F1	130	150	160	180	200	230	290	310	350
I2 F1	63,5	81,5	87	107	119	142	192	201,2	235,5
h1	50	53,5	58,5	71	76	83,5	95	113	131
h2 carré	11	11	14	14	17	17	17	22	22
h2 méplat	12	12	15,5	15,5	18,5	18,5	18,5	20,5	20,5
h3	92	95,5	100,5	113	122,5	130	141,5	194,5	212,5
R	180	180	180	180	300	300	300	400	400
ISO 5211	F05	F05	F05	F05	F07	F07	F07	F10	F10
SW square	11	11	14	14	17	17	17	19	19
SW méplat	11	11	14	14	17	17	17	22	22
D	14	14	18	18	22	22	22	26	26

Length according to DIN 3202 F1, F4
 Plate DIN/ISO 5211 integrated for direct mounting of the actuator

Temperature: -10°C à +200°C
 (See pressure-temperature diagram)

EPI Ball Valve

EPI Stainless-Steel Ball Valves with ISO mounting plate 2 parts



OPUS Valve

Type VL-816 / VL-840



2 parts, flanged, full opening
PN 16 / 40 DN 125-200

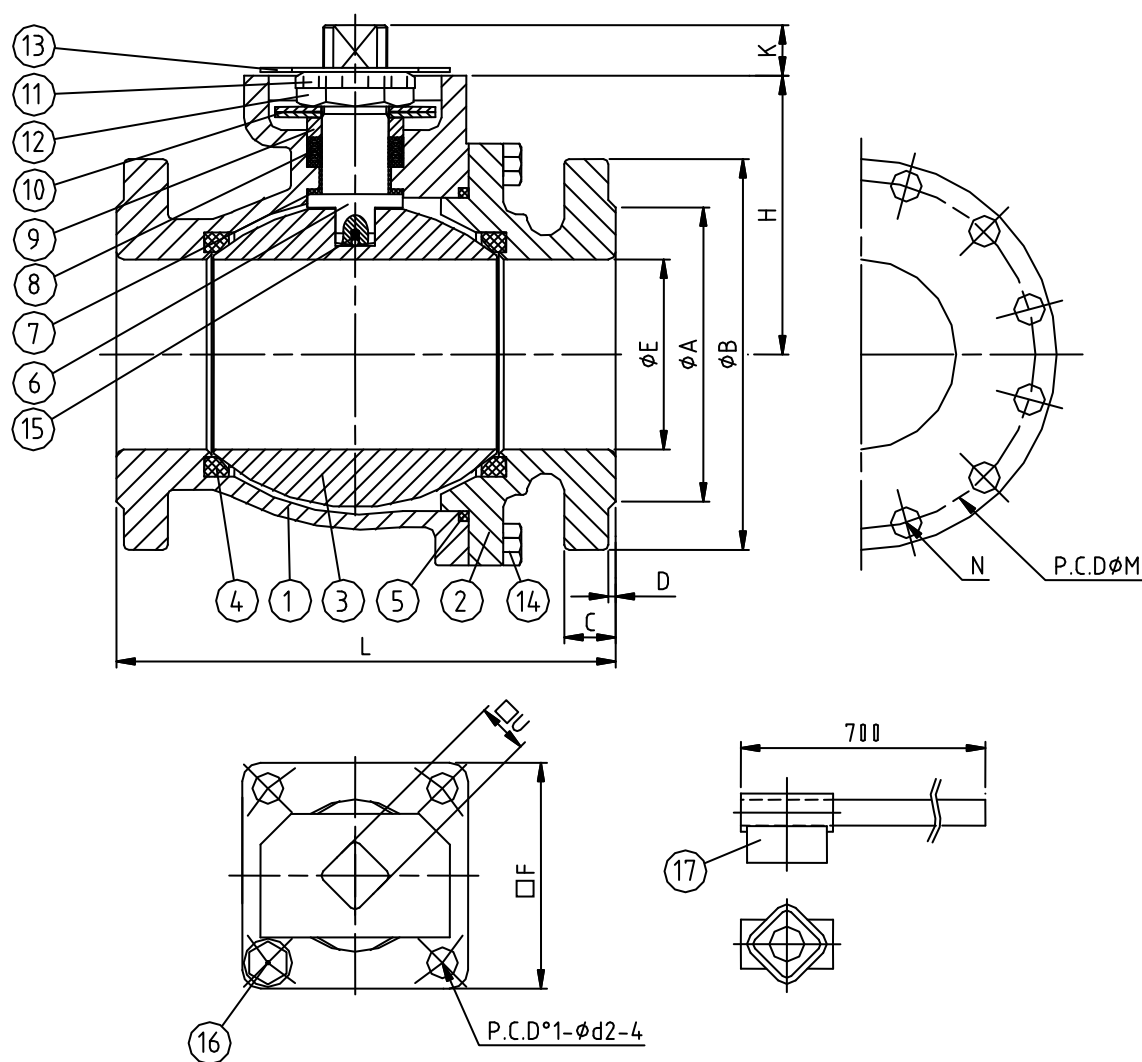


Plate DIN/ISO 5211 integrated for direct mounting of the actuator

Temperature: -10°C à +200°C
(See pressure-temperature diagram)

OPUS Valve

Type VL-816 / VL-840



2 parts, flanged, full opening
PN 16 / 40 DN 125-200

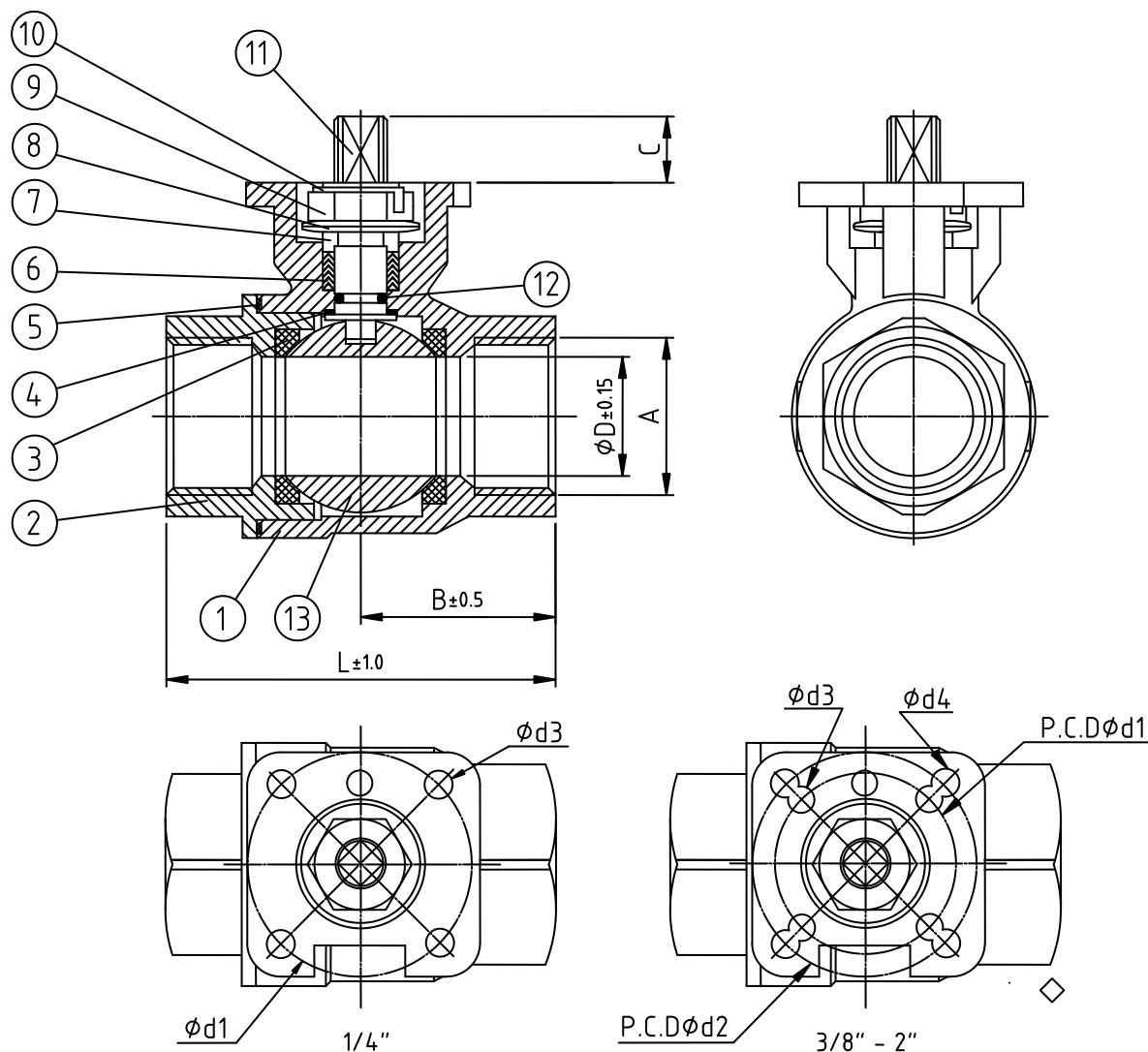
Dimensions (mm)			
	5"	6"	8"
DN	125	150	200
ØA PN16	188	212	268
ØA PN40	188	218	285
ØB PN16	250	285	340
ØB PN40	270	300	375
C PN16	22	22	24
C PN40	26	28	34
D PN16 / PN40	3	3	3
ØM PN16	210	240	295
ØM PN40	220	250	320
K	22	37	37
N PN16	Ø18-8	Ø22-8	Ø22-12
N PN40	Ø26-8	Ø26-8	Ø30-12
L PN16 / PN40	325	350	400
Ød1	102	140	140
Ød2	F10	F14	F14
ØE	125	152	203
□F	90	128	128
H	151,5	217	252
□U	22	36	36

Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	Body Part	1	1.4408
3	Ball	1	1.4401
4	Seat	2	PTFE renforcé
5	Housing Seal	1	PTFE
6	Operating shaft	1	1.4401
7	Clamping Ring	1	PTFE verstärkt
8	Operating shaft Seal	1 kit	PTFE/PTFE conductible
9	Gland	1	1.4301
10	Washer	2	1.4310
11	stop plate	1	1.4301
12	Nut	1	A2-70
13	Cam / End piece	1	1.4308
14	Hex Head Screw		A2-70
15	Anti-static-Ball	1	1.4401
16	End piece	1	A2-70
17	Handle	1	1.4308

Stainless-Steel Valve Type VL-422



2 parts, thread end , full opening
with plate DIN/ISO 5211, shaft output by square
PN 100 DN 8 (1/4") – DN 50 (2")



Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	1	1.4408
3	Seat	2	PTFE
4	Clamping Ring	1	PTFE
5	Housing Seal	1	PTFE
6	Operating shaft Seal	2	PTFE
7	Nut	1	1.4401
8	Gland	2	1.4301
9	Washer	2	1.4301
10	Nut	1	1.4301
11	Circlips	1	1.4301
12	Operating shaft	1	1.4401
13	O-Ring Seal	1	Viton
13	Ball	1	1.4401

Dimensions (mm),											
A	ØD	B	L	□U	Ød1	Ød2	Ød3	Ød4	ISO 5211	C	
1/4"	11,6	24,95	50	9	36	---	5,5	---	F03	7	
3/8"	12,7	30	60	9	36	42	5,5	5,5	F03.F04	7	
1/2"	15	37,5	75	9	36	42	5,5	5,5	F03.F04	7,5	
3/4"	20	40,3	80	11	42	50	5,5	6,5	F04.F05	12	
1"	25	45,5	90	11	42	50	5,5	6,5	F04.F05	12	
1 1/4"	31,8	55	110	11	42	50	5,5	6,5	F04.F05	11,5	
1 1/2"	38	60,4	120	11	42	50	5,5	6,5	F04.F05	12	
2"	50,8	69,9	140	14	50	70	6,5	8,5	F05.F07	15,5	

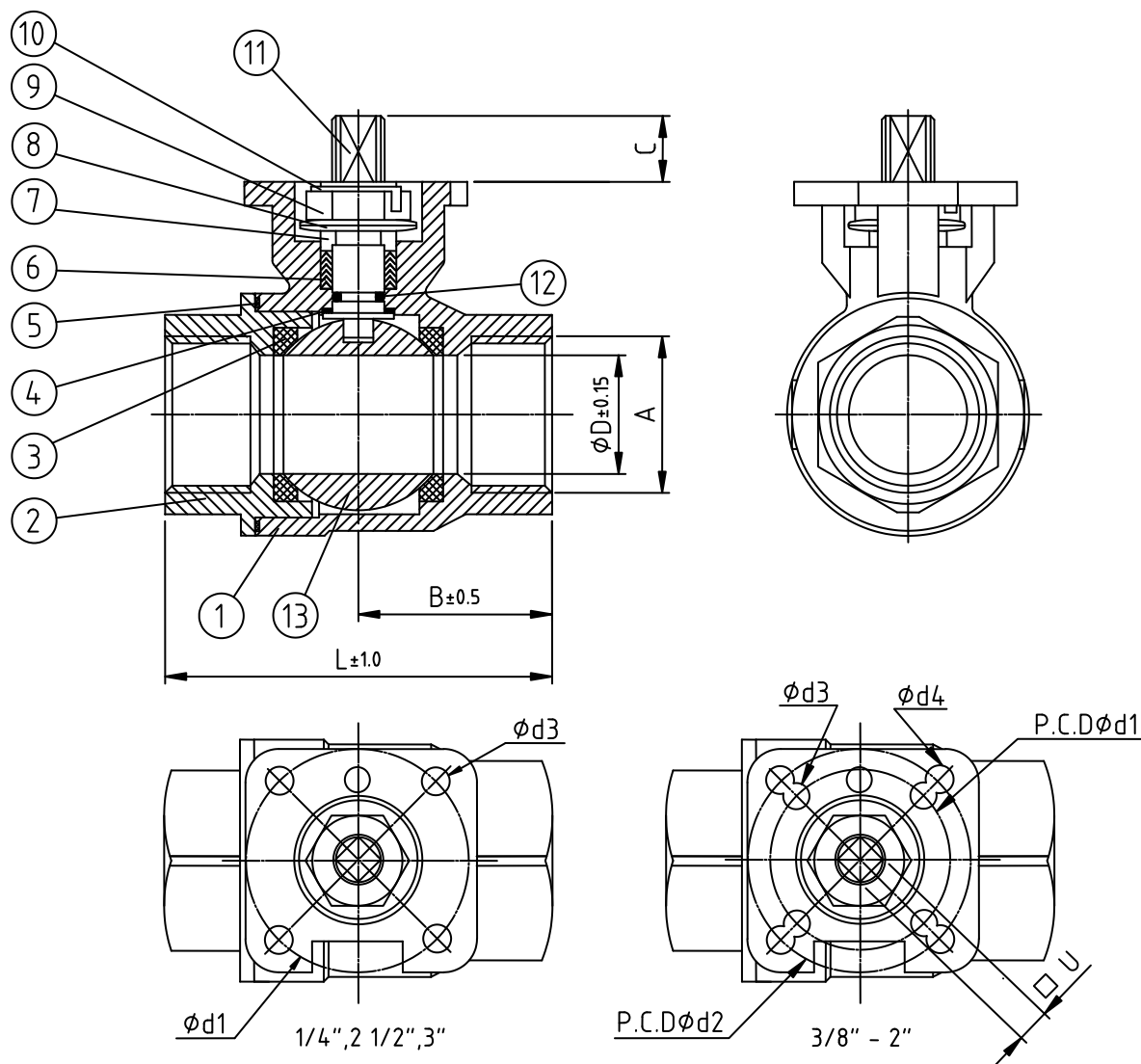
Length according to DIN 3202 M3
Threads according to DIN 2999

