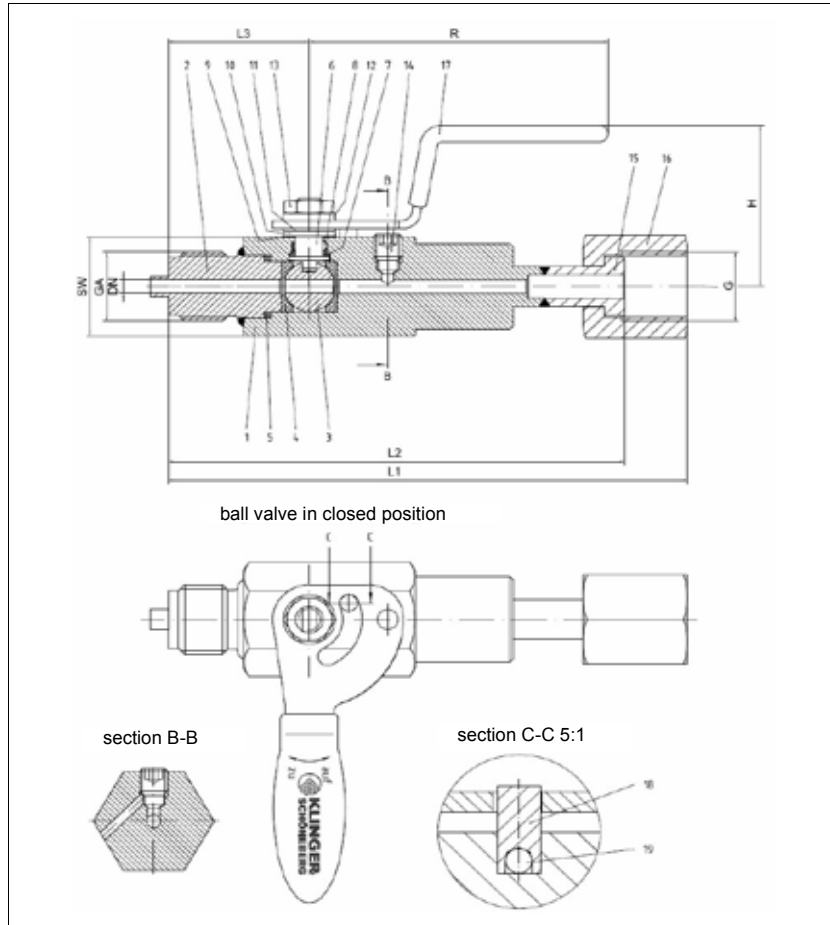


BALL VALVES INTEC

K610/3, DN4, PN160
with vent bore

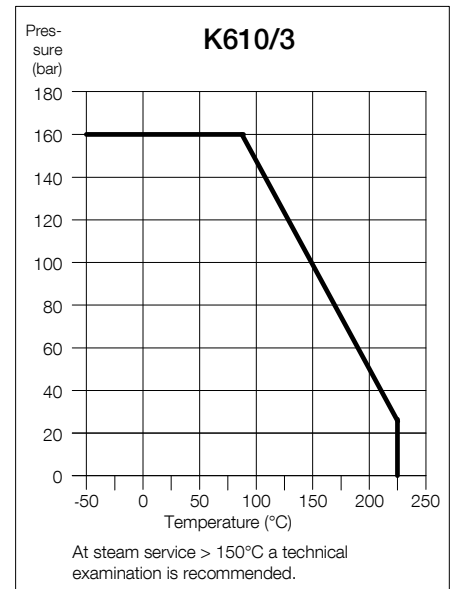


Pressure gauge ball valve
connection G ½" A acc. to DIN 16288
collar cap with cap nut G ½" acc. to
DIN 16284
face to face dimension acc. to
producers standard

Specification:

Pressure gauge ball valve, connection
G ½" A acc. to DIN 16288, collar cap with
cap nut G ½" acc. to DIN 16284, blow-out-
proof stem, body material stainless steel
(1.4408), body fully welded, acc. to the
safety requirements of chemical industry,
antistatic device, free of non ferrous metals,
with vent bore, certified acc. to German
clean air act VDI 2440, with lever.

Marking: INTEC
Type: K610/3



No.	Part	Material
1	body	1.4408
2	cap	1.4571/1.4404
3	ball	1.4571/1.4404
4	seat	KFGN
5	sealing ring	KF
6	stem	1.4571/1.4404
7	friction washer	KFSM
8	cone ring	KF
9	sealing washer	KFA
10	washer	A2
11	plate spring	1.4310
12	serrated lock washer	A2
13	hex. nut	A2
14	vent screw	A4/1.4571/1.4404
15	collar cap	1.4571/1.4404
16	cap nut	1.4571/1.4404
17	safety lever	1.4301/plasticised PVC
18	stopper	1.4571/1.4404
19	ball	1.4571/1.4404

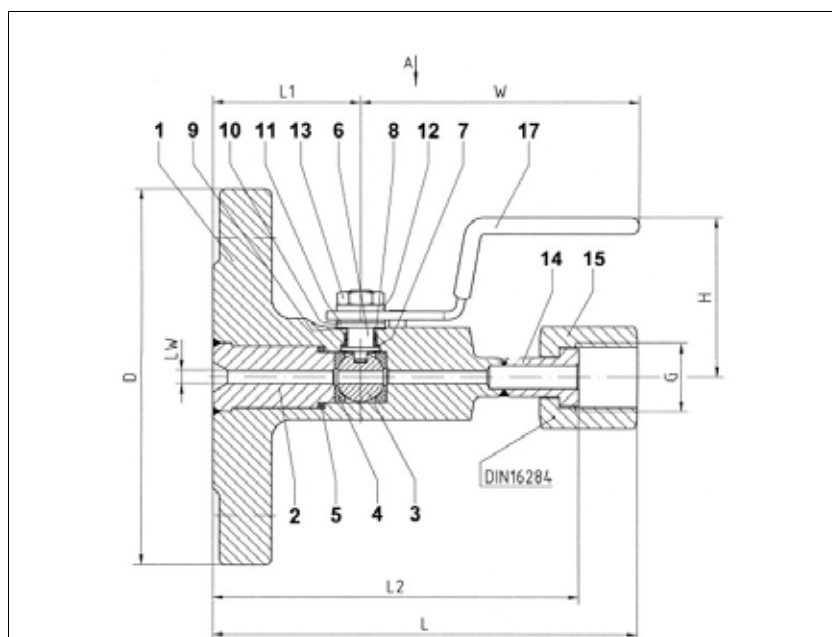
Dimensions

G	GA	DN	dimensions (mm)					SW	weight
			L1	L2	L3	H	R		kg
G ½"	G ½"	Ø 4	125.5	107.5	40.5	49	86	27	0.6

Ordering example:
K610/3, DN 4, PN 160, 1.4408

BALL VALVES INTEC

K620/2, DN15 - DN100, PN16/40
without vent bore



Pressure gauge ball valve with flange connection acc. to EN 1092 collar cap with cap nut G 1/2" acc. to DIN 16284 face to face dimensions acc. to producers standard

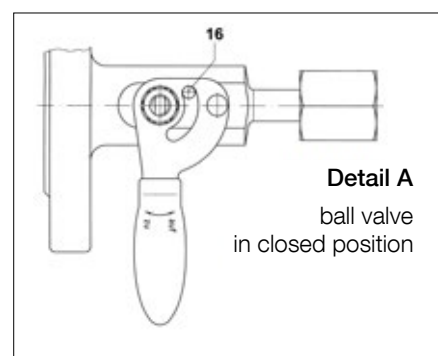
Specification:

Pressure gauge ball valve with flange connection acc. to EN 1092, collar cap with cap nut G 1/2" acc. to DIN 16284, fully welded body material stainless steel (1.4408/1.4571/1.4404), antistatic device, free of non ferrous metals, maintenance free shaft sealing with friction washer and cone ring, without vent bore, certified acc. to GERMAN clean air act VDI 2440, with lever.

