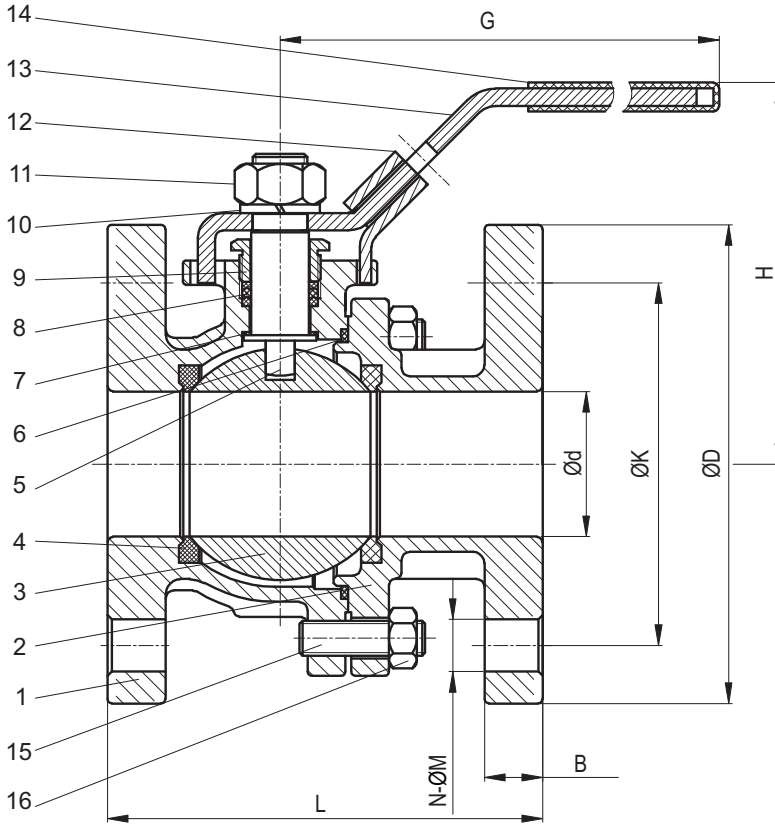


Stainless Steel 316/1.4408
Stainless Steel 304/1.4308
Carbon Steel /1.0619 (Painted)

NO	PART NAME	MATERIAL		
1	Body	1.0619	1.4308	1.4408
2	Cap	1.0619	1.4308	1.4408
3	Ball	1.4408		
4	Seat	PTFE		
5	Stem	SS 316		
6	Gasket	PTFE		
7	Thrust washer	PTFE		
8	Packing	PTFE		
9	Gland	SS 304		
10	Spring washer	SS 304		
11	Stem nut	SS 304		
12	Locking device	SS 304		
13	Handle	SS 304		
14	Plastic cover	PLASTIC		
15	Bolt	SS 304		
16	Nut	SS 304		

FEATURES

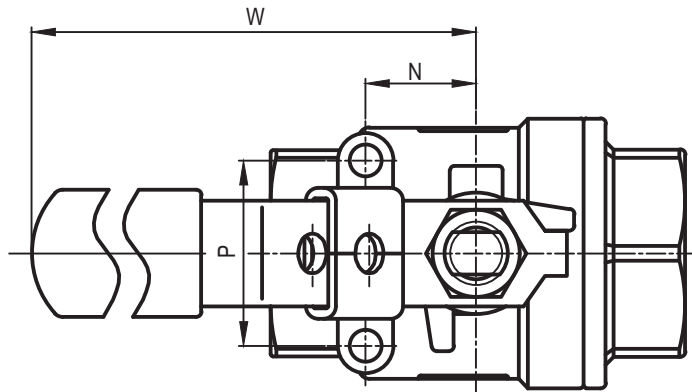
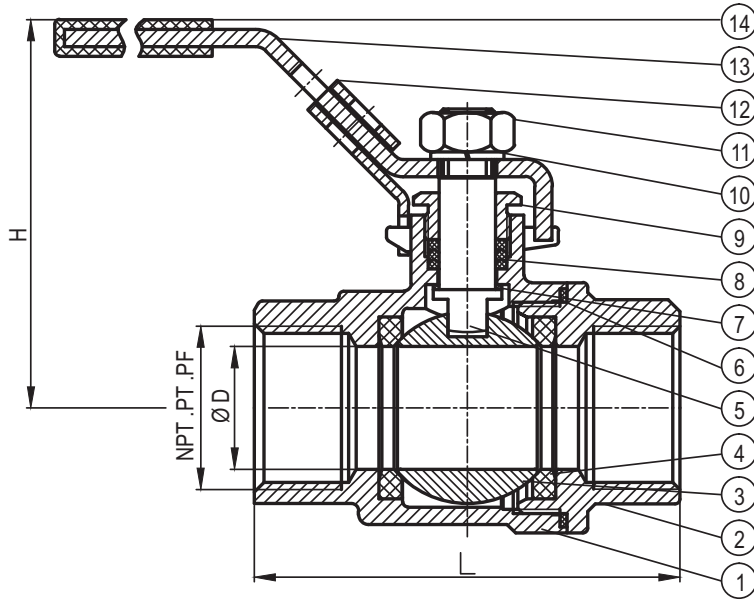
- Face to face dimension: DIN 3202-F4
- Test: EN 12266-1
- With ISO 5211 Mounting pad
- Investment casting body
- Blow-out proof stem
- Full port
- Lever operated
- With lockable device
- Open-Close written on the handle metal