Temperature: -10°C à +200°
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-421



2 parts, thread end , full opening
with DIN / ISO 5211 base, axle output by square
PN 63 DN 8 (1/4") – DN 80 (3")



Pos	Nomenclature	Quantity	Materials	Dimensions (mm),										
				A	ØD	B	L	□U	Ød1	Ød2	Ød3	Ød4	ISO 5211	C
1	Housing	1	1.4408											
2	End piece	1	1.4408											
3	Seat	2	PTFE	1/4"	11,6	24,55	50,9	9	36	---	5,5	---	F03	7
4	Clamping ring	1	PTFE	3/8"	12,7	24,55	50,9	9	36	42	5,5	5,5	F03.F04	7
5	Housing seal	1	PTFE	1/2"	15	30,5	62,8	9	36	42	5,5	5,5	F03.F04	7,5
6	Operating shaft Seal	2	PTFE	3/4"	20	32,7	65,4	11	42	50	5,5	6,5	F04.F05	12
7	Gland Nut	1	1.4401	1"	25	37,65	75,2	11	42	50	5,5	6,5	F04.F05	12
8	Washer	2	1.4301	1 1/4"	31,8	43,65	87,3	11	42	50	5,5	6,5	F04.F05	11
9	Nut	1	1.4301	1 1/2"	38	47,4	95	11	42	50	5,5	6,5	F04.F05	12
10	Circlips	1	1.4301	2"	50,8	55,8	111,3	14	50	70	6,5	8,5	F05.F07	15,5
11	Operating shaft	1	1.4401	2 1/2"	65	92,5	149,5	17	70	---	8,5	---	F07	18
12	O-Ring Seal	1	Viton	3"	76	102	164,8	17	70	---	8,5	---	F07	18
13	Ball	1	1.4401											

Threads according to DIN 2999

Temperature -10°C à +200°
(See pressure-temperature diagram)

EPI Ball Valve

EPI Stainless-Steel Manual Ball Valves 3 parts

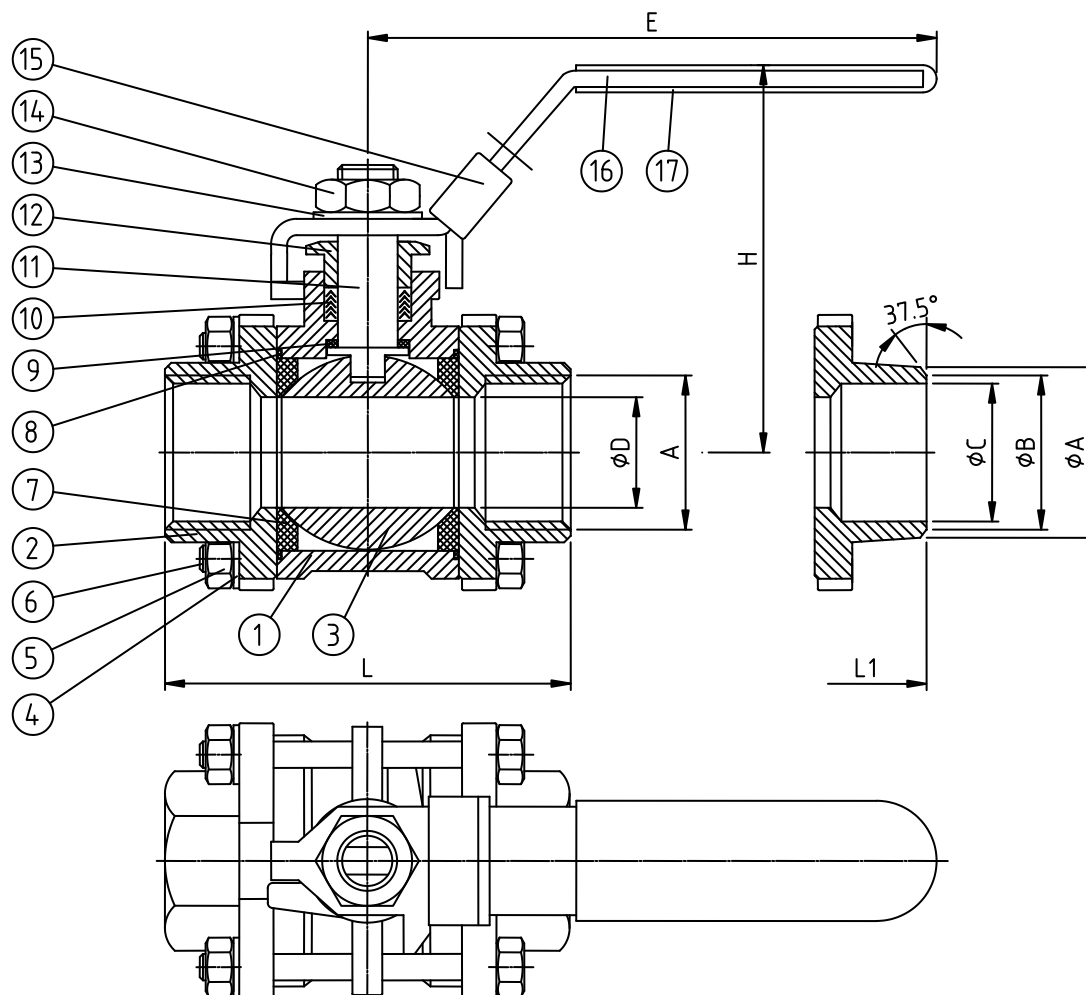


Stainless-Steel Valve Typ VL-551 T/B



3 parts, with hand lever, thread end (T) or welding end (B), full opening

PN 63 DN 8-100 (1/4" – 4")



Pos	Nomenclature	Quantité	Matière
1	Housing	1	1.4408
2	End Piece	2	1.4408
3	Ball	1	1.4401
4	Washer	4	1.4301
5	Nut	4	1.4301
6	Screw	4	1.4301
7	Seat	2	PTFE
8	Housing Seal	2	PTFE
9	Clamping Ring	1	PTFE
10	Operating shaft seal	1 kit	PTFE
11	Operating shaft	1	1.4401
12	Stuffing box	1	1.4301
13	Washer	1	1.4301
14	Nut	1	1.4301
15	Locking device	1	1.4301 (Option)
16	Handle	1	1.4301
17	Handle Coating	1	Plastic

Dimensions, weight										
DN	ØD	L	L1	H	E	ØA	ØB	ØC	G (kg)	
8	11,6	61	60	56	100	18	12	10	0,35	
10	12,5	61	60	56	100	18	16	13	0,32	
15	15,0	68	65	58	100	23	19	15	0,52	
20	20,0	80	76	60	120	28	24	21	0,72	
25	25,0	86	86	70	148	35	31,5	26,6	1,02	
32	32,0	105	105	75	148	43	39	35	1,68	
40	38,0	120	120	86	164	50	45	40,5	2,32	
50	50,0	134	134	93	164	61	56	52,5	3,46	
65	65,0	163	163	130	248	75	69	65	7,52	
80	80,0	183	184	137	248	95	85	80	10,8	
100	100,0	226	228	180	290	120	105	101	19,5	

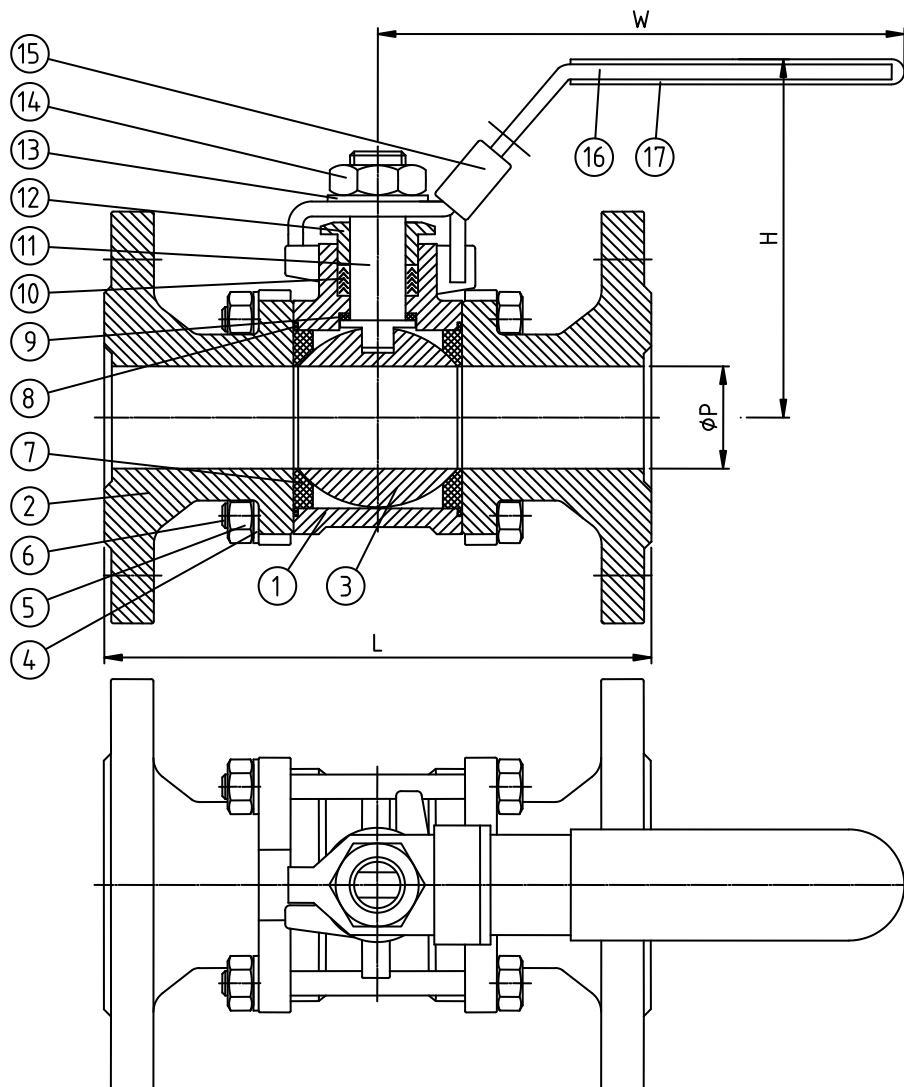
Threads Following DIN 2999

Temperature: -10°C à +200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-540 F



Valve 3 parts flanged full opening
PN 40 DN 15-100



Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	Body Part	2	1.4408
3	Ball	1	1.4401
4	Washer	4-12	1.4301
5	Nut	4-12	1.4301
6	Screw	4-6	1.4301
7	Seat	2	PTFE
8	Housing seal	2	PTFE
9	Clamping ring	1	PTFE
10	Operating shaft seal	1 kit	PTFE
11	Operating shaft	1	1.4401
12	Gland	1	1.4301
13	Washer	1	1.4301
14	Nut	1	1.4301
15	Locking device	1	1.4301
			(Option)
16	Handle	1	1.4301
17	Handle coating	1	Plastic

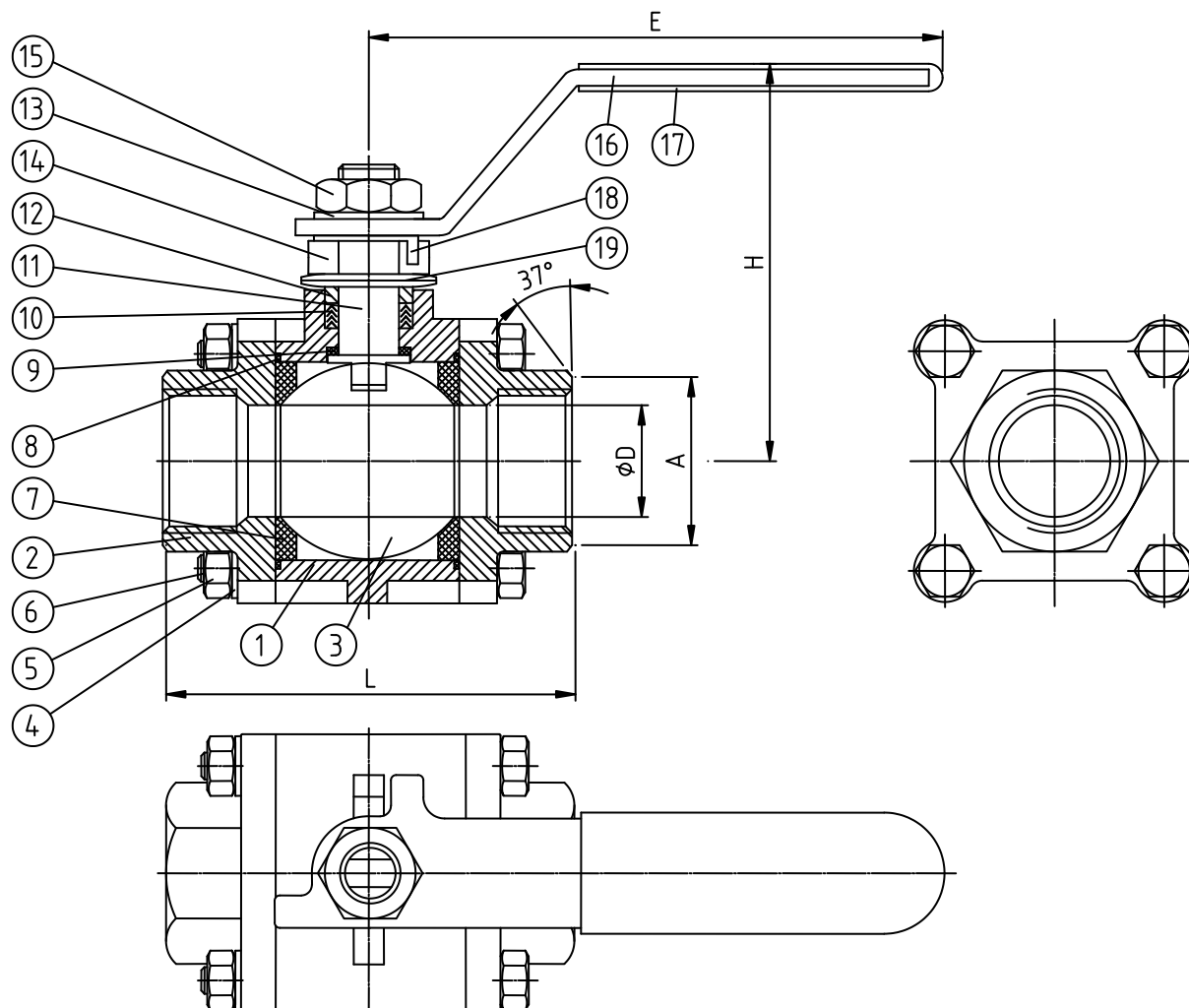
Dimensions, weight, couples						
DN	ØP	L	H	W	G (kg)	
15	16	130	84	146,5	2,45	
20	20	150	87	146,5	3,5	
25	25	160	93	153,5	4,7	
32	32	180	99	153,5	5,9	
40	38,1	200	114	217,5	7,8	
50	50,8	230	122	217,5	11,3	
65	65	290	150	251,5	16,9	
80	80	310	161	251,5	23,9	
100	100	350	180	291,5	34,9	