Marking: INTEC

Type: K620/2

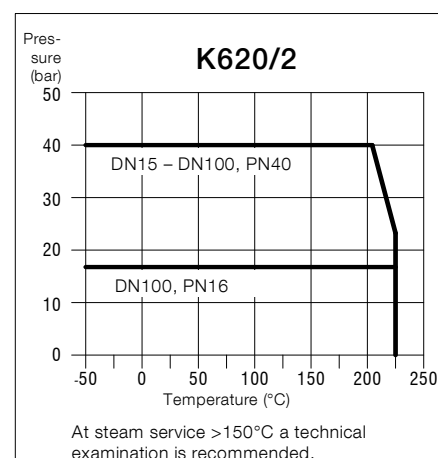
No.	Part	Material code
1	body	1.4408/1.4571/1.4404
2	cap	1.4571/1.4404
3	ball	1.4571/1.4404
4	seat	KFGN
5	seal	KF
6	stem	1.4571/1.4404
7	friction washer	KFSM
8	cone ring	KF
9	antistatic element	KFA
10	washer	A2
11	plate spring	1.4310
12	serrated lock washer	A2
13	hex. nut	A2
14	collar cap	1.4571/1.4404
15	cap nut	1.4571/1.4404
16	stopper	1.4571/1.4404
17	lever	1.4301/plasticised PVC



Dimensions

DN mm	LW	PN	G	dimensions (mm)					
				L	L1	L2	H	W	D
15	4	40	1/2"	130	45	112	49	86	95
20	4	40	1/2"	130	45	112	49	86	105
25	4	40	1/2"	130	45	112	49	86	115
32	4	40	1/2"	130	45	112	49	86	140
40	4	40	1/2"	130	45	112	49	86	150
50	4	40	1/2"	130	45	112	49	86	165
65	4	40	1/2"	130	45	112	49	86	185
80	4	40	1/2"	130	45	112	49	86	200
100	4	16	1/2"	130	45	112	49	86	220
100	4	40	1/2"	130	45	112	49	86	235

Other pressure classes on request

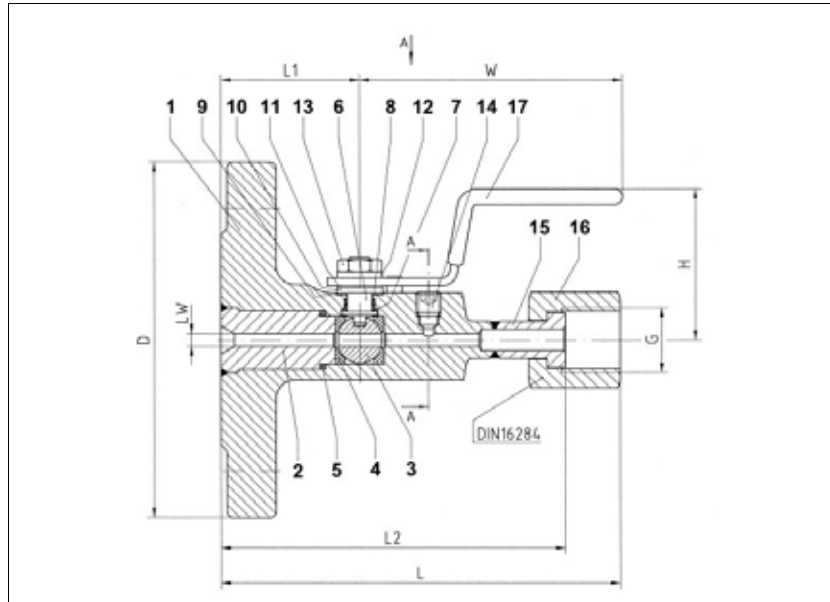


Ordering example:

INTEC K620/2, DN25, PN40, 1.4408

BALL VALVES INTEC

K620/3, DN15 - DN100, PN16/40
with vent bore



Pressure gauge ball valve with flange connection acc. to EN 1092 collar cap with cap nut G 1/2" acc. to DIN 16284 face to face dimensions acc. to producers standard

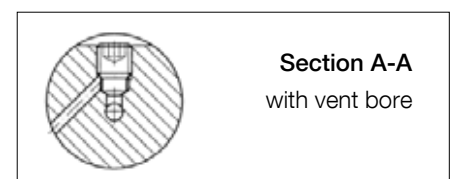
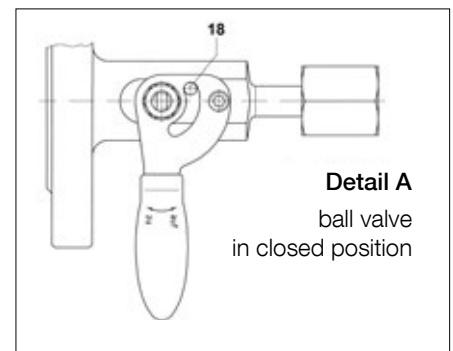
Specification:

Pressure gauge ball valve with flange connection acc. to EN 1092, collar cap with cap nut G 1/2" acc. to DIN 16284, fully welded body material stainless steel (1.4408/1.4571/1.4404), antistatic device, free of non ferrous metals, maintenance free shaft sealing with friction washer and cone ring, with vent bore, the design of the lever prevent aeration in opened position (patented!), certified acc. to GERMAN clean air act VDI 2440, with lever.

Marking: INTEC

Type: K620/3

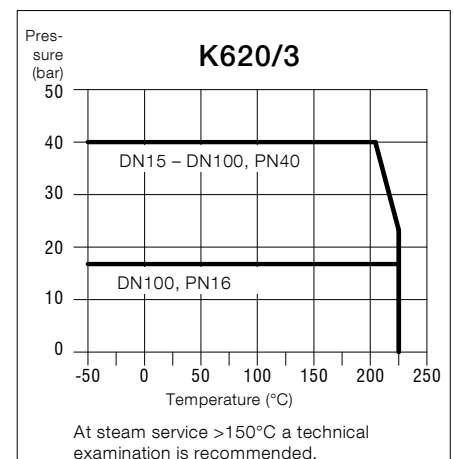
No.	Part	Material code
1	body	1.4408/1.4571/1.4404
2	cap	1.4571/1.4404
3	ball	1.4571/1.4404
4	seat	KFGN
5	seal	KF
6	stem	1.4571/1.4404
7	friction washer	KFSM
8	cone ring	KF
9	antistatic element	KFA
10	washer	A2
11	plate spring	1.4310
12	serrated lock washer	A2
13	hex. nut	A2
14	vent screw	A4/1.4571/1.4404
15	collar cap	1.4571/1.4404
16	cap nut	1.4571/1.4404
17	safety lever	1.4301/plasticised PVC
18	stopper	1.4571/1.4404