Gaskets : PTFE - Resistant to transformer oil
Temperature Range : -40°C +220°C

DN	L	G	H	ØD	ØK	B	N	d
15	110	140	80	95	65	10	4	Ø14
25	125	160	93	115	85	10	4	Ø14
32	130	160	93	140	100	10	4	Ø18
40	140	185	96	150	110	12	4	Ø18
50	150	185	106	165	125	15	4	Ø18
65	170	185	129	185	145	15	4	Ø18
80	180	190	129	200	160	16	8	Ø18
100	190	230	151	220	180	16	8	Ø18

G and H dimensions can be change with customer request





FEATURES:

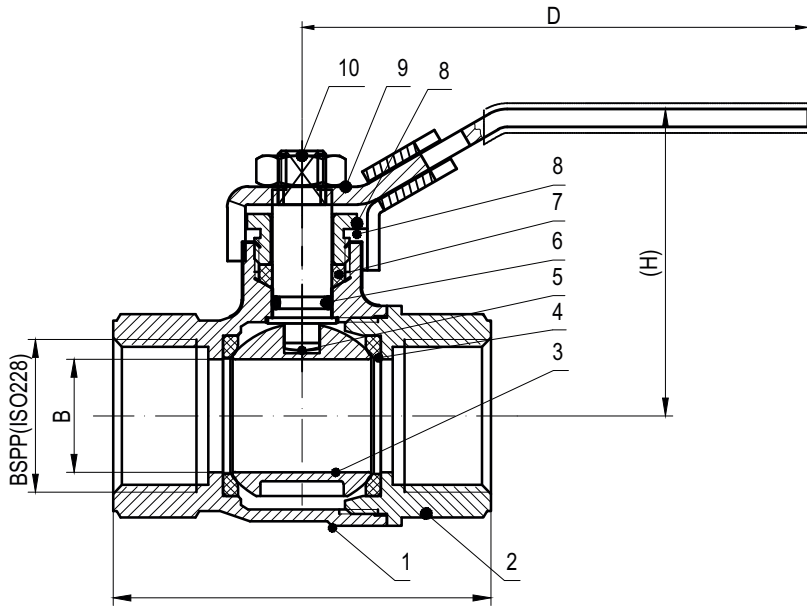
- PIPE THREAD IN ACCORDANCE: NPT, BSPT, DIN259, DIN2999, ISO 228 CLASS A
- FACE TO FACE: DIN-3202-M3
- BLOW-OUT PROOF STEM / FULL PORT
- INVESTMENT CASTING BODY
- 1000PSI(PN63)W.O.G.
- LOCKING DEVICE

Materials List

NO	PART NAME	MATERIAL
1	BODY	SS304 SS3016
2	CAP	SS304 SS3016
3	BALL	CF8 CF8M
4	SEAT	PTFE
5	STEM	SUS304 SUS316
6	GASKET	PTFE
7	THRUST WASHER	PTFE
8	PACKING	PTFE
9	GLAND	SUS304
10	SPRING WASHER	SUS304
11	STEM NUT	SUS304
12	LOCKING DEVICE	SUS304
13	HANDLE	SUS304
14	PLASTIC COVER	PLASTIC

DIMENSIONS:

Size		d	L	H	W	N	P
DN	NPS						
8	1/4"	11.6	50	56	102	12.7	28.5
10	3/8"	12.7	60	56	102	12.7	28.5
15	1/2"	15	75	65	123	12.7	28.5
20	3/4"	20	80	68	123	21	35
25	1"	25	90	79	153	21	35
32	1 1/4"	32	110	84	153	23.5	38
40	1 1/2"	40	120	94	183	23.5	38
50	2"	50	140	100	183	23.5	38
65	2 1/2"	65	185	135	246	35	54
80	3"	80	205	145	246	35	54



TECHNICAL FEATURES

Nominal pressure	600WOG
Shell Test Pressure	4.2MPa
Air Test Pressure	1.31MPa
Working Medium	Transformer Oil
Working Temperature	-20 / +120

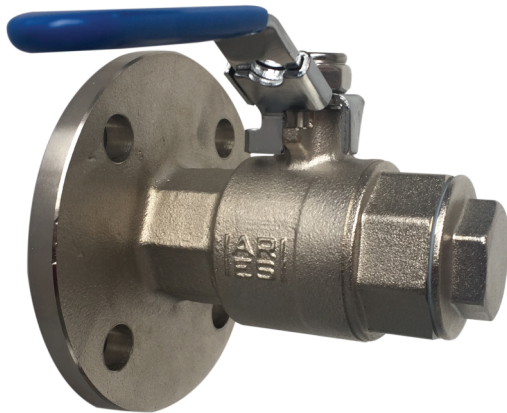
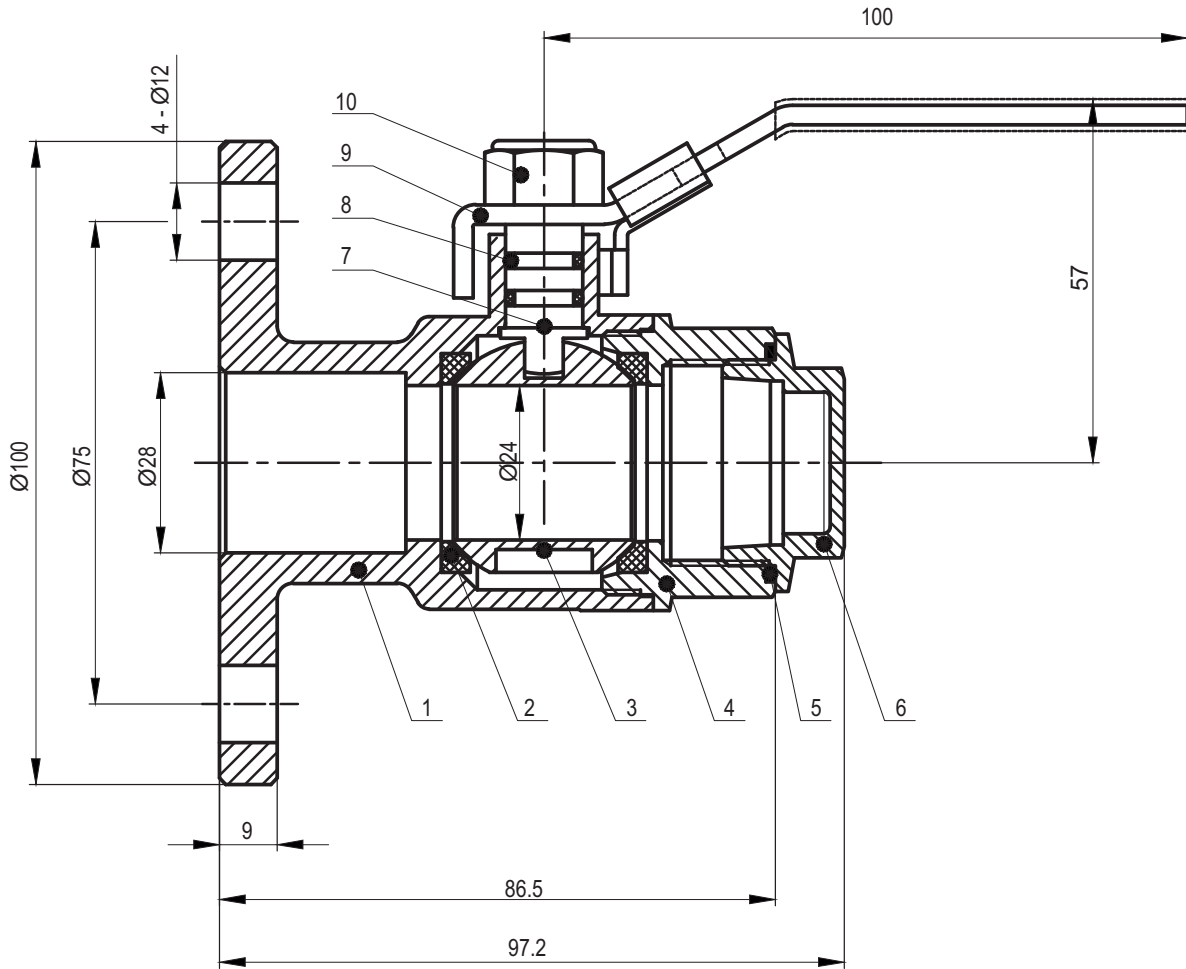
Dimensions in mm