Length according to DIN 3202 F1
Flange according to DIN 2519 – PN 40
Temperature: -10°C à 200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Typ VL-502 T/B



3 parts, with thread end (T) or with welded end (B)
PN 100 DN 8-50



Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	2	1.4408
3	Ball	1	1.4401
4	Washer	4	1.4301
5	Nut	4	1.4301
6	Tie Rods	4	1.4301
7	Seat	2	PTFE
8	Housing seal	2	PTFE
9	Clamping ring	1	PTFE
10	Operating shaft Seal	1 kit	PTFE
11	Operating shaft	1	1.4401
12	Gland	1	1.4301
13	Washer	1	1.4301
14	Nut	1	1.4301
15	Nut	1	1.4301
16	Handle	1	1.4301
17	Handle coating	1	Plastic
18	Circlips	1	1.4301
19	Washer	2	1.4301

Dimensions						
DN	A	ØD	L	H	E	ØO
8	1/4"	11,6	60	46	95	14,22
10	3/8"	12,7	60	46	95	17,52
15	1/2"	15	75	48	120	21,71
20	3/4"	20	80	62	120	27,05
25	1"	25,4	90	66,5	160	33,78
32	1 1/4"	31,8	110	79	160	42,54
40	1 1/2"	38,1	120	84	200	48,64
50	2"	50,8	140	96	200	61,11

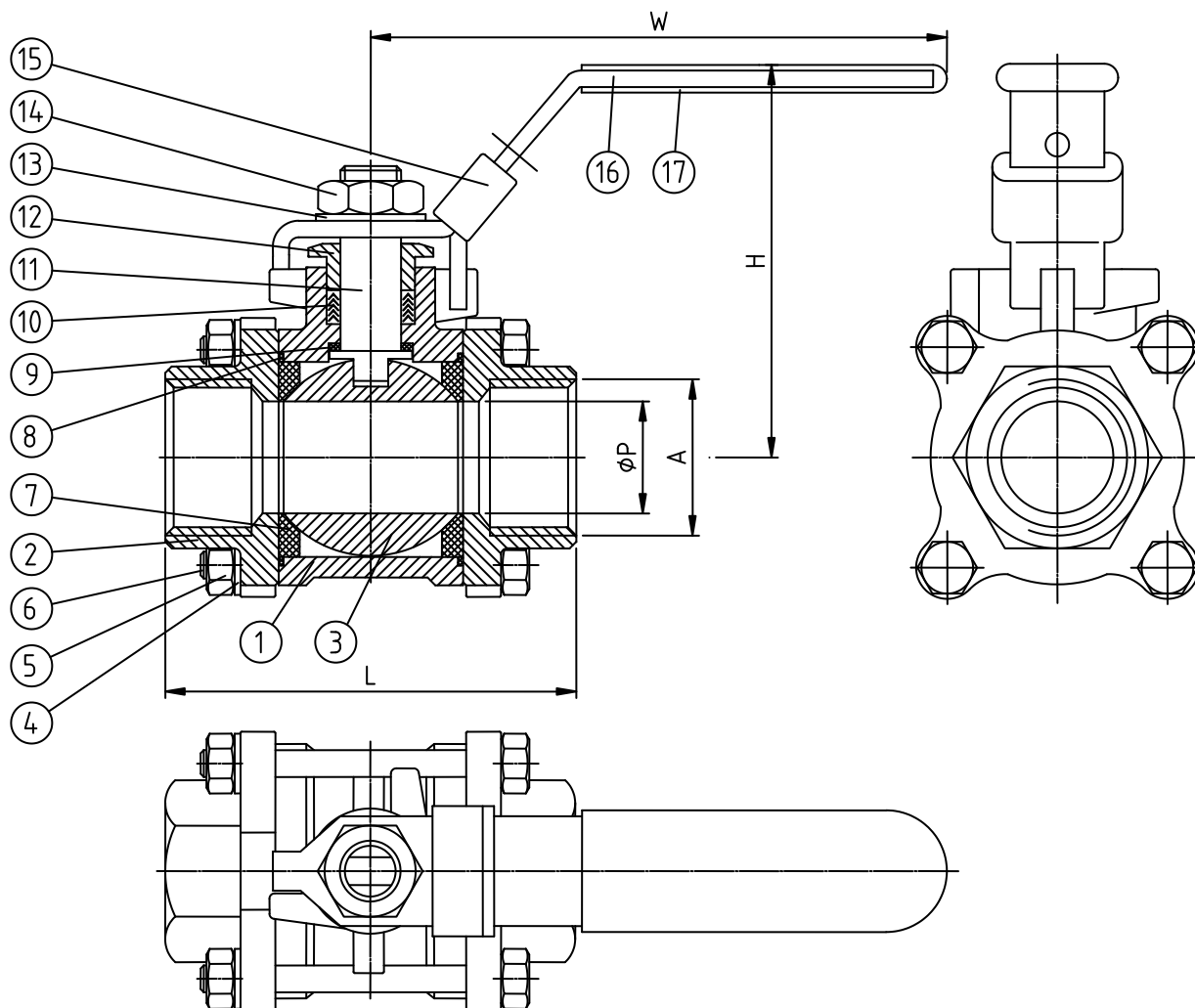
Threads according to DIN 2999

Temperature: -10°C à +200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-501 T



3 parts, thread end, full opening
PN 63 DN 8-100



Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	2	1.4408
3	Ball	1	1.4401
4	Washer	4-12	1.4301
5	Nut	4-12	1.4301
6	Screw	4-6	1.4301
7	Seat	2	PTFE
8	Housing Seal	2	PTFE
9	Clamping ring	1	PTFE
10	Operating shaft Seal	1 kit	PTFE
11	Operating shaft	1	1.4401
12	Gland	1	1.4301
13	Washer	1	1.4301
14	Nut	1	1.4301
15	Lockin device	1	1.4301 (Option)
16	Handle	1	1.4301
17	Handle Coating	1	Plasti

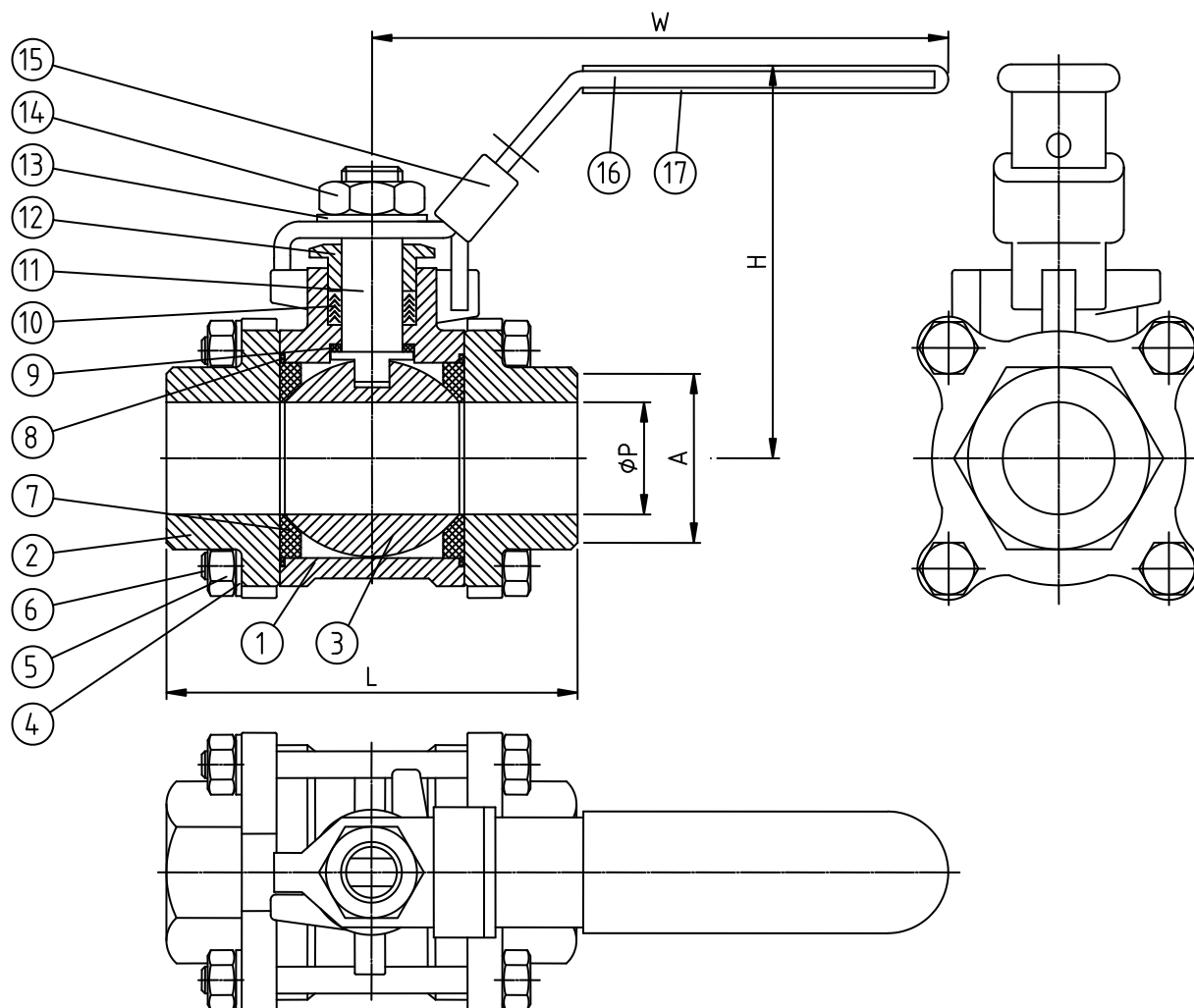
Dimensions, weight,						
DN	A	ØP	L	H	W	G (kg)
8	1/4"	11,6	60	55	97,5	0,35
10	3/8"	12,7	60	55	97,5	0,4
15	1/2"	16	75	64	125,5	0,65
20	3/4"	20	80	67	125,5	0,8
25	1"	25	90	83	143,5	1,2
32	1 1/4"	32	110	89	143,5	1,95
40	1 1/2"	38,1	120	100	203,5	2,75
50	2"	50,8	140	108	203,5	4,5
65	2 1/2"	65	185	150	251,5	8,9
80	3"	80	205	161	251,5	12,9
100	4"	100	240	180	291,5	22,5

Length according to DIN 3202 – M3
Threads according to DIN 2999
Temperature: -10°C à +200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-501 B



3-parts , with welding end, full opening
PN 63 DN 8-100



Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	Nut	2	1.4408
3	Ball	1	1.4401
4	Washer	4-12	1.4301
5	Nut	4-12	1.4301
6	Screw	4-6	1.4301
7	Seat	2	PTFE
8	Housing Seal	2	PTFE
9	Clamping ring	1	PTFE
10	Operating shaft seal	1 kit	PTFE
11	Operating shaft	1	1.4401
12	Gland	1	1.4301
13	Washer	1	1.4301
14	Nut	1	1.4301
15	Locking device	1	1.4301 (Option)
16	Handle	1	1.4301
17	Handle coating	1	Plastic

Dimensions, weight,						
DN	A	ØP	L	H	W	G (kg)
8	12,5	11,6	65	55	97,5	0,35
10	15	12,7	70	55	97,5	0,35
15	18	16	75	64	125,5	0,6
20	22	20	90	67	125,5	0,95
25	28	25	100	83	143,5	1,2
32	35	32	110	89	143,5	1,85
40	43	38,1	125	100	203,5	2,7
50	54	50,8	150	108	203,5	4,35
65	69	65	190	150	251,5	8,3
80	84	80	220	161	251,5	12,3
100	104	100	270	180	291,5	23,8

Length according to DIN 3202 – S13

Temperature: -10°C à +200°C
(See pressure-temperature diagram)

EPI Ball Valve

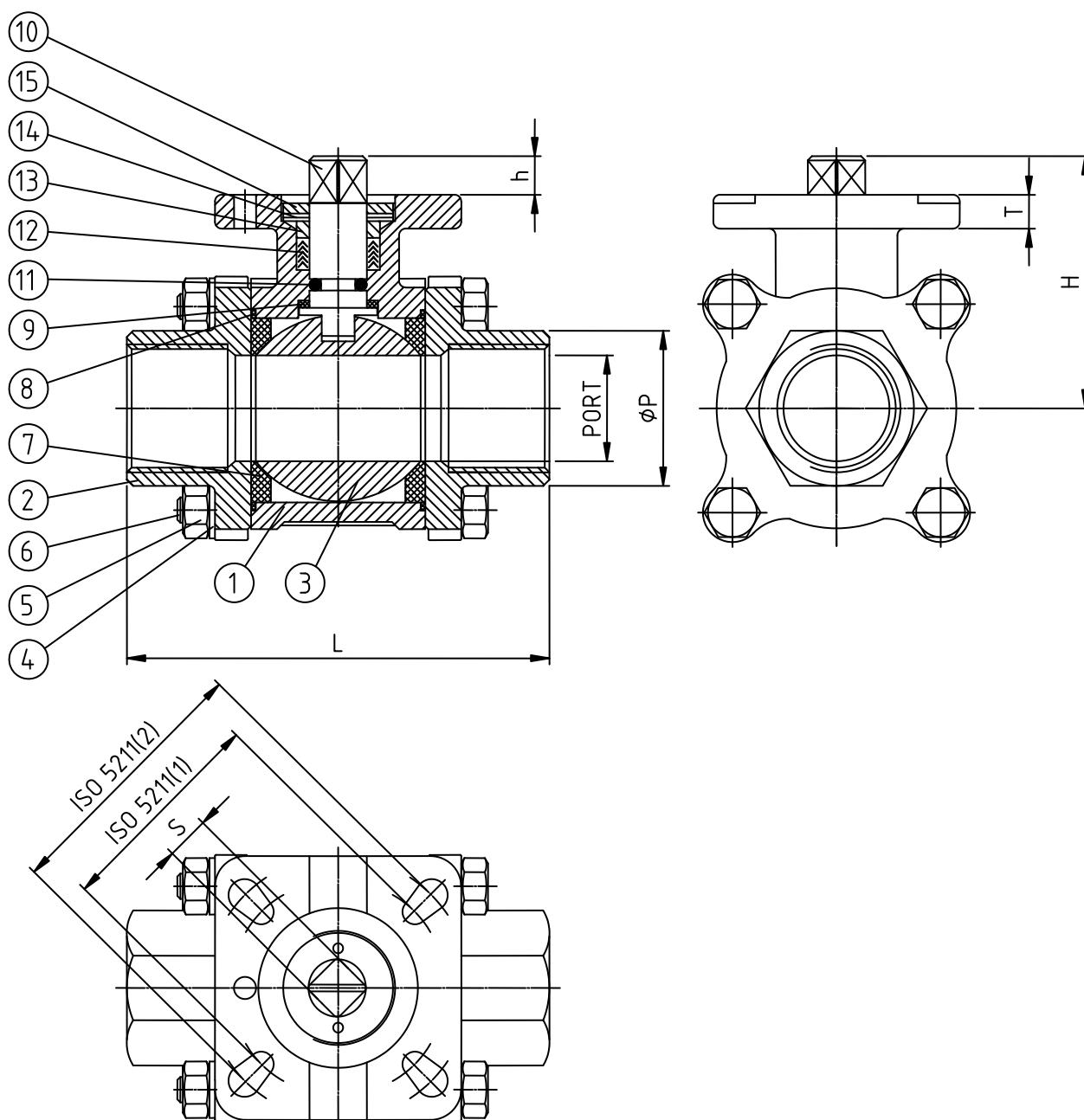
EPI Stainless-Steel Ball Valves with ISO mounting plate 3 parts