Dimensions

DN mm	LW	PN	G	dimensions (mm)					
				L	L1	L2	H	W	D
15	4	40	1/2"	130	45	112	49	86	95
20	4	40	1/2"	130	45	112	49	86	105
25	4	40	1/2"	130	45	112	49	86	115
32	4	40	1/2"	130	45	112	49	86	140
40	4	40	1/2"	130	45	112	49	86	150
50	4	40	1/2"	130	45	112	49	86	165
65	4	40	1/2"	130	45	112	49	86	185
80	4	40	1/2"	130	45	112	49	86	200
100	4	16	1/2"	130	45	112	49	86	220
100	4	40	1/2"	130	45	112	49	86	235

Other pressure classes on request

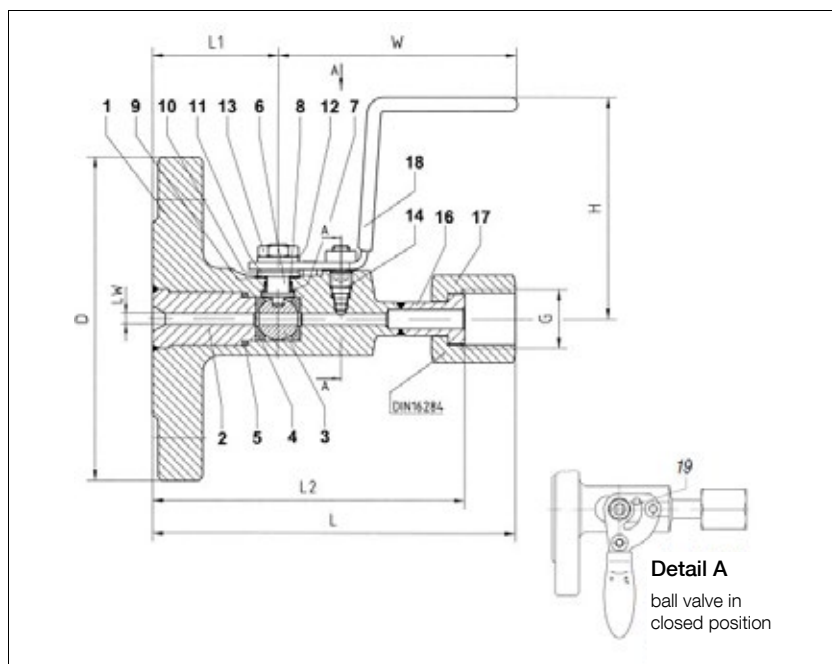


Ordering example:

INTEC K620/3, DN25, PN40, 1.4571

BALL VALVES INTEC

**K620/4-2, DN15 - DN100, PN16/40
with vent bore and expansion tube
resp. test connection port G 1/8"**



Pressure gauge ball valve with flange connection acc. to EN 1092 collar cap with cap nut G 1/2" acc. to DIN 16284 expansion tube resp. test connection port G 1/8" face to face dimensions acc. to producers standard

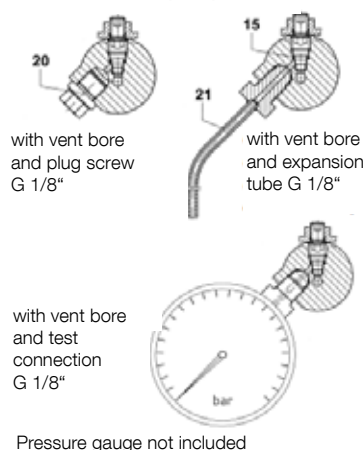
Specification:

Pressure gauge ball valve with flange connection acc. to EN 1092, collar cap with cap nut G 1/2" acc. to DIN 16284, fully welded body material stainless steel (1.4408/1.4571/1.4404), antistatic device, free of non ferrous metals, maintenance free shaft sealing with friction washer and cone ring, with vent bore, expansion tube resp. test connection port G 1/8", the design of the lever prevent aeration in opened position (patented!), vent screw O-ring sealed, certified acc. to GERMAN clean air act VDI 2440, lever be able to lock in opened and closed position.

Marking: INTEC
Type: K620/4-2

No.	Part	Material code
1	body	1.4408/1.4571/1.4404
2	cap	1.4571/1.4404
3	ball	1.4571/1.4404
4	seat	KFGN
5	seal	KF
6	stem	1.4571/1.4404
7	friction washer	KFSM
8	cone ring	KF
9	antistatic element	KFA
10	washer	A2
11	plate spring	1.4310
12	serrated lock washer	A2
13	hex. nut	A2
14	vent screw	A4/1.4571/1.4404
15	o-ring	Viton
16	collar cap	1.4571/1.4404
17	cap nut	1.4571/1.4404
18	safety lever	1.4301/plasticised PVC
19	stopper	1.4571/1.4404
20	plug screw	1.4571/1.4404
21	expansion tube G 1/8"/tube Ø 4x1x120	1.4571/1.4404

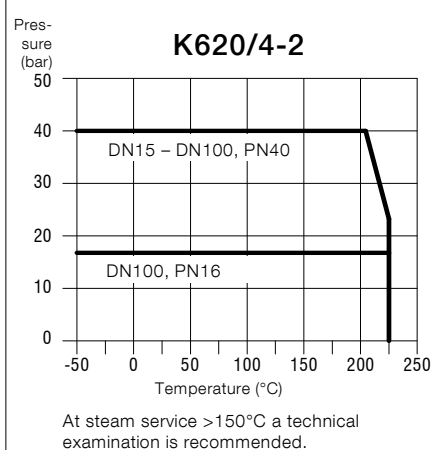
Section A-A - open position



Dimensions

DN mm	LW	PN	G	dimensions (mm)					
				L	L1	L2	H	W	D
15	4	40	1/2"	130	45	112	79	86	95
20	4	40	1/2"	130	45	112	79	86	105
25	4	40	1/2"	130	45	112	79	86	115
32	4	40	1/2"	130	45	112	79	86	140
40	4	40	1/2"	130	45	112	79	86	150
50	4	40	1/2"	130	45	112	79	86	165
65	4	40	1/2"	130	45	112	79	86	185
80	4	40	1/2"	130	45	112	79	86	200
100	4	16	1/2"	130	45	112	79	86	220
100	4	40	1/2"	130	45	112	79	86	235

Other pressure classes on request

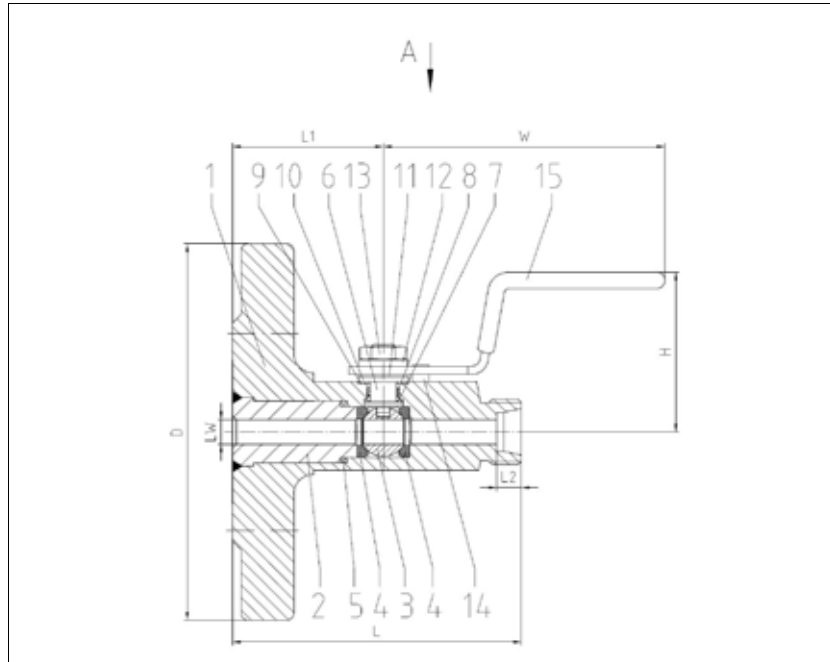


Ordering example:

**INTEC K620/4-2, DN25, PN40, 1.4571
with test connection G 1/8"**

BALL VALVES INTEC

K640/2, DN15 - DN100, PN16/40
without vent bore



Pressure gauge ball valve with flange connection acc. to EN 1092 pipe screwing light/heavy series acc. to DIN 2353 10-S and 12-S face to face dimensions acc. to producers standard

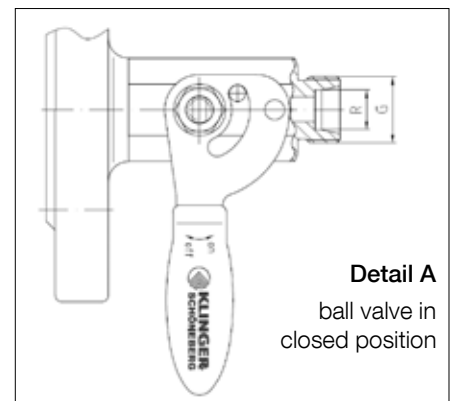
Specification:

Pressure gauge ball valve with flange connection acc. to EN 1092, pipe screwing light/heavy series acc. to DIN 2353 10-S and 12-S, fully welded body material stainless steel (1.4408/1.4571/1.4404), antistatic device, free of non ferrous metals, maintenance free shaft sealing with friction washer and cone ring, without vent bore, certified acc. to GERMAN clean air act VDI 2440, with lever.

Marking: INTEC

Type: K640/2

No.	Part	Material
1	body	1.4408/1.4571/1.4404
2	cap	1.4571/1.4404
3	ball	1.4571/1.4404
4	seat	KFGN
5	seal	KF
6	stem	1.4571/1.4404
7	friction washer	KFSM
8	cone ring	KF
9	antistatic element	KFA
10	washer	A2
11	plate spring	1.4310
12	serrated lock washer	A2
13	hex. nut	A2
14	stopper	1.4571/1.4404
15	lever	1.4301/plasticised-PVC

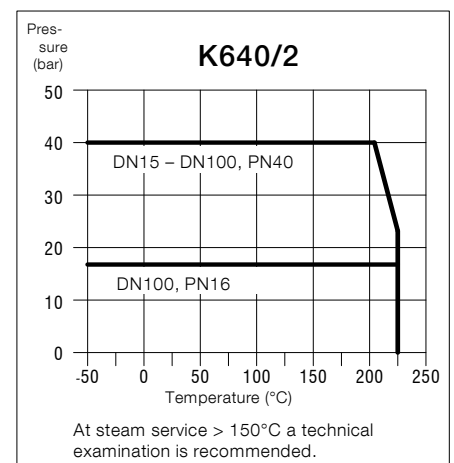


DN (mm)	R	G
all DN	10-S	M18x1.5
all DN	12-S	M20x1.5

Dimensions

DN mm	LW	PN	dimensions (mm)					
			L	L1	L2	H	W	D
15	7.5	40	85	45	7.5	49	86	95
20	7.5	40	85	45	7.5	49	86	105
25	7.5	40	85	45	7.5	49	86	115
32	7.5	40	85	45	7.5	49	86	140
40	7.5	40	85	45	7.5	49	86	150
50	7.5	40	85	45	7.5	49	86	165
65	7.5	40	85	45	7.5	49	86	185
80	7.5	40	85	45	7.5	49	86	200
100	7.5	16	85	45	7.5	49	86	220
100	7.5	40	85	45	7.5	49	86	235

Other pressure classes on request



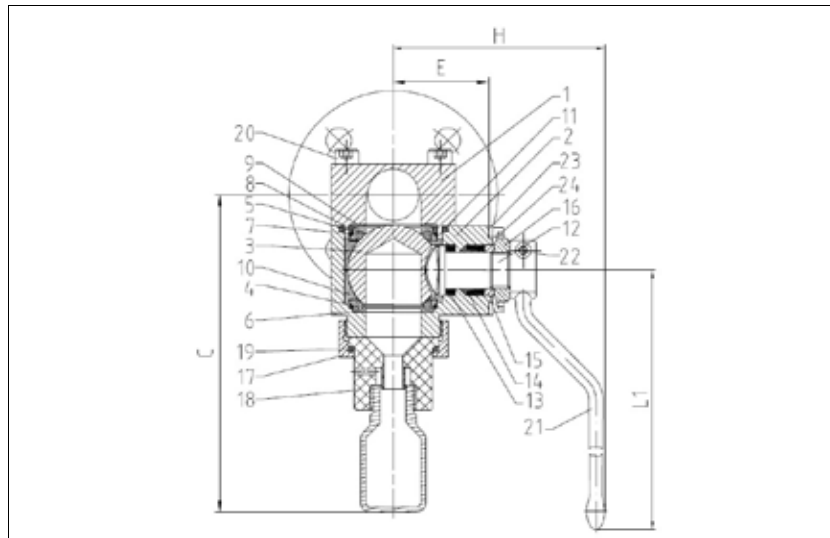
Ordering example:

INTEC K640/2, DN25, PN40, 1.4408, 10-S, M18x1,5

BALL VALVES INTEC

K730, DN15 - DN200, PN 16/40

Sample volume per switch cycle 10, 15 or 25 ml,
soft seated

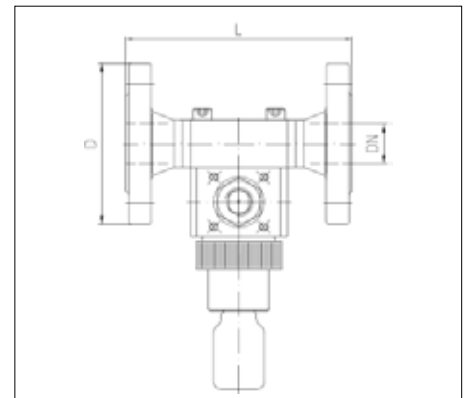


Sampling device ball valve with
flanges acc. to EN 1092
connection thread for sample bottle
acc. to DIN 168 GL 25, GL 32, GL 45
full bore
face to face acc. to EN 558, GR. 1
face to face acc. to EN 558, GR. 27

Specification:

Sampling device ball valve with flanges acc. to EN 1092, connection thread for sample bottle acc. to DIN 168 GL 25, GL 32, GL 45, face to face dimensions acc. to EN 558, GR.1/GR.27, full bore, blow-out-proof stem, body material stainless steel (1.4571/1.4404/1.4408), antistatic device, free of non ferrous metals, ball with pocket hole for a defined sample volume of 10, 15, 25 ml, cavity reduced through spherical cap, seat fully chambered, top flange DIN EN ISO 5211, approved by PED, certified acc. to GERMAN clean air act VDI 2440, with lever.