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	56	63	75	85	92.5	110
H	46	51	56	57	73	81
D	95	115	115	145	145	165
B	14	19	24	31	31	49

MATERIALS LIST

NO	DESCRIPTION	MATERIAL
1	VALVE BODY	CW617N
2	BONNET	CW617N
3	BALL	BRASS CHROMED PLATING
4	SEAT	PTFE
5	STEM	CW617N
6	O-RING	NBR
7	PACKING	PTFE
8	PACKING NUT	BRASS
9	LOCKING HANDLE	S.S.304
10	HEX NUT	S.S. 304

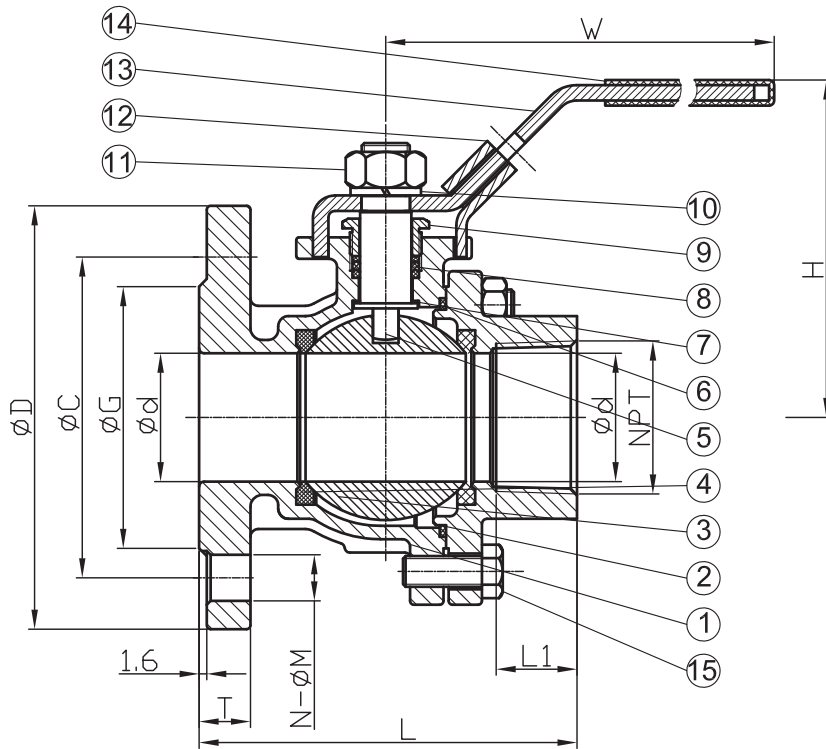




One Piece Body

Materials List

NO	DESCRIPTION	QTY.	MATERIAL
1	Valve body	1	Brass CW617N
2	Valve seat	2	PTFE
3	Ball	1	Brass HPb58-2
4	Bonnet	1	CW617N
5	Gasket	1	PTFE
6	Cap	1	Brass CW617N
7	Stem	1	Brass CW617N
8	O-ring	2	EPDM
9	Handle with locking device	1	SS304
10	Hex nut	1	SS304

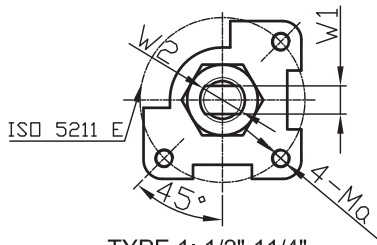


FEATURES:

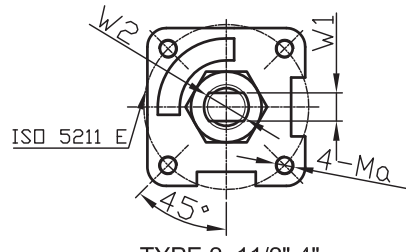
- End Flange Dimension: Asme B16.5
- Design: Asme B16.34
- Test: API 598
- With ISO 5211 Mounting