Stainless-Steel Valve Type VL-521 T



Valve 3 parts With plate DIN/ISO, Thread end
PN 63 DN 10-100



Stainless-Steel Valve Type VL-521 T



Valve 3 parts With plate DIN/ISO, Thread end
PN 63 DN 10-100

Dimensions (mm)

	PORT	L	H	h	S	T	ØP	ISO 5211
1/4"	10	65	40	7	9	9	RP (1/4)	F03 PCD36 Ø6x4 F04 PCD42 Ø6x4
3/8"	12	65	40	7	9	9	RP (3/8)	F03 PCD36 Ø6x4 F04 PCD42 Ø6x4
1/2"	16	75	40	7	9	9	RP (1/2)	F03 PCD36 Ø6x4 F04 PCD42 Ø6x4
3/4"	20	80	44	9	9	9	RP (3/4)	F03 PCD36 Ø6x4 F04 PCD42 Ø6x4
1"	25	90	52	12	11	10	RP (1)	F04 PCD42 Ø6x4 F05 PCD50 Ø7x4
1 1/4"	32	110	58	12	11	10	RP (1 1/4)	F04 PCD42 Ø6x4 F05 PCD50 Ø7x4
1 1/2"	40	120	68	16	14	13	RP (1 1/2)	F05 PCD50 Ø7x4 F07 PCD70 Ø9x4
2"	50	140	77	16	14	13	RP (2)	F05 PCD50 Ø7x4 F07 PCD70 Ø9x4
2 1/2"	65	185	98	19	17	13	RP (2 1/2)	F07 PCD70 Ø9x4 F010 PCD102Ø11x4
3"	80	205	110	19	17	13	RP (3)	F07 PCD70 Ø9x4 F010 PCD102Ø11x4
4"	100	240	138	24	22	20	RP (4)	F010 PCD102Ø11x4

L suivant DIN 3202-M3
Taraudage suivant DIN 2999

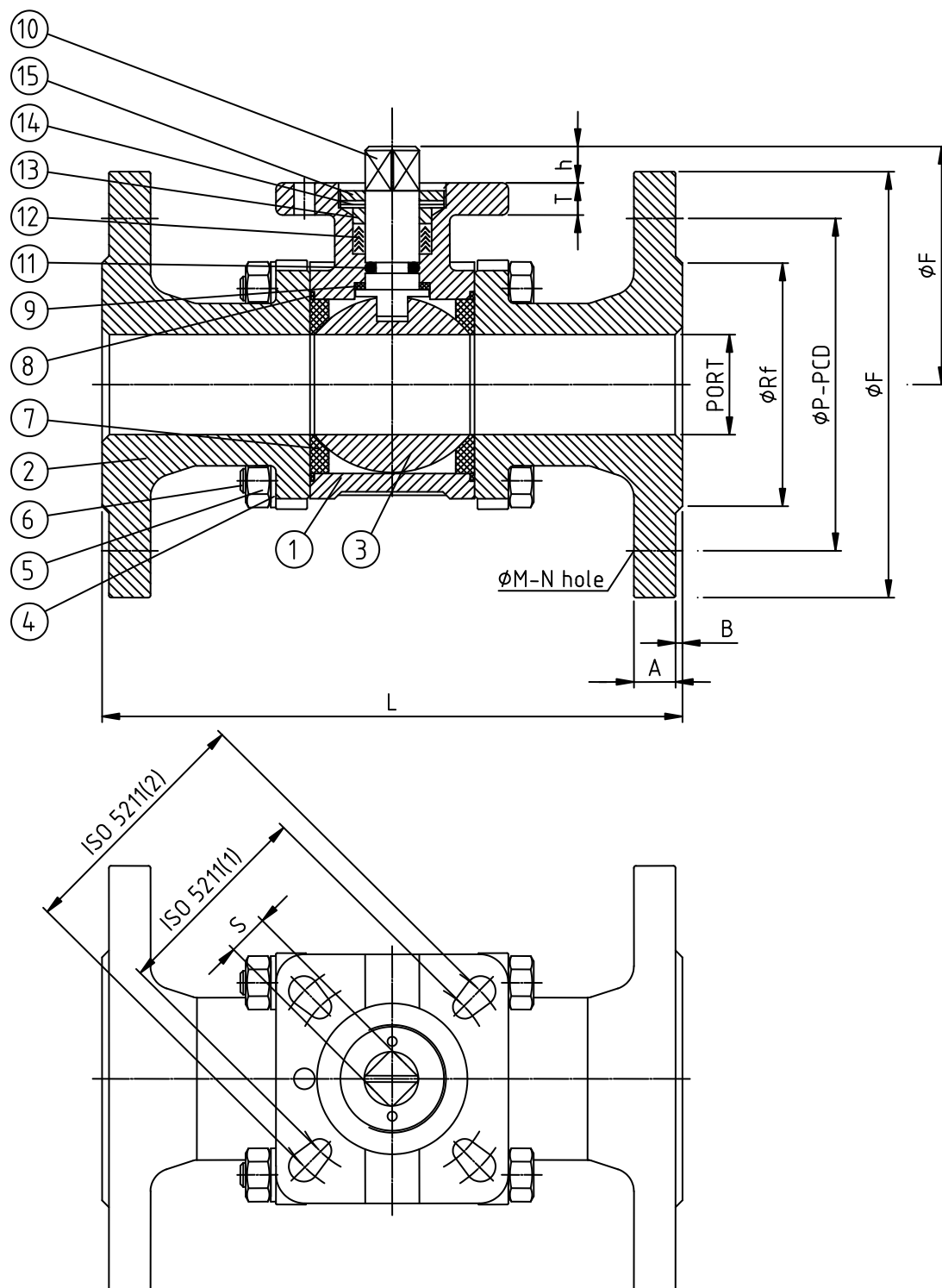
Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	2	1.4408
3	Ball	1	1.4401
4	Washers	4-12	1.4301
5	Nut	4-12	1.4301
6	Screw	4-12	1.4301
7	Seat	2	PTFE Consolidated
8	Housing seal	2	PTFE
9	Clamping Ring	1	PTFE
10	Operating shaft	1	1.4401
11	O-Ring Seal	1	Viton
12	Operating shaftSeal	1 kit	PTFE
13	Gland	1	1.4301
14	Springs	2	Spring Steel
15	Nut	1	1.4301

Temperature: -10°C à 200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-521 F



Valve 3 parts with plate DIN/ISO flanged following DIN
PN 40 DN 15-100



Stainless-Steel Valve Type VL-521 F



Valve 3 parts with plate DIN/ISO flanged according to DIN
PN 40 DN 15-100

Dimensions (mm)

	PORT	L	H	h	S	T	ØP	A	B	ØF	ØRf	M	N	ISO 5211
1/2"	16	130	47	7	9	9	65	16	2	95	45	14	4	F03 PCD36 Ø6x4 F04 PCD42 Ø6x4
3/4"	20	150	53	9	9	9	75	18	2	105	58	14	4	F03 PCD36 Ø6x4 F04 PCD42 Ø6x4
1"	25	160	64	12	11	10	85	18	2	115	68	14	4	F04 PCD42 Ø6x4 F05 PCD50 Ø7x4
1 1/4"	32	180	70	12	11	10	100	18	2	140	78	18	4	F04 PCD42 Ø6x4 F05 PCD50 Ø7x4
1 1/2"	40	200	84	16	14	13	110	18	3	150	88	18	4	F05 PCD50 Ø7x4 F07 PCD70 Ø9x4
2"	50	230	93	16	14	13	125	20	3	165	102	18	4	F05 PCD50 Ø7x4 F07 PCD70 Ø9x4
2 1/2"	65	290	117	19	17	13	145	22	3	185	122	18	8	F07 PCD70 Ø9x4 F010 PCD102Ø11x4
3"	80	310	129	19	17	13	160	24	3	200	138	18	8	F07 PCD70 Ø9x4 F010 PCD102Ø11x4
4"	100	350	152	24	22	20	190	24	3	235	162	22	8	F010 PCD102Ø11x4

L suivant DIN 3202-F1

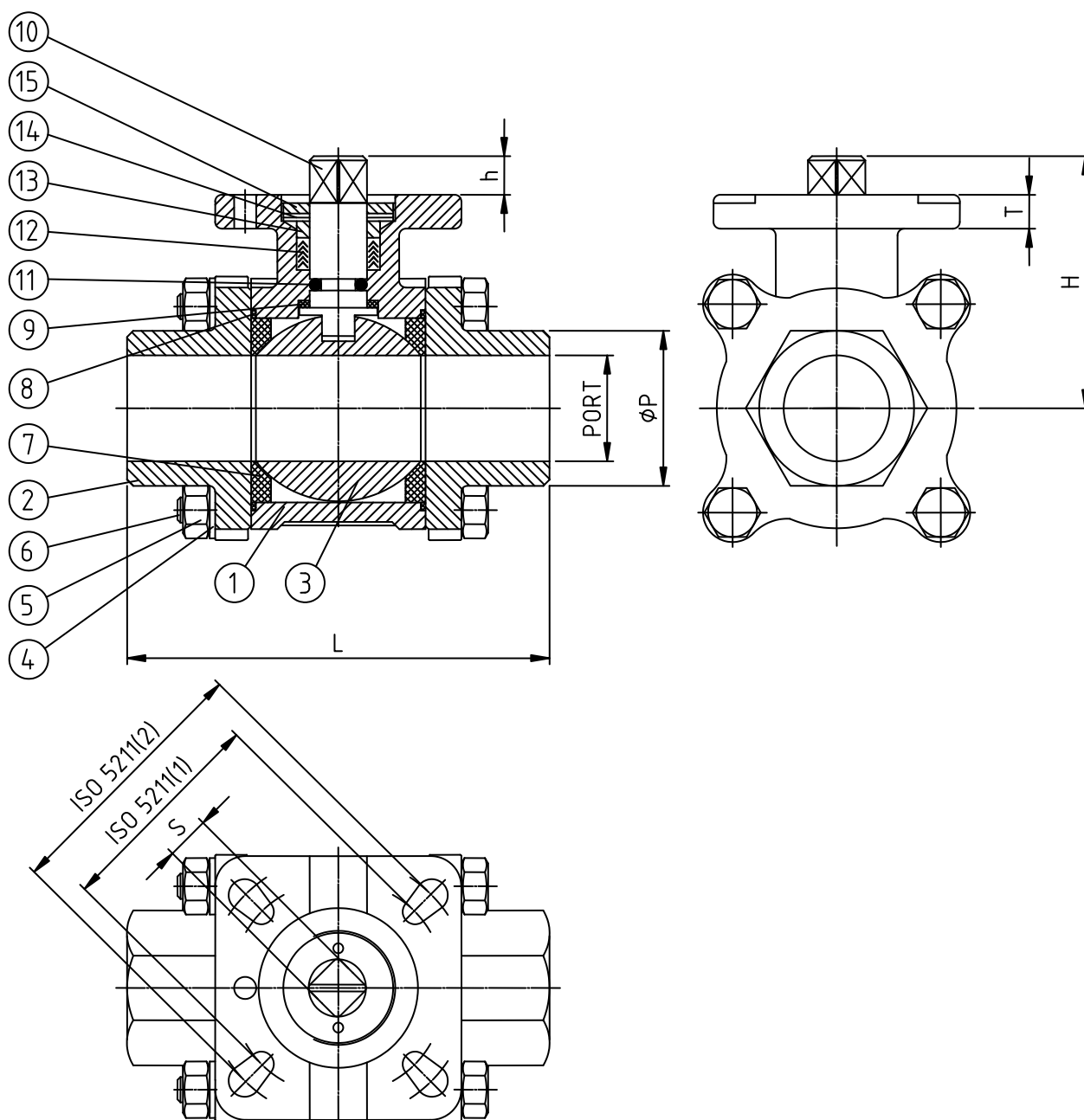
Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	Body part	2	1.4408
3	Ball	1	1.4401
4	Washer	4-12	1.4301
5	Nut	4-12	1.4301
6	Screw	4-12	1.4301
7	Seat	2	PTFE Consolidated
8	Housing seal	2	PTFE
9	Clamping ring	1	PTFE
10	Operating shaft	1	1.4401
11	O-ring Seal	1	Viton
12	Operating shaft seal	1 kit	PTFE
13	Gland	1	1.4301
14	Springs	2	Spring Steel
15	Nut	1	1.4301

Temperature: -10°C à 200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-521 B



Valve 3 parts with plate DIN/ISO et welding end
PN 63 DN 10-100



Stainless-Steel Valve Type VL-521 B



Valve 3 parts with plate DIN/ISO et welding tips
PN 63 DN 10-100

Dimensions (mm)								
	PORT	L	H	h	S	T	ØP	ISO 5211
1/4"	10	70	40	7	9	9	20	F03 PCD36 Ø6x4 F04 PCD42 Ø6x4
3/8"	12	70	40	7	9	9	20	F03 PCD36 Ø6x4 F04 PCD42 Ø6x4
1/2"	16	75	40	7	9	9	23	F03 PCD36 Ø6x4 F04 PCD42 Ø6x4
3/4"	20	90	44	9	9	9	28	F03 PCD36 Ø6x4 F04 PCD42 Ø6x4
1"	25	100	52	12	11	10	34	F04 PCD42 Ø6x4 F05 PCD50 Ø7x4
1 1/4"	32	110	58	12	11	10	41	F04 PCD42 Ø6x4 F05 PCD50 Ø7x4
1 1/2"	40	125	68	16	14	13	49	F05 PCD50 Ø7x4 F07 PCD70 Ø9x4
2"	50	150	77	16	14	13	62	F05 PCD50 Ø7x4 F07 PCD70 Ø9x4
2 1/2"	65	190	98	19	17	13	78	F07 PCD70 Ø9x4 F010 PCD102Ø11x4
3"	80	220	110	19	17	13	94	F07 PCD70 Ø9x4 F010 PCD102Ø11x4
4"	100	270	138	24	22	20	125	F010 PCD102Ø11x4