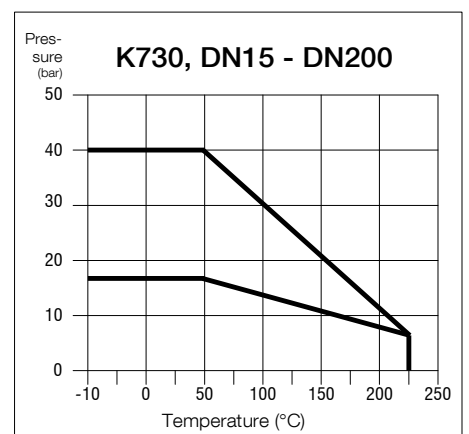
Marking: INTEC 730



No.	Part	Material
design PN 16		
1	adapter	1.4571/1.4404/1.4408
2	body	1.4571/1.4404/1.4408
3	ball	1.4571/1.4404
4	seat exit port	KFM
5	seat entry port	KFM
6	seat bearing ring	1.4571/1.4404
7	bearing ring seal	KF
8	follower ring	1.4571/1.4404
9	plate spring	Inconel 718
10	spherical cap	1.4571/1.4404
11	body seal	KF
12	stem	1.4462
13	below seal	KFGN/Graphite
14	upper seal	KFAM/Graphite
15	bearing	PEEK
16	hex. nut self-locking	A2/1.4301
17	cap nut	1.4301
18	bottle adapter	KFGN
19	o-ring	Viton
20	allen screw	A4-70
21	lever	1.4408
22	allen screw	A2-70
23	stopper	1.4301
24	allen screw	A2-70
design PN 40		
4	seat exit port	PEEK

Dimensions

DN mm	PN	dimensions (mm)		L (GR.1)	L (GR.27)	D	E	C sample bottle		
		H	L1					25 ml (GL25)	50 ml (GL32)	100 ml (GL45)
15	16/40	116.5	180	130	-	95	52.5	170.3	187.3	200.3
20	16/40	116.5	180	150	-	105	52.5	172.5	189.5	202.5
25	16/40	116.5	180	160	-	115	52.5	175.1	192.1	205.1
32	16/40	116.5	180	180	-	140	52.5	177.6	194.6	207.6
40	16/40	116.5	180	200	140	150	52.5	180.5	197.5	210.5
50	16/40	116.5	180	230	150	165	52.5	186.75	203.75	216.75
65	16/40	216.5*	180	290	170	185	52.5	198.1	215.1	228.1
80	16/40	216.5*	180	310	180	200	52.5	209.5	226.5	239.5
100	16/40	216.5*	180	350	190	200/235	52.5	223.4	240.4	253.4
125	16/40	216.5*	180	-	325	250/270	52.5	237.3	254.5	267.5
150	16/40	216.5*	180	-	350	285/300	52.5	252.0	269.0	282.0
200	16/40	216.5*	180	-	400	340/375	52.5	266.4	283.4	296.4



* incl. 100 mm stem extension.

Protection box, safety cover and/or heating jacket on request.

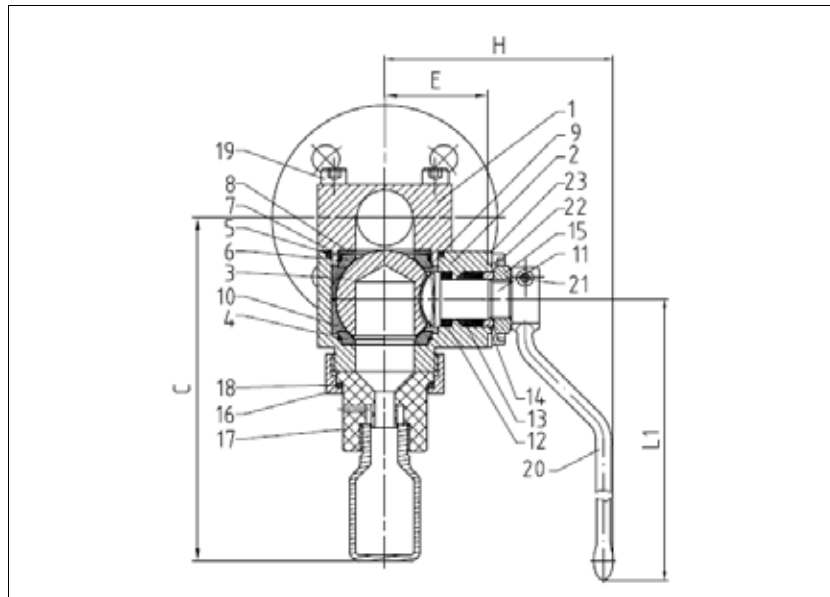
- special material on request.

Ordering example:
INTEC K730, DN50, PN16, GR.1,
25 ml, GL 25

BALL VALVES INTEC

K731, DN15 - DN200, PN16/40

Sample volume per switch 10, 15 or 25 ml,
metal seated



No.	Part	Material
1	adapter	1.4571/1.4404/1.4408
2	body	1.4571/1.4404/1.4408
3	ball	1.4571/1.4404 hard facing metal coated
4	seat exit port	1.4571/1.4404 hard facing metal coated
5	seat entry port	1.4571/1.4404 hard facing metal coated
6	bearing ring seal	KF
7	follower ring	1.4571/1.4404
8	plate spring	Inconel 718
9	body seal	KF
10	spherical cap	1.4571/1.4404
11	stem	1.4462
12	below seal	KFGN/Graphite
13	upper seal	KFAM/Graphite
14	upper stem bearing	PEEK
15	hex. nut self-locking	A2/1.4301
16	cap nut	1.4301
17	bottle adapter	KFGN
18	o-ring	Viton
19	allen screw	A4-70
20	lever	1.4408
21	allen screw	A2-70
22	allen screw	A2-70
23	stopper	1.4301

Dimensions

DN mm	PN	dimensions (mm)		L (GR.1)	L (GR.27)	D	E	C sample bottle		
		H	L1					25 ml (GL25)	50 ml (GL32)	100 ml (GL45)
15	16/40	116.5	250	130	-	95	52.5	170.3	187.3	200.3
20	16/40	116.5	250	150	-	105	52.5	172.5	189.5	202.5
25	16/40	116.5	250	160	-	115	52.5	175.1	192.1	205.1
32	16/40	116.5	250	180	-	140	52.5	177.6	194.6	207.6
40	16/40	116.5	250	200	140	150	52.5	180.5	197.5	210.5
50	16/40	116.5	250	230	150	165	52.5	186.75	203.75	216.75
65	16/40	216.5*	250	290	170	185	52.5	198.1	215.1	228.1
80	16/40	216.5*	250	310	180	200	52.5	209.5	226.5	239.5
100	16/40	216.5*	250	350	190	200/235	52.5	223.4	240.4	253.4
125	16/40	216.5*	250	-	325	250/270	52.5	237.3	254.5	267.5
150	16/40	216.5*	250	-	350	285/300	52.5	252.0	269.0	282.0
200	16/40	216.5*	250	-	400	340/375	52.5	266.4	283.4	296.4

* incl. 100 mm stem extension.

Protection box, safety cover and/or heating jacket on request.

- special material on request.

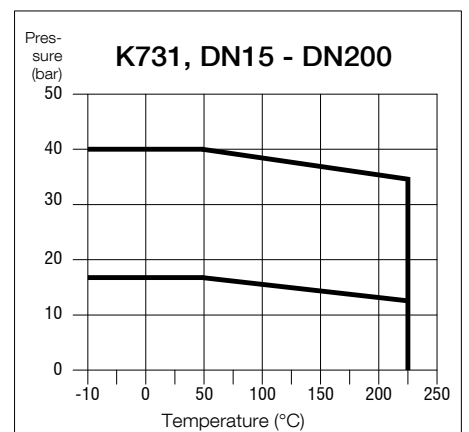
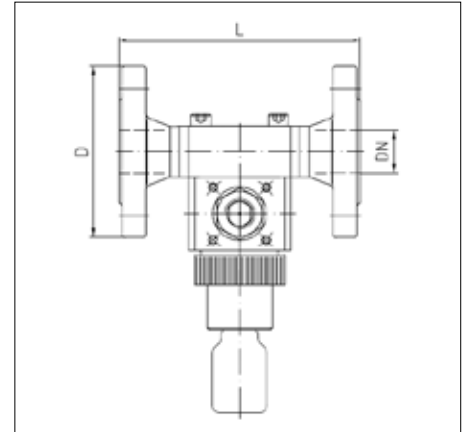
Sampling device ball valve
with flanges acc. to EN 1092
connection thread for sample bottle
acc. to DIN 168 GL 25, GL 32, GL 45
full bore
face to face acc. to EN 558, GR. 1
face to face acc. to EN 558, GR. 27

Specification:

Sampling device ball valve with flanges acc. to EN 1092, connection thread for sample bottle acc. to DIN 168 GL 25, GL 32, GL 45, face to face dimensions acc. to EN 558, GR.1/GR.27, full bore, blow-out-proof stem, body material stainless steel (1.4571/1.4404/1.4408), antistatic device, free of non ferrous metals, ball with pocket hole for a defined sample volume of 10, 15, 25 ml, cavity reduced through spherical cap, seats 1.4571/1.4404 hard facing metal coated, top flange DIN EN ISO 5211, approved by PED, certified acc. to GERMAN clean air act VDI 2440, with lever.

High-temperature design up to +400°C
on request.

Marking: INTEC K731

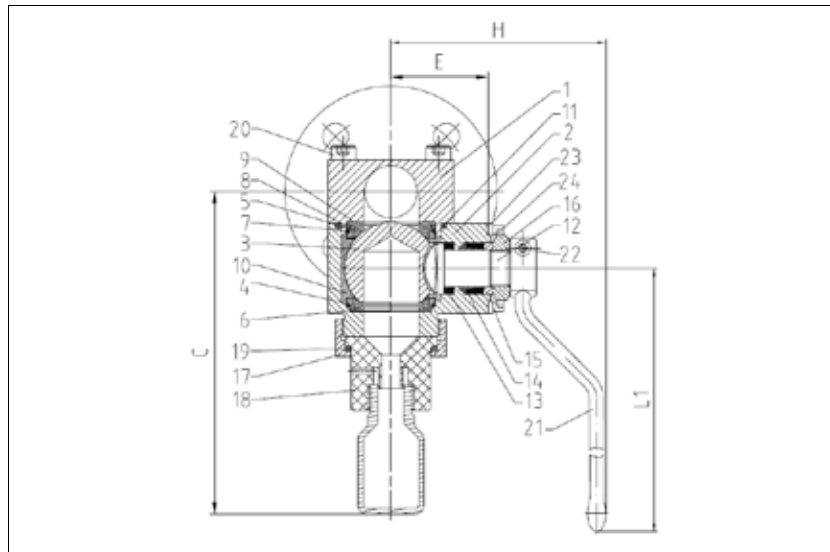


Ordering example:
INTEC K731, DN50, PN16, GR.1,
25 ml, GL 25

BALL VALVES INTEC

K740, DN15 - DN200, PN 16/40

Sample volume per switch cycle 40, 50 or 70 ml,
soft seated



No.	Part	Material
design PN 16		
1	adapter	1.4571/1.4404/1.4408
2	body	1.4571/1.4404/1.4408
3	ball	1.4571/1.4404
4	seat exit port	KFM
5	seat entry port	KFM
6	seat bearing ring	1.4571/1.4404
7	bearing ring seal	KF
8	follower ring	1.4571/1.4404
9	plate spring	Inconel 718
10	spherical cap	1.4571/1.4404
11	body seal	KF
12	stem	1.4462
13	below seal	KFGN/Graphite
14	upper seal	KFAM/Graphite
15	bearing	PEEK
16	hex. nut self-locking	A2/1.4301
17	cap nut	1.4301
18	bottle adapter	KFGN
19	o-ring	Viton
20	allen screw	A4-70
21	lever	1.4408
22	allen screw	A2-70
23	stopper	1.4301
24	allen screw	A2-70
design PN 40		
4	seat exit port	PEEK

Dimensions

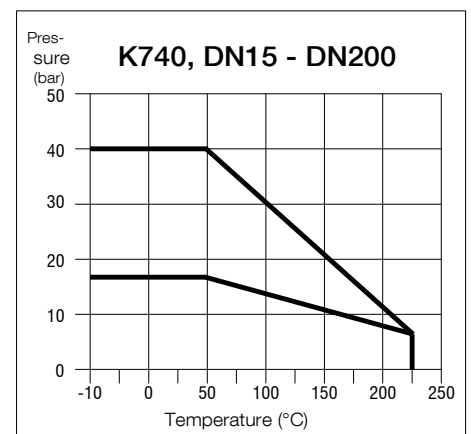
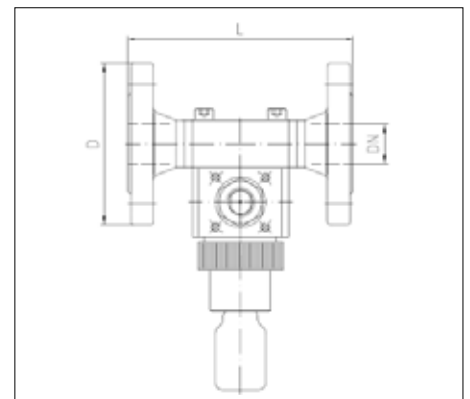
DN mm	PN	dimensions (mm)		L (GR.1)	L (GR.27)	D	E	C sample bottle		
		H	L1					50 ml (GL32)	100 ml (GL45)	250 ml (GL45)
15	16/40	125.5	300	160**	-	95	66.5	227	238	275
20	16/40	125.5	300	160**	-	105	66.5	227	238	275
25	16/40	125.5	300	160	-	115	66.5	227	238	264
32	16/40	125.5	300	180	-	140	66.5	228	239	272
40	16/40	125.5	300	200	140	150	66.5	231	242	275
50	16/40	125.5	300	230	150	165	66.5	237	248	281
65	16/40	225.5*	300	290	170	185	66.5	244	255	288
80	16/40	225.5*	300	310	180	200	66.5	252	263	296
100	16/40	225.5*	300	350	190	200/235	66.5	269	280	313
125	16/40	225.5*	300	-	325	250/270	66.5	284	295	328
150	16/40	225.5*	300	-	350	285/300	66.5	299	310	343
200	16/40	225.5*	300	-	400	340/375	66.5	334	345	378

Sampling device ball valve with
flanges acc. to EN 1092
connection thread for sample bottle
acc. to DIN 168 GL 25, GL 32, GL 45
full bore
face to face acc. to EN 558, GR. 1
face to face acc. to EN 558, GR. 27

Specification:

Sampling device ball valve with flanges acc. to EN 1092, connection thread for sample bottle acc. to DIN 168 GL 25, GL 32, GL 45, face to face dimensions acc. to EN 558, GR.1/GR.27, full bore, blow-out-proof stem, body material stainless steel (1.4571/1.4404/1.4408), antistatic device, free of non ferrous metals, ball with pocket hole for a defined sample volume of 40, 50, 70 ml, cavity reduced through spherical cap, seat fully chambered, top flange DIN EN ISO 5211, approved by PED, certified acc. to GERMAN clean air act VDI 2440, with lever.