L suivant DIN 3202-S13

Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	2	1.4408
3	Ball	1	1.4401
4	Washer	4-12	1.4301
5	Nut	4-12	1.4301
6	Screw	4-12	1.4301
7	Seat	2	PTFE Consolidated
8	Housing seal	2	PTFE
9	Clamping ring	1	PTFE
10	Operating shaft	1	1.4401
11	O-Ring Seal	1	Viton
12	Operating shaft Seal	1 kit	PTFE
13	Gland	1	1.4301
14	Springs	2	Spring Steel
15	Nut	1	1.4301

Temperature: -10°C à 200°C
(See pressure-temperature diagram)

EPI Ball Valve

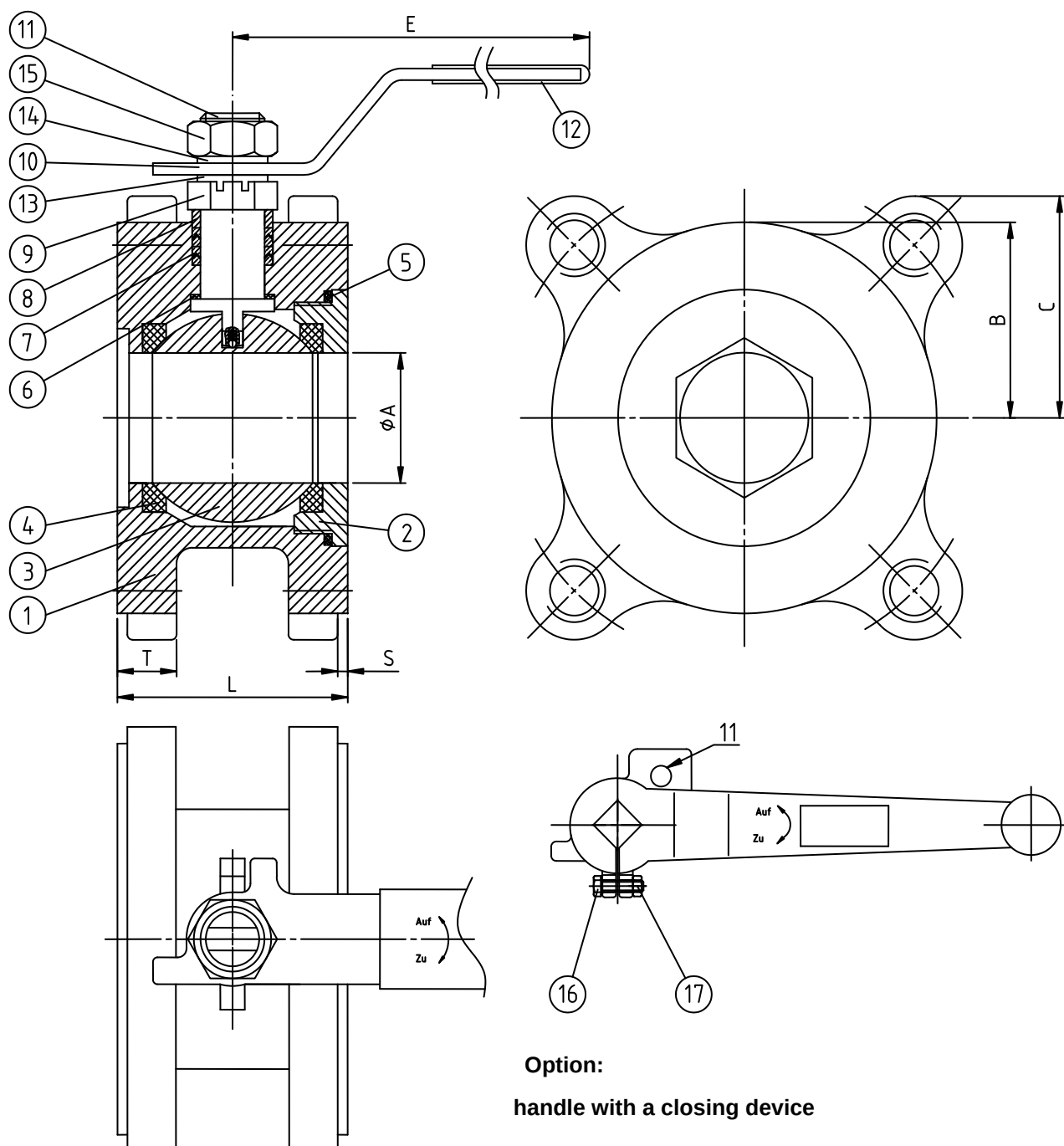
EPI Stainless-Steel And Steel Compact Ball Valves



Stainless-Steel Valve Type VL-160F



Mono block valve, compact type , full opening
PN 40/PN 16 DN 15 – 100



Stainless-Steel Valve Type VL-160F



Mono block valve, compact type , full opening
PN 40/16 DN 15 – 100

Dimensions (mm)

	DN	ØA	B	C	E	L	S	T	M
1/2"	15	15	23,6	36,93	133	40,0	2	12	M12
3/4"	20	20	32,0	40,47	133	44,0	2	14	M12
1"	25	25	35,0	40,55	133	53,0	2	16	M12
1 1/4"	32	32	42,3	53,69	228	58,4	2	14	M16
1 1/2"	40	38	47,3	57,33	228	62,0	3	15	M16
2"	50	50	52,55	64,19	228	78,0	3	18	M16
2 1/2"	65	64	80,0	71,27	315	100,0	3	16	M16
3"	80	76	90,0	87,16	315	120,0	3	16	M16
4"	100	96	111,0	103,15	315	152,0	3	16	M16

Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	1	1.4408
3	Ball	1	1.4401
4	Seat	2	PTFE
			Consolidated
5	Housing Seal	1	PTFE
6	Clamping ring	1	PTFE
7	Operating shaft seal	1 kit	PTFE
8	Ring / Gland	1	1.4301
9	Gland	1	1.4301
10	Handle	1	1.4301
11	Operating shaft	1	1.4401
12	Handle coating	1	Plastic
13	Circlips	1	1.4301
14	Washer	1	1.4301
15	Nut	1	1.4301
16	Screw	1	1.4301
17	Nut	1	1.4301

Temperature: -10°C à 200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-140F/CS

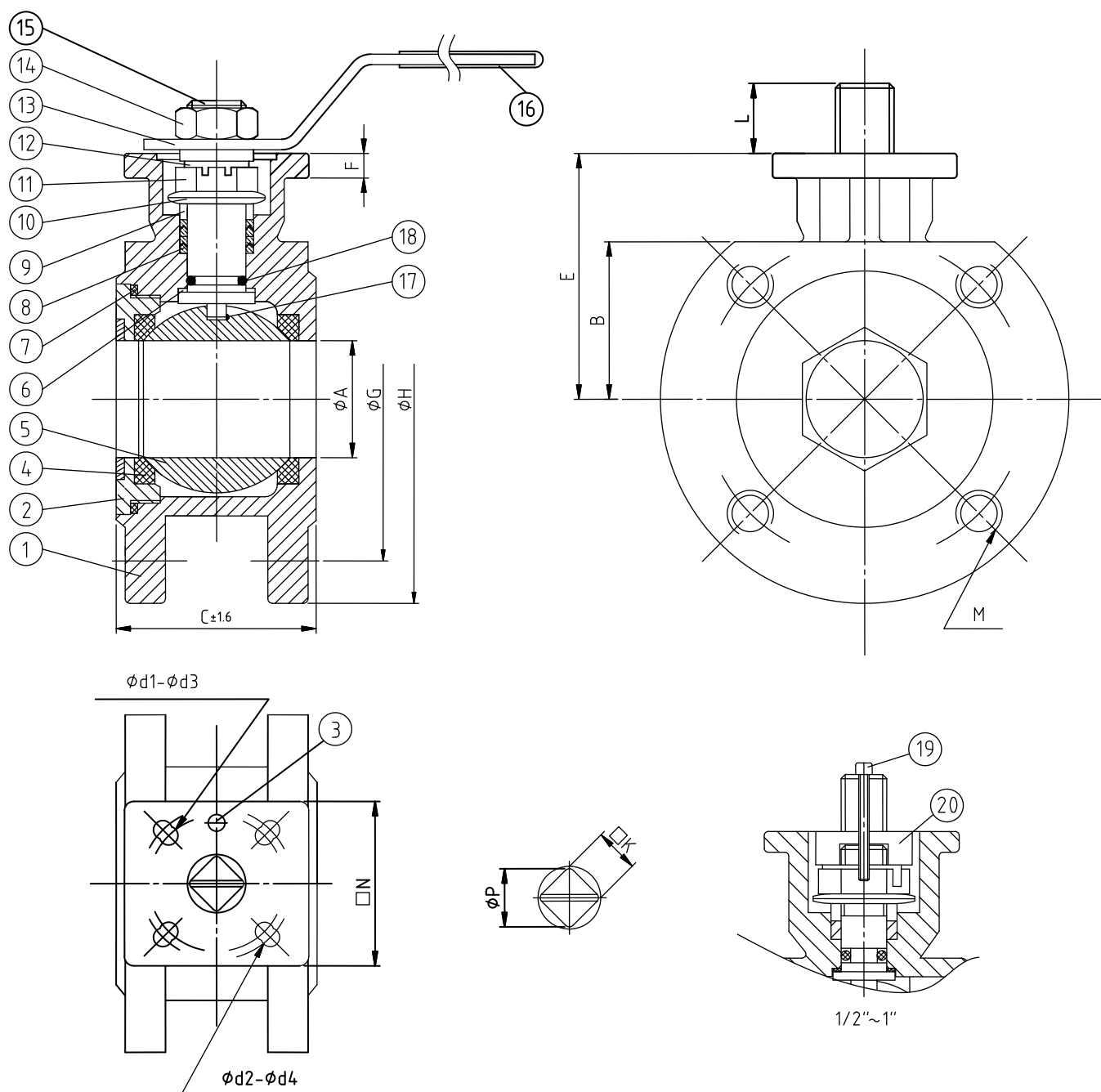


Valve, compact type , full opening

PN 16 / 40 DN 15 – 100

DN 15 – DN 50 Flange following PN 40

DN 65 – DN 100 Flange following PN 16



Stainless-Steel Valve Type VL-140F/CS



Valve, compact type, full opening

PN 16 / 40 DN 15 – 100

DN 15 – DN 50 Flange according to PN 40

DN 65 – DN 100 Flange according to PN 16

Dimensions (mm)

	DN	C	ØG	ØH	ØA	B	E	F	□N	ISO5211	Ød1	Ød2	Ød3	Ød4	□K	ØP	L	M
½"	15	40	65	95	15	34,5	60,0	6,3	43,5	F03/F04	36	42	6,0	5,5	9	11,11	8	M12x1,75
¾"	20	44	75	105	20	38,5	64,3	7,0	43,5	F03/F04	36	42	6,0	5,5	9	11,11	11	M12x1,75
1"	25	53	85	115	25	44,6	64,6	7,0	48,5	F04/F05	42	50	5,5	7,0	11	11,11	11	M12x1,75
1¼"	32	58,4	100	135	32	51	70,2	7,0	48,5	F04/F05	42	50	5,5	7,0	11	11,11	11	M16x2
1½"	40	62	110	145	38	55	76,3	7,2	70,0	F05/F07	50	70	7,0	8,5	14	19,05	17	M16x2
2"	50	78	125	155	50	63	85,5	7,2	70,0	F05/F07	50	70	7,0	8,5	14	19,05	15	M16x2
2½"	65	100	145	185	65	73,5	105	10,6	----	F07	----	70	----	9,0	17	22,22	14	M16x2
3"	80	120	160	200	76	94	123	10,6	----	F07	----	70	----	9,0	17	22,22	18	M16x2
4"	100	152	180	220	96	105	132	12,6	----	F07/F10	70	102	9,0	10,5	17	22,22	15	M16x2

Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.0619
2	Screw-in fitting	1	1.0619
3	Body stop	1	1.4301
4	Seat	2	PTFE
			Consolidated
5	Ball	1	1.4401
6	Clamping ring	1	PTFE
7	Housing Seal	1	PTFE
8	Operating shaft seal	1 kit	PTFE
9	Gland	2	1.4301
10	Washer	2	1.4310
11	Gland	1	1.4301
12	Circlips	1	1.4301
13	Handle	1	1.4301
14	Nut	1	1.4301
15	Operating shaft	1	1.4401
16	Handle coating	1	Plastic
17	Anti-static (option)	1	1.4301
18	O-ring seal	1	VITON
19	Cap	1	1.4301
20	Trainer	1	1.4301

With plate DIN/ISO 5211 integrated for direct mounting of actuators

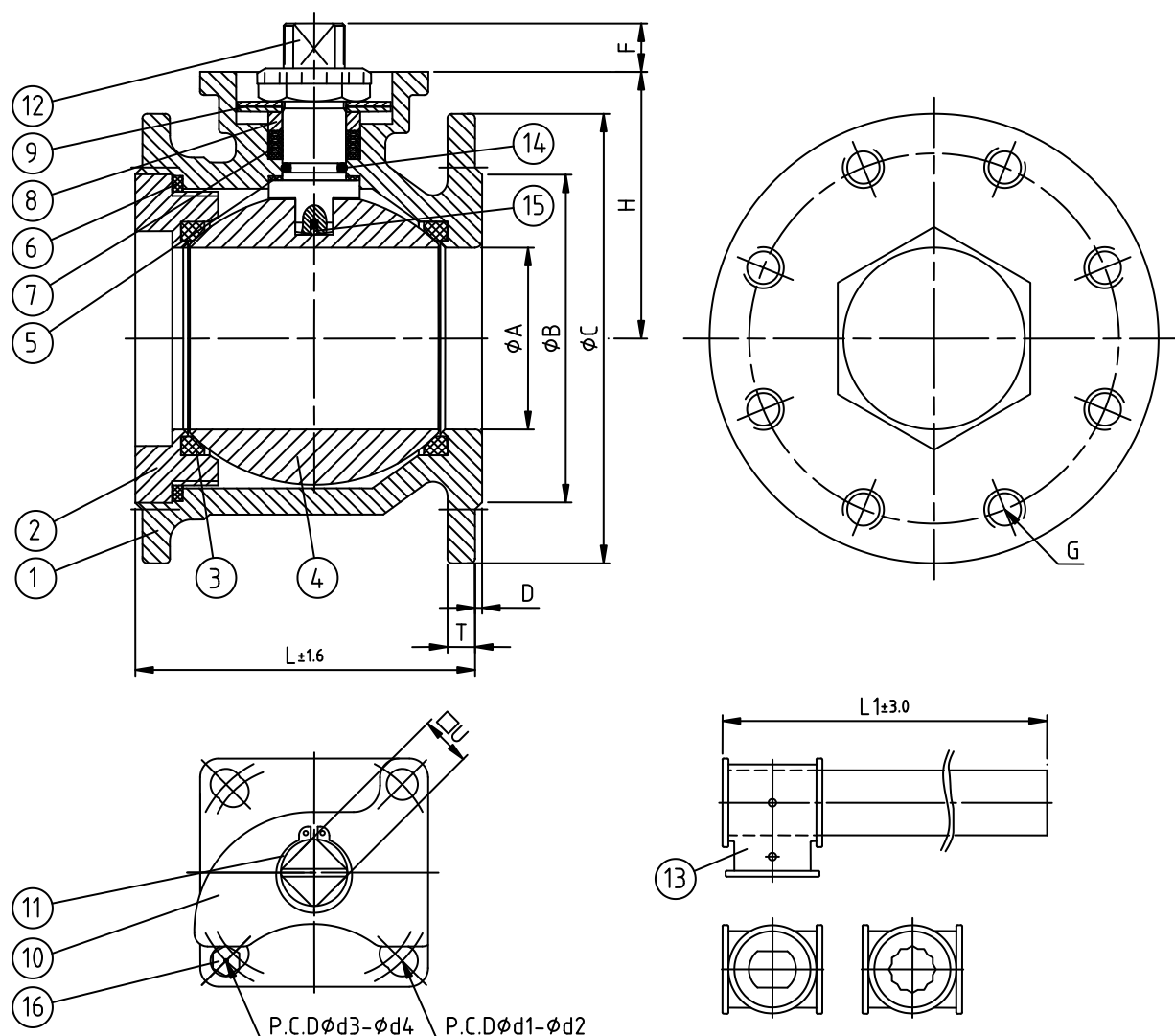
Temperature: -10°C à +200°C

(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-140F



Valve, compact type, full opening
PN 16 DN 125-200



Stainless-Steel Valve Type VL-140F



Valve, compact type, full opening
PN 16 DN 125-200

Dimensions (mm)