Marking: INTEC K740



* incl. 100 mm stem extension.

Protection box, safety cover and/or heating jacket on request.

** special lengths

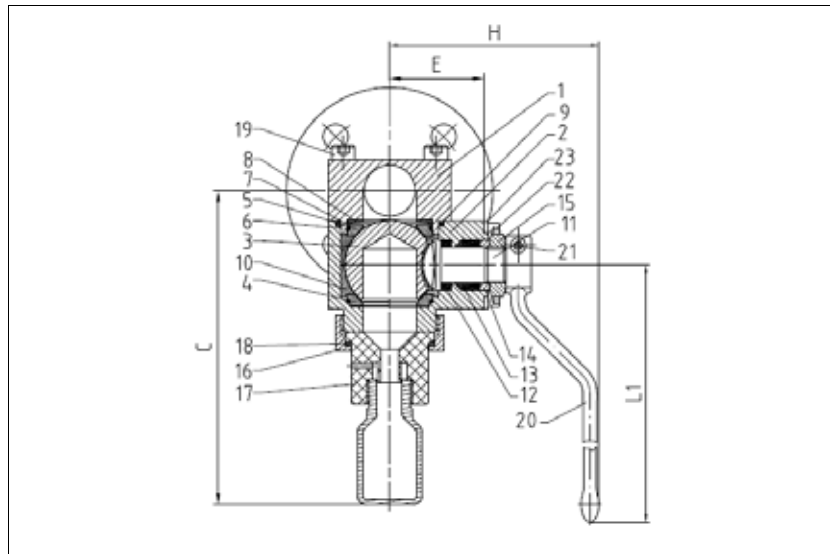
- special material on request.

Ordering example:
INTEC K740, DN50, PN16, GR.1,
50 ml, GL 32

BALL VALVES INTEC

K741, DN15 - DN200, PN16/40

Sample volume per switch 40, 50 or 70 ml,
metal seated



No.	Part	Material
1	adapter	1.4571/1.4404/1.4408
2	body	1.4571/1.4404/1.4408
3	ball	1.4571/1.4404 hard facing metal coated
4	seat exit port	1.4571/1.4404 hard facing metal coated
5	seat entry port	1.4571/1.4404 hard facing metal coated
6	bearing ring seal	KF
7	follower ring	1.4571/1.4404
8	plate spring	Inconel 718
9	body seal	KF
10	spherical cap	1.4571/1.4404
11	stem	1.4462
12	below seal	KFGN/Graphite
13	upper seal	KFAM/Graphite
14	upper stem bearing	PEEK
15	hex. screw self-locking	A2/1.4301
16	cap nut	1.4301
17	bottle adapter	KFGN
18	o-ring	Viton
19	allen screw	A4-70
20	lever	1.4408
21	allen screw	A2-70
22	allen screw	A2-70
23	stopper	1.4301

Dimensions

DN mm	PN	dimensions (mm)		L (GR.1)	L (GR.27)	D	E	C sample bottle		
		H	L1					50 ml (GL32)	100 ml (GL45)	250 ml (GL45)
15	16/40	125.5	360	160**	-	95	66.5	227	238	275
20	16/40	125.5	360	160**	-	105	66.5	227	238	275
25	16/40	125.5	360	160	-	115	66.5	227	238	264
32	16/40	125.5	360	180	-	140	66.5	228	239	272
40	16/40	125.5	360	200	140	150	66.5	231	242	275
50	16/40	125.5	360	230	150	165	66.5	237	248	281
65	16/40	225.5*	360	290	170	185	66.5	244	255	288
80	16/40	225.5*	360	310	180	200	66.5	252	263	296
100	16/40	225.5*	360	350	190	200/235	66.5	269	280	313
125	16/40	225.5*	360	-	325	250/270	66.5	284	295	328
150	16/40	225.5*	360	-	350	285/300	66.5	299	310	343
200	16/40	225.5*	360	-	400	340/375	66.5	334	345	378

* incl. 100 mm stem extension.

Protection box, safety cover and/or heating jacket on request.

** special lengths.

- special material on request.

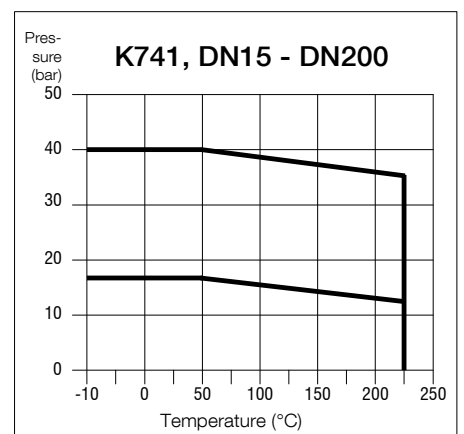
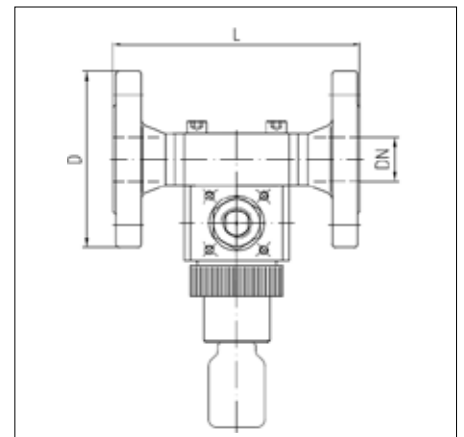
Sampling device ball valve
with flanges acc. to EN 1092
connection thread for sample bottle
acc. to DIN 168 GL 25, GL 32, GL 45
full bore
face to face acc. to EN 558, GR. 1
face to face acc. to EN 558, GR. 27

Specification:

Sampling device ball valve with flanges acc. to EN 1092, connection thread for sample bottle acc. to DIN 168 GL 25, GL 32, GL 45, face to face dimensions acc. to EN 558, GR.1/GR.27, full bore, blow-out-proof stem, body material stainless steel (1.4571/1.4404/1.4408), antistatic device, free of non ferrous metals, ball with pocket hole for a defined sample volume of 40, 50, 70 ml, cavity reduced through spherical cap, seats 1.4571/1.4404 hard facing metal coated, top flange DIN EN ISO 5211, approved by PED, certified acc. to GERMAN clean air act VDI 2440, with lever.

High-temperature design up to +400°C on request.

Marking: INTEC K741

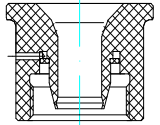
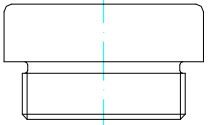
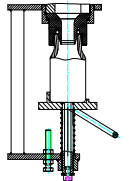
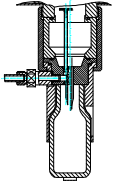
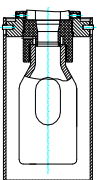
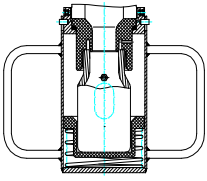
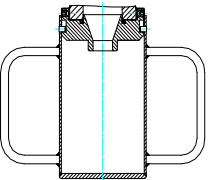
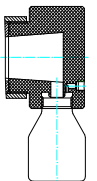
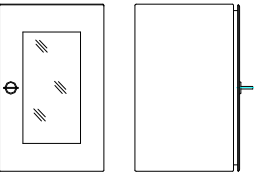


Ordering example:
INTEC K741, DN50, PN16, GR.1,
50 ml, GL 32

BALL VALVES INTEC

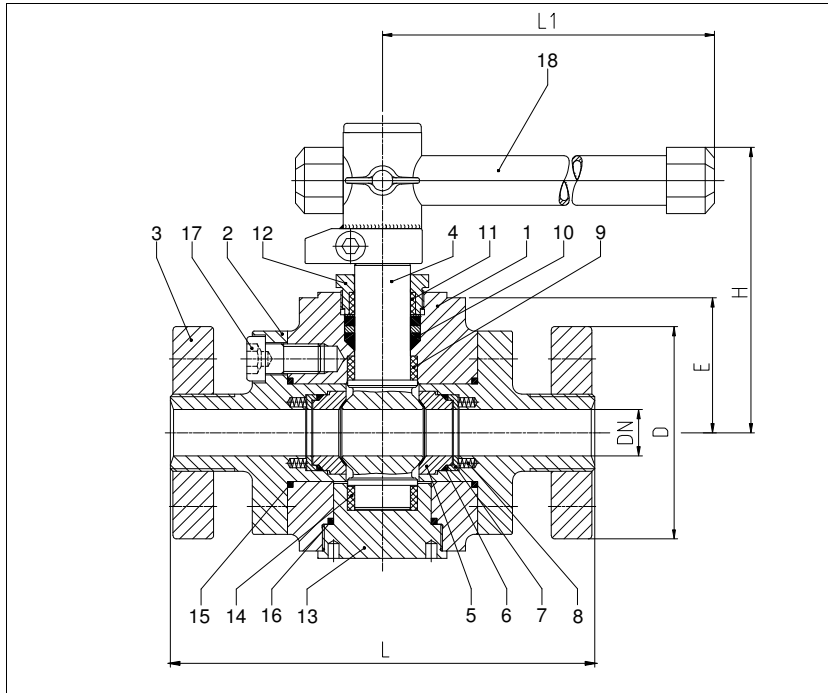
Adapter versions for

Sampling device ball valves Type INTEC K730ff / INTEC K740ff

Adapter version	Adapter material	Drawing
Bottle adapter GL25 (DIN 168) with vent bore	KFA / KFGN	
Bottle adapter GL32 (DIN 168) with vent bore	KFA / KFGN	
Bottle adapter GL45 (DIN 168) with vent bore	KFA / KFGN	
Plug screw for GL25, GL32, GL45 (DIN 168)	KF	
Bottle support, spring loaded for GL25, GL32, GL45 (DIN 168)	KFA / KFGN	
Hollow needle system for septum-bottle (1.4571 or special material)	1.4571 or special material	
Protection cover with bayonet locking (1.4301) for GL25, GL32, GL45 (DIN 168)	KFA / KFGN	
Protection cover, bottle support spring loaded with bayonet locking (1.4301) for GL25, GL32, GL45 (DIN 168)	KFA / KFGN	
Metal bottle with bayonet locking (1.4571 or special material)	1.4571 or special material	
Swing adapter for angular and vertical piping	KFA / KFGN	
Protection box (1.4301 or plastic)		

BALL VALVES INTEC

K811, DN16/DN24/DN30/DN45, PN325
trunnion mounted ball, metal seated,
both sides spring loaded seat rings



3-piece high-pressure ball valve
with flanges
full bore
face to face acc. to producers standard
flanges acc. to BASF-WN 18 011

Specification:

3-piece high-pressure ball valve, flanges acc. to BASF-WN 18 011, face to face dimensions acc. to producers standard, full bore, ball and stem one unit, blow-out-proof stem, body material stainless steel (1.4571/1.4404) or carbon steel (1.0460), antistatic device, free of non ferrous metals, seat 1.4571/1.4404 hard facing metal coated, stem packing cone ring construction acc. to temperature use, dynamic loaded adjustable, top flange DIN EN ISO 5211, approved by PED, certified acc. to GERMAN clean air act VDI 2440, with lever.

Marking: INTEC K811

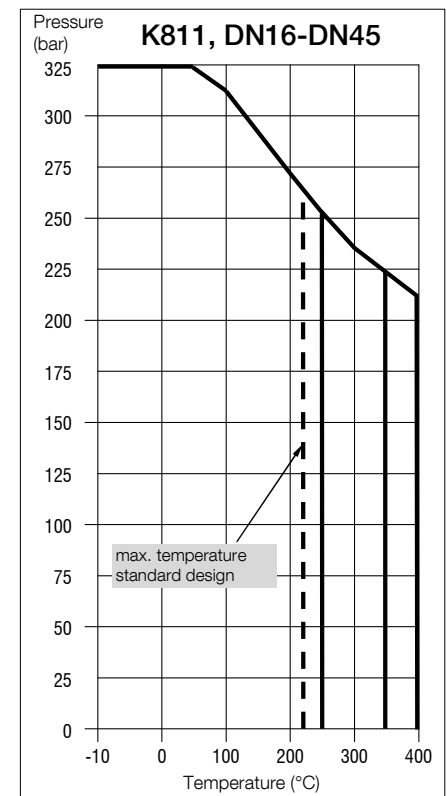
No.	Part	Material			Material		
High temperature design							
1	body	1.0460			1.4571/1.4404		
2	cap	1.0460			1.4571/1.4404		
3	screwed flange	1.7258			1.7258		
4	ball-stem unit	250°C	350°C	400°C	250°C	350°C	400°C
	hard facing metal coated	1.4462	1.4313	1.4980	1.4462	1.4980	1.4980
5	seat	1.4571/1.4404 hard facing metal coated					
6	bearing ring seal	Graphite					
7	follower ring	1.4571/1.4404					
8	spiral spring	Inconel X750					
9	below stem bearing	E-carbon					
10	upper stem seal	1.4571/1.4404/Graphite					
11	upper stem bearing	E-carbon					
12	stuffing box screw	1.4571/1.4404					
13	bearing neck	1.4571/1.4404					
14	trunnion bearing	E-carbon					
15	body seal	Graphite					
16	trunnion seal	Graphite					
17	hex. nut	1.7258					
18	lever	1.4408/1.4308/steel zincplated					
Standard design							
8	spiral spring	1.4401					
9	below stem bearing	PEEK					
10	upper stem seal	KF/Graphite/PEEK					
11	upper stem bearing	PEEK					
15	body seal	KF					
16	trunnion seal	KF					

Dimensions

DN	PN	dimensions (mm)								
mm		H	L1	L	D	E	top flange ISO	torque Nm*	weight kg	
16	325	139.0	300	230	105	62.0	F07	186	13.6	
24	325	185.5	500	260	115	73.0	F10	305	19.0	
30	325	201.5	700	300	135	83.0	F12	442	30.5	
45	325	216.0	700	350	165	97.5	F14	717**	49.3	

Ordering example:

INTEC K811, DN24, PN325, 1.0460, high temperature, stem 1.4980



* Necessary torque measured with treated water at Δ P acc. to pressure class and room temperature.

** Gearbox recommended.

Other flange connections on request.



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