	5"	6"	8"
DN	125	150	200
ØA	114	135	152
ØB	188	212	268
ØC	250	285	340
D	3	3	3
T	22	22	24
L	180	215	236
G	M16x2	M16x2	M20x2,5
L1	660	660	660
□U	27	27	27
H	157,5	172,5	185,0
Ød1	102	102	----
Ød2	10,5	10,5	----
Ød3	125	125	125
Ød4	12,5	12,5	13,0
ISO 5211	F10/F12	F10/F12	F12
F	36	36	37,5

Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	Threaded end	1	1.4408
3	Seat	2	PTFE consolidated
4	Ball	1	1.4401
5	Clamping ring	1	PTFE
6	Housing seal	1	PTFE
7	Operating shaft seal	1 kit	PTFE
8	Gland	1	1.4301
9	Washer	2	1.4310
10	Cam	1	1.4408
11	Circlips	1	1.4301
12	Operating shaft	1	1.4401
13	Handle	1	1.4301
14	O-ring seal	1	Viton
15	Anti-static (Ball)	1	1.4301
16	Body stop	1	A2-70

Plate DIN/ISO 5211 integrated for direct mounting of actuators

Temperature: -10°C à +200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-140F

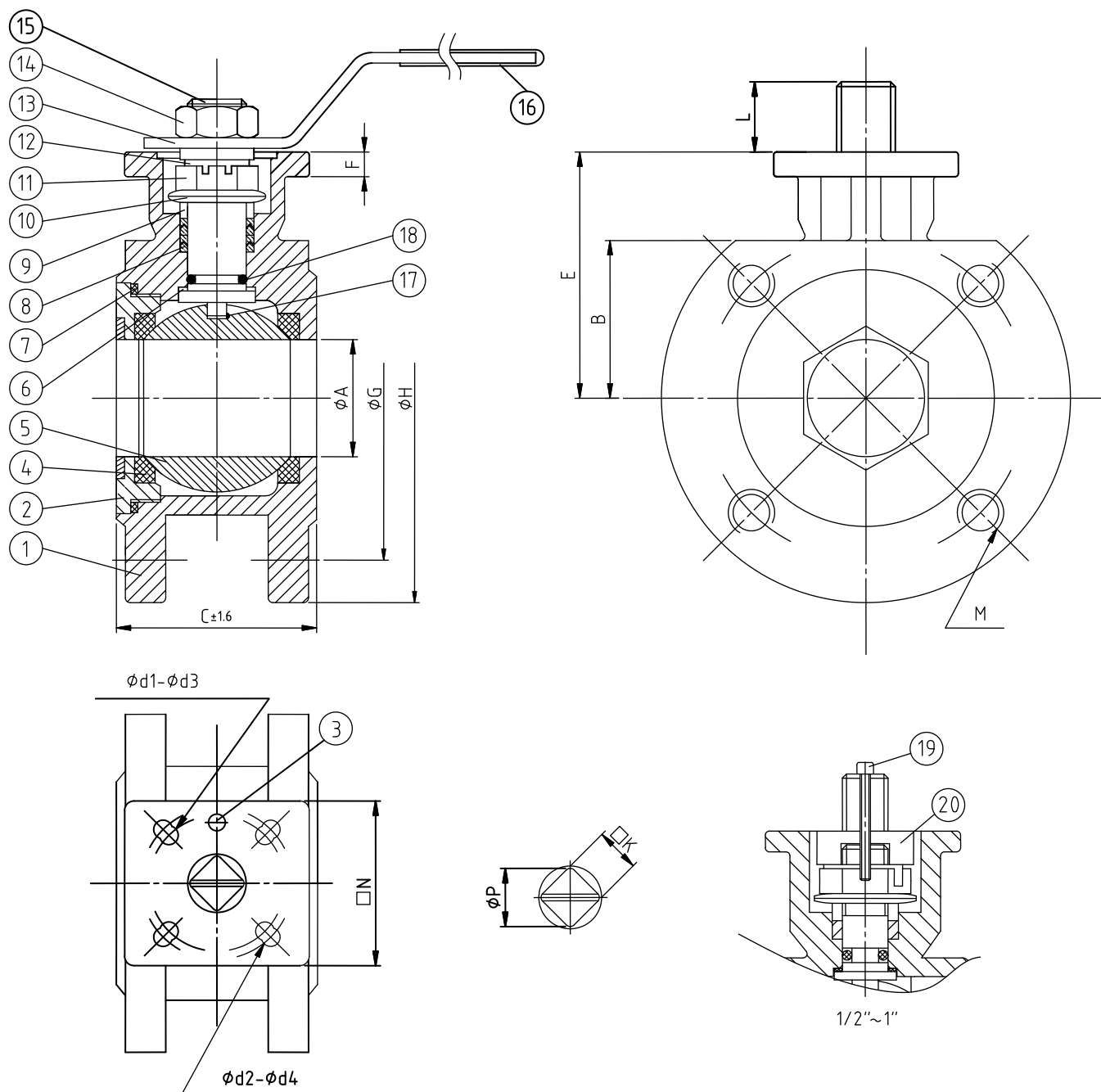


Valve, compact type, full opening

PN 16 / 40 DN 15 – 100

DN 15 – DN 50 Flange according to PN 40

DN 65 – DN 100 Flange according to PN 16



Stainless-Steel Valve Type VL-140F



Valve, compact type, full opening

PN 16 / 40 DN 15 – 100

DN 15 – DN 50 Flange according to PN 40

DN 65 – DN 100 Flange according to PN 16

Dimensions (mm)

	DN	C	ØG	ØH	ØA	B	E	F	□N	ISO5211	Ød1	Ød2	Ød3	Ød4	□K	ØP	L	M
½"	15	40	65	95	15	34,5	60,0	6,3	43,5	F03/F04	36	42	6,0	5,5	9	11,11	8	M12x1,75
¾"	20	44	75	105	20	38,5	64,3	7,0	43,5	F03/F04	36	42	6,0	5,5	9	11,11	11	M12x1,75
1"	25	53	85	115	25	44,6	64,6	7,0	48,5	F04/F05	42	50	5,5	7,0	11	11,11	11	M12x1,75
1¼"	32	58,4	100	135	32	51	70,2	7,0	48,5	F04/F05	42	50	5,5	7,0	11	11,11	11	M16x2
1½"	40	62	110	145	38	55	76,3	7,2	70,0	F05/F07	50	70	7,0	8,5	14	19,05	17	M16x2
2"	50	78	125	155	50	63	85,5	7,2	70,0	F05/F07	50	70	7,0	8,5	14	19,05	15	M16x2
2½"	65	100	145	185	65	73,5	105	10,6	----	F07	----	70	----	9,0	17	22,22	14	M16x2
3"	80	120	160	200	76	94	123	10,6	----	F07	----	70	----	9,0	17	22,22	18	M16x2
4"	100	152	180	220	96	105	132	12,6	----	F07/F10	70	102	9,0	10,5	17	22,22	15	M16x2

Pos	Nomenclature	Quantité	Matière
1	Housing	1	1.4408
2	Threaded end	1	1.4408
3	Body stop	1	1.4301
4	Seat	2	PTFE renforcé
5	Ball	1	1.4401
6	Clampng ring	1	PTFE
7	Housing seal	1	PTFE
8	Operating shaft seal	1 kit	PTFE
9	Gland	2	1.4301
10	Washer	2	1.4310
11	Nut	1	1.4301
12	Circlips	1	1.4301
13	Handle	1	1.4301
14	Nut	1	1.4301
15	Operating shaft	1	1.4401
16	Handle coating	1	Plastique
17	Anti-static (option)	1	1.4301
18	O-ring seal	1	VITON
19	Cap	1	1.4301
20	Trainer	1	1.4301

Plate DIN/ISO 5211 integrated for direct mounting of actuators

Temperature: -10°C à +200°C

(See pressure-temperature diagram)

EPI Ball Valve

EPI Stainless-Steel Multi-Port Ball Valves

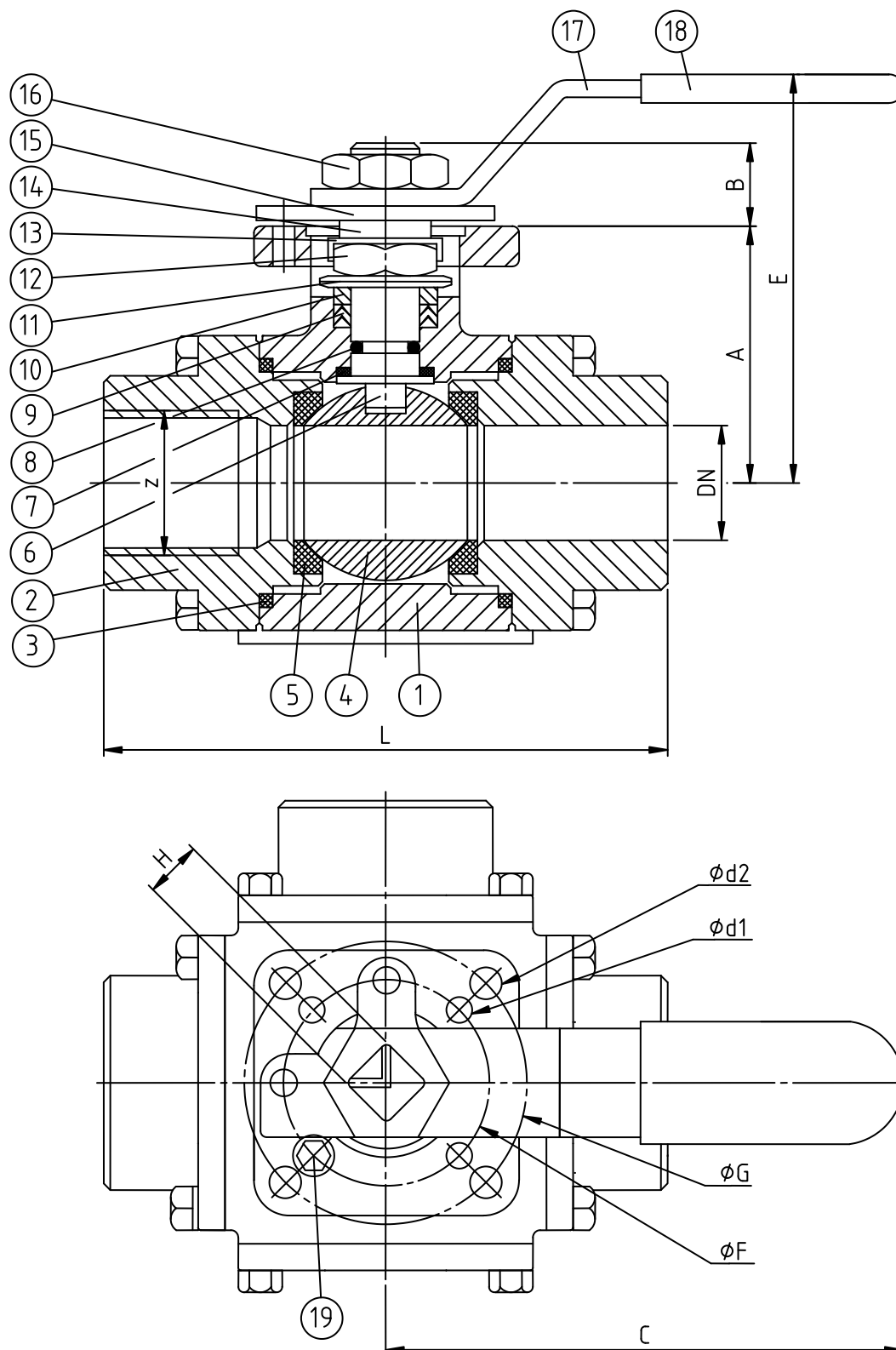


Stainless-Steel Valve

Type VL-Z328 T/B/SW - L / T



Valve 3-ways , mono block construction with threaded ends, or welding,
drilling in L or T, full opening
PN 40 DN 8-100 (1/4" - 4")



Stainless-Steel Valve

Type VL-Z328 (T/B/SW) -L / T



Valve 3-ways , mono block construction with threaded ends, or welding,
drilling in L or T, full opening
PN 40 DN 8-100 (1/4" – 4")

Dimensions (mm)

Z	DN	A	B	C	Ød1	Ød2	E	ØF	ØG	H	L
1/4"	8	38,5	11	130	6,0	6,0	62	36	42	9	88
3/8"	10	38,5	11	130	6,0	6,0	62	36	42	9	88
1/2"	15	41	11	130	6,0	6,0	64	36	42	9	105
3/4"	20	49	14	165	6,0	7,1	82	42	50	11	112
1"	25	55	14	165	6,0	7,1	89	42	50	11	128
1 1/4"	32	63	18	205	7,1	9,2	98	50	70	14	140
1 1/2"	40	74	18	205	7,1	9,2	108	50	70	14	160
2"	50	93	23	325	9,2	11,4	140	70	102	17	192
2 1/2"	65	119	25	400	---	11,4	144	---	102	23	294
3"	80	137	25	500	---	11,4	162	---	102	23	317
4"	100	157	25	650	---	11,4	182	---	102	29	369

Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	Body part	3	1.4408
3	Housing seal	3	PTFE
4	Ball	1	1.4401
5	Seat	4	PTFE
			consolidated
6	Operating shaft	1	1.4401
7	Clamping ring	1	PTFE
8	O-ring seal	1	Viton
9	Operating shaft seal	2	PTFE
10	Gland	1	1.4301
11	Washer	2	1.4301
12	Shaft Nut	1	1.4301
13	Circlips	1	1.4301
14	Ring	1	1.4301
15	Cam	1	1.4301
16	Nut	1	1.4301
17	Handle	1	1.4301
18	Handle coating	1	Plastique
19	Body stop	1	1.4301

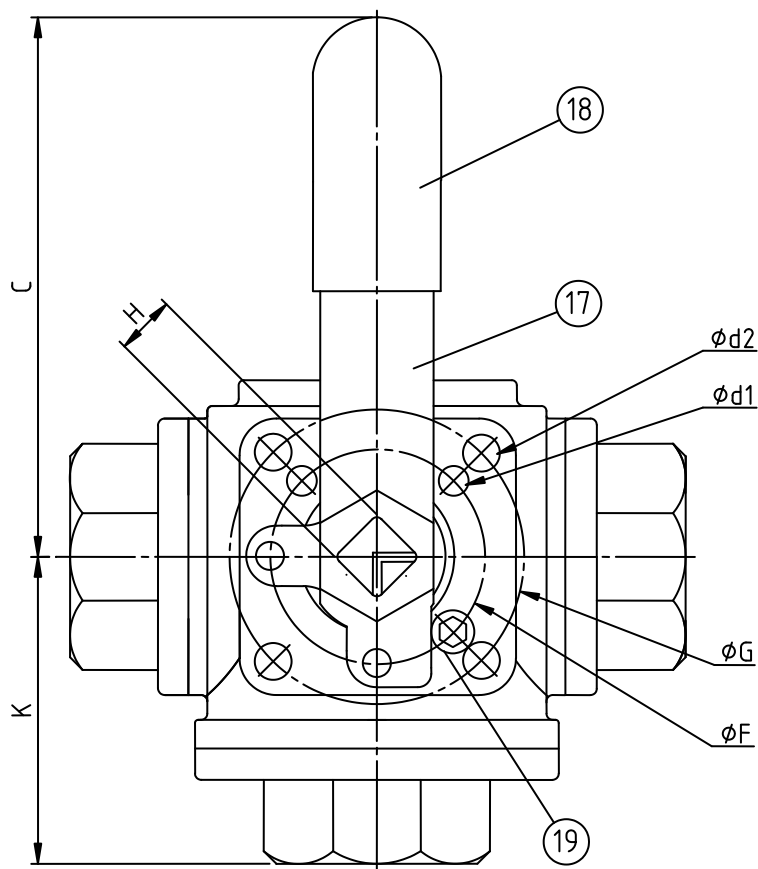
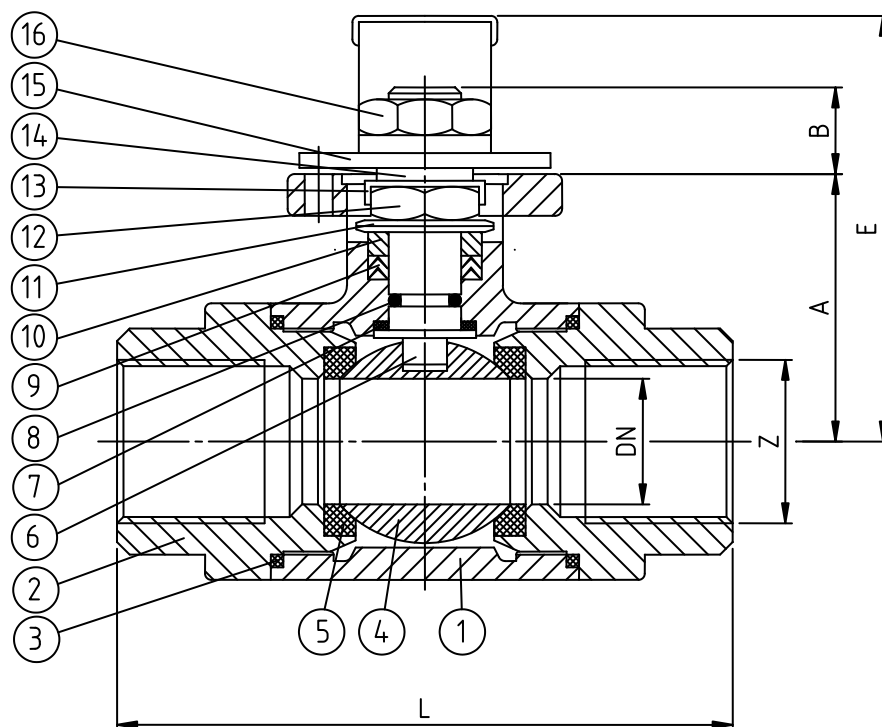
Temperature: -20°C à 200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-Z321 L / T



Valve 3-ways , with threaded ends, drilling in L or T, reduced opening

PN 63 DN 12-38 (1/2" - 2")



Stainless-Steel Valve

Type VL-Z321 L / T



Valve 3-ways , with threaded ends, drilling in L or T, reduced opening

PN 63 DN 12-38 (1/2" - 2")

Dimensions (mm)

Z	DN	A	B	C	Ød1	Ød2	E	ØF	ØG	H	K	L
1/2"	12	38,5	11	130	6	6	62	36	42	9	36	72
3/4"	15	42	11	130	6	6	64	36	42	9	41,5	83
1"	20	49	14	165	6	7,1	82	42	50	11	49,5	99
1 1/4"	25	55	14	165	6	7,1	89	42	50	11	56	112
1 1/2"	32	63	18	205	7,1	9,2	98	50	70	14	62,5	125
2"	38	74	18	205	7,1	9,2	108	50	70	14	74,5	149

Positions

PORT	1	2	3	4
TYPE				
L				
T				

Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	3	1.4408
3	Housing seal	3	PTFE
4	Ball	1	1.4401
5	Seat	4	PTFE
			verst.
6	Operating shaft	1	1.4401
7	Clamping ring	1	PTFE
8	O-ring seal	1	Viton
9	Operating shaft seal	2	PTFE
10	Gland	1	1.4301
11	Washer	2	1.4301
12	Shaft nut	1	1.4301
13	Circlips	1	1.4301
14	Ring	1	1.4301
15	Cam	1	1.4301
16	Nut	1	1.4301
17	Hnadle	1	1.4301
18	Hnadle coating	1	Plastic
19	Body stop	1	1.4301

Temperature: -10°C à 180°C
(See pressure-temperature diagram)

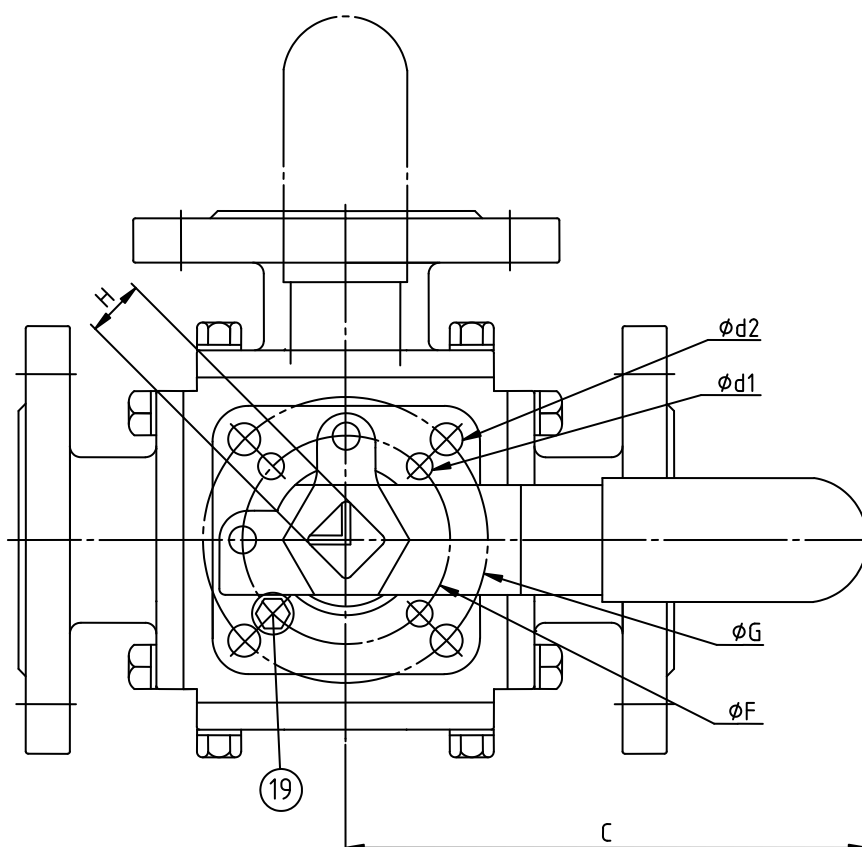
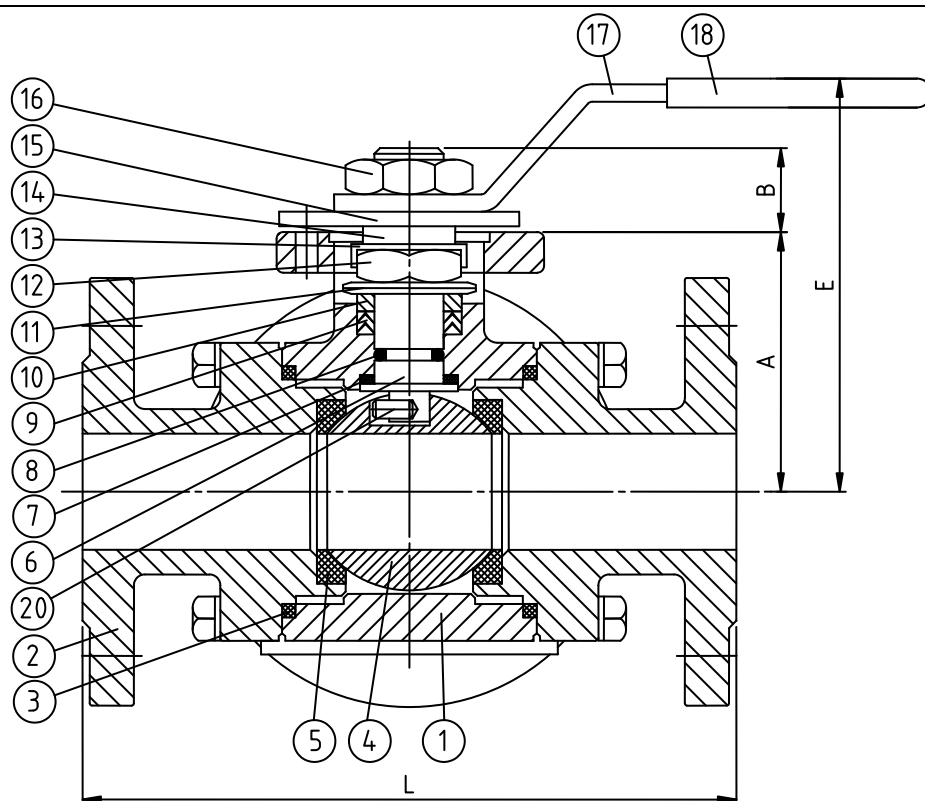
Stainless-Steel Valve

Type VL-Z316 L / T - VL-Z340 L / T



Valve 3-ways flanged PN 16/40, drilling in L or T, full opening

PN 16- PN 40 DN 15-100



Stainless-Steel Valve

Type VL-Z316 L / T - VL-Z340 L / T



Valve 3-ways flanged PN 16/40, drilling in L or T, full opening

PN 16- PN 40 DN 15-100

Dimensions (mm)

	DN	A	B	C	Ød1	Ød2	E	ØF	ØG	H	L	
											PN16	PN40
1/2"	15	41	11	130	6,0	6,0	62	36	42	9	160	160
3/4"	20	49	14	165	6,0	7,1	82	42	50	11	177	177
1"	25	55	14	165	6,0	7,1	89	42	50	11	190	200
1 1/4"	32	63	18	205	7,1	9,2	98	50	70	14	208	218
1 1/2"	40	74	18	205	7,1	9,2	108	50	70	14	234	234
2"	50	93	23	325	9,2	11,4	140	70	102	17	273	273
2 1/2"	65	119	25	400	---	11,4	199	---	102	22	300	300
3"	80	137	25	500	---	11,4	217	---	102	22	305	330,4
4"	100	157	25	650	---	11,4	237	---	102	22	368,5	393,5

Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	Body part	3	1.4408
3	Housing seal	3	PTFE
4	Bll	1	1.4401
5	Seat	4	PTFE
			consolidated
6	Operating shaft	1	1.4401
7	Clamping ring	1	PTFE
8	O-ring seal	1	Viton
9	Operating shaft seal	2	PTFE
10	Gland	1	1.4301
11	Washer	2	1.4301
12	Nut	1	1.4301
13	Nut brake	1	1.4301
14	Ring	1	1.4301
15	Cam	1	1.4301
16	Nut	1	1.4301
17	Handle	1	1.4301
18	Handle coating	1	Plastic
19	Body stop	1	1.4301
20	Safety pin	1	1.4401

Temperature: -10°C à 200°C
(See pressure-temperature diagram)

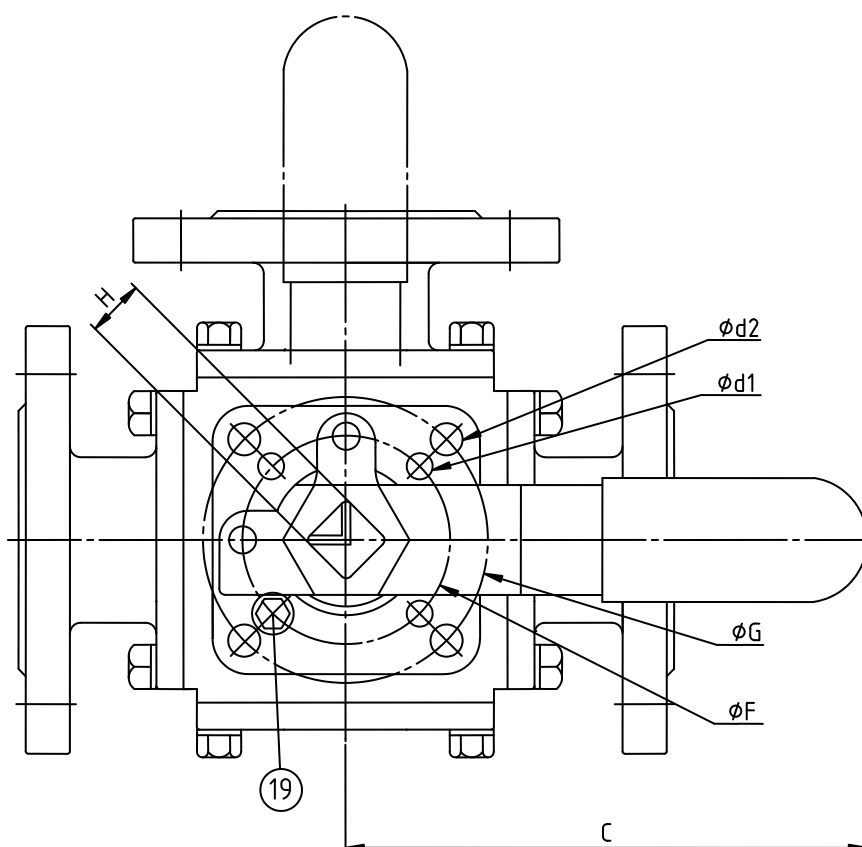
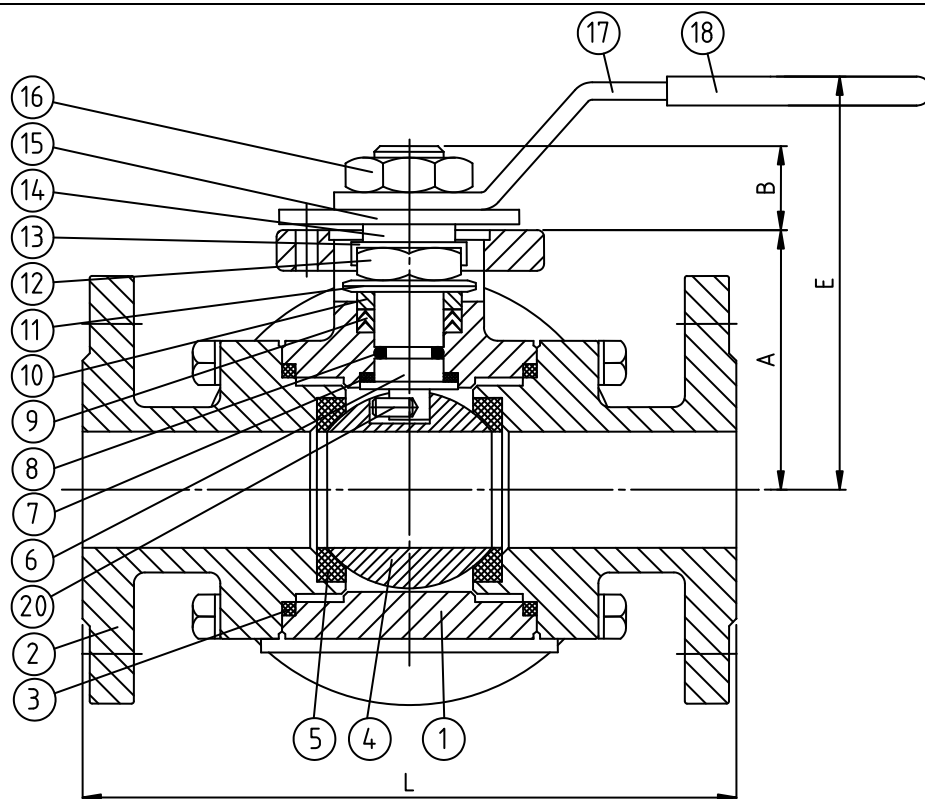
Stainless-Steel Valve

Type VL-Z315 L / T - VL-Z330 L / T



Valve 3-ways flanged ANSI 150/300, drilling in L or T , full opening

ANSI 150- ANSI 300 DN 15-100



Stainless-Steel Valve

Type VL-Z315 L / T - VL-Z330 L / T



Valve 3-ways flanged ANSI 150/300, drilling in L or T , full opening

ANSI 150- ANSI 300 DN 15-100

Dimensions (mm)

	DN	A	B	C	Ød1	Ød2	E	ØF	ØG	H	L ANSI	
											150	300
1/2"	15	41	11	130	6,0	6,0	62	36	42	9	152	160
3/4"	20	49	14	165	6,0	7,1	82	42	50	11	167	177
1"	25	55	14	165	6,0	7,1	89	42	50	11	190	200
1 1/4"	32	63	18	205	7,1	9,2	98	50	70	14	208	218
1 1/2"	40	74	18	205	7,1	9,2	108	50	70	14	220	234
2"	50	93	23	325	9,2	11,4	140	70	102	17	253	273
2 1/2"	65	119	25	400	---	11,4	199	---	102	22	300	300
3"	80	137	25	500	---	11,4	217	---	102	22	305	330,4
4"	100	157	25	650	---	11,4	237	---	102	22	368,5	393,5

Pos	Nomenclature	Quantité	Matière
1	Housing	1	1.4408
2	Body part	3	1.4408
3	Housing seal	3	PTFE
4	Ball	1	1.4401
5	Seat	4	PTFE
			consolidated
6	Operating shaft	1	1.4401
7	Clamping ring	1	PTFE
8	O-ring seal	1	Viton
9	Operating shaft seal	2	PTFE
10	Gland	1	1.4301
11	Washer	2	1.4301
12	Nut shaft	1	1.4301
13	Circlips	1	1.4301
14	Ring	1	1.4301
15	Cam	1	1.4301
16	Nut	1	1.4301
17	Handle	1	1.4301
18	Handle coating	1	Plastic
19	Body stop	1	1.4301
20	Safety pin	1	1.4401

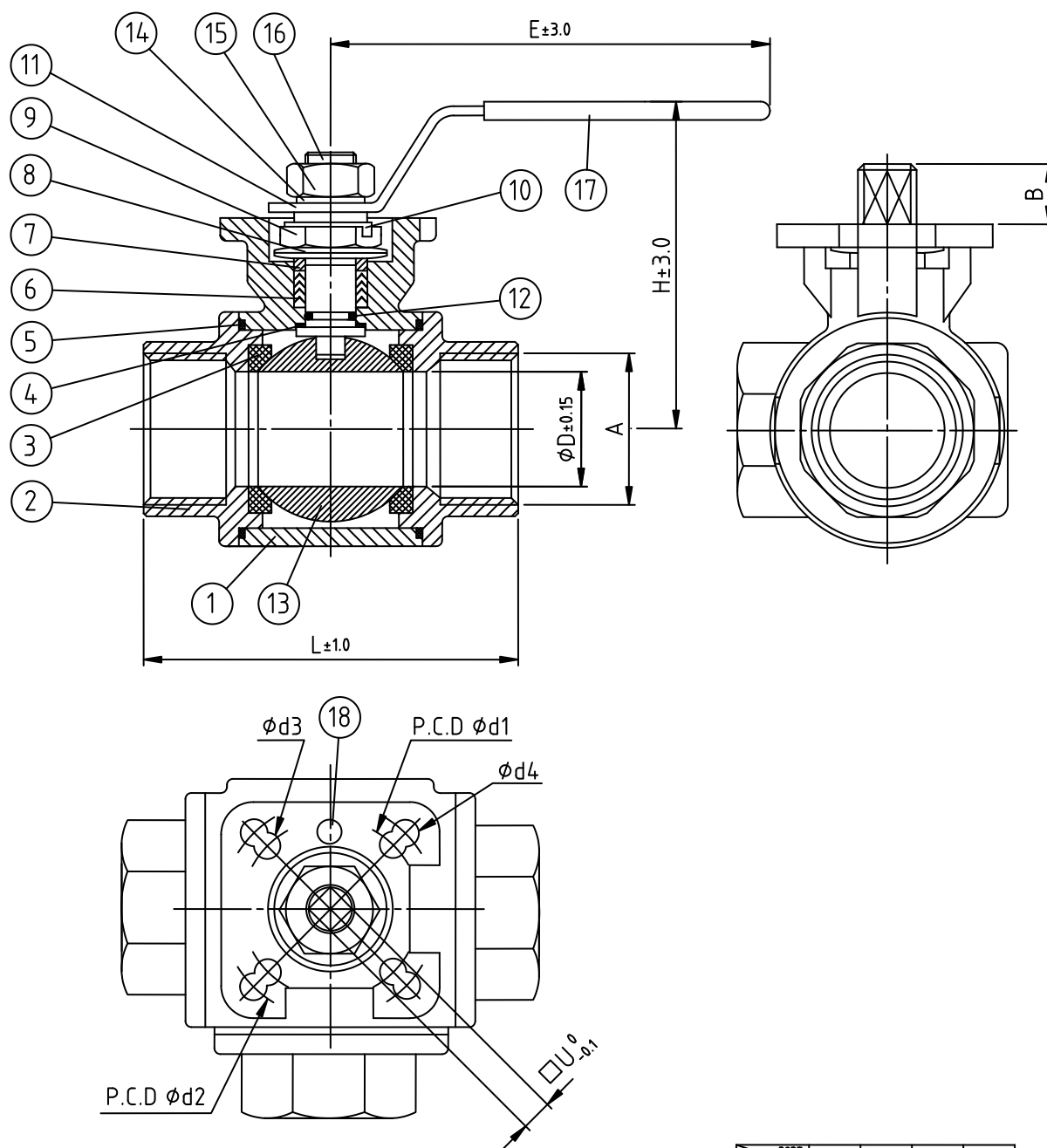
Temperature: -10°C à 200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-321 L / T



Valve 3-ways , with threaded ends, drilling in L or T, reduced opening

PN 63 DN 8-50 (1/4" – 2")



PORT	1	2	3	4
TYPE				
L	1 3	2 3	1 3	2 3
T	1 3	1 3	2 3	2 3

Stainless-Steel Valve

Type VL-321 L / T



Valve 3-ways , with threaded ends, drilling in L or T, reduced opening

PN 63 DN 8-50 (1/4" – 2")

Dimensions (mm)

A	ØD	E	H	L	B	□U	Ød1	Ød3	Ød2	Ød4	ISO 5211
1/4"	12	114	73	80	7,4	9	36	5,5	42	5,5	F03.F04
3/8	12	114	73	80	7,4	9	36	5,5	42	5,5	F03.F04
1/2"	12	114	73	80	7,4	9	36	5,5	42	5,5	F03.F04
3/4"	15	133	78	87,5	12,8	11	42	5,5	50	6,5	F04.F05
1"	20	133	83	100	11,4	11	42	5,5	50	6,5	F04.F05
1 1/4"	25	187	92	123	12,4	11	42	5,5	50	6,5	F04.F05
1 1/2"	32	187	98	142,2	9,8	11	42	5,5	50	6,5	F04.F05
2"	40	187	126	170,6	15,8	14	50	6,5	70	8,5	F05.F07

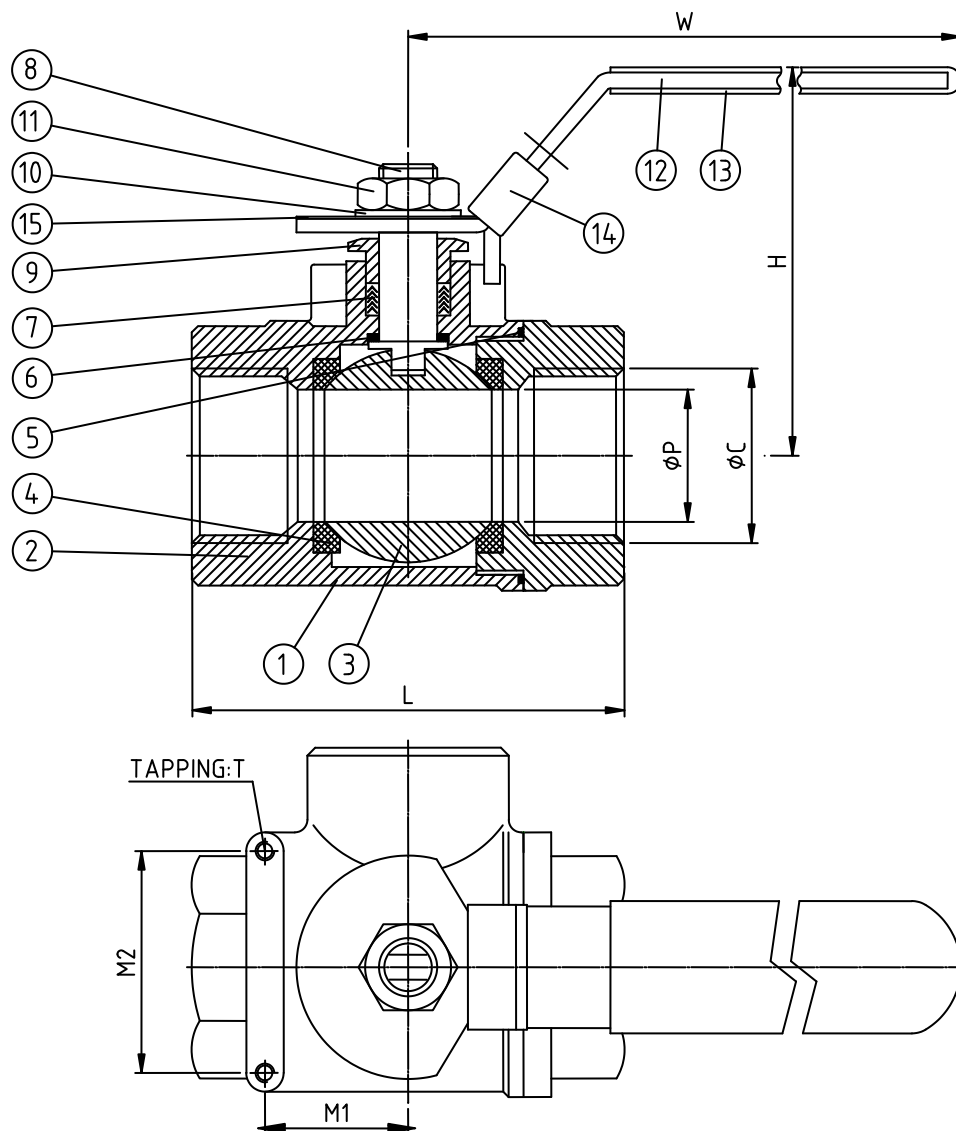
Pos	Nomenclature	Quantity	Materials
1	Housing	1	1.4408
2	End piece	3	1.4408
3	Seat	4	PTFE
			consolidated
4	Clamping ring	1	PTFE
5	Housing seal	3	PTFE
6	Operating shaft seal	2	PTFE
7	Intermediate ring	1	1.4301
8	Washer	2	1.4301
9	Gland nut	1	1.4301
10	Circlips	1	1.4301
11	Handle	1	1.4301
12	O-ring seal	1	Viton
13	Ball	1	1.4401
14	Washer	1	1.4301
15	Nut	1	1.4301
16	Operating shaft	1	1.4401
17	Handle coating	1	Plastic
18	Body stop	1	1.4301

Température: -10°C à 200°C
(See pressure-temperature diagram)

Stainless-Steel Valve Type VL-301 L



Valve 3-ways , with threaded ends, drilling in L
PN 63 DN 6-50 (1/4" - 2")



Pos	Nomenclature	Quantité	Matière
1	Housing	1	1.4408
2	Body part	1	1.4408
3	Ball	1	1.4401
4	Seat	2	PTFE
5	Housing seal	1	PTFE
6	Clamping ring	1	PTFE
7	Operating shaft seal	1 kit	PTFE
8	Operating shaft	1	1.4401
9	Gland	1	1.4301
10	Washer	1	1.4301
11	Nut	1	1.4301
12	Handle	1	1.4301
13	Handle coating	1	Plastique
14	Locking device	1	1.4301
15	Position indicator	1	Aluminum

Dimensions, poids									
DN	ØC	ØP	L	H	W	M1	M2	G (kg)	
6	1/4"	11,2	60	56	96	12,7	28,5	0,5	
10	3/8"	11,2	60	56	96	12,7	28,5	0,5	
15	1/2"	12,7	60	56	96	12,7	28,5	0,8	
20	3/4"	16	74	64	125	22,4	35	1,0	
25	1"	20	82	66	125	22,4	35	1,5	
32	1 1/4"	25	96	70	145	22,4	35	2,0	
40	1 1/2"	32	114	83	145	25,4	38,1	3,0	
50	2"	38,1	142	88	205	25,4	38,1	5,0	

Thread according to DIN 2999
Temperature: -10°C à 200°C
(See pressure-temperature diagram)



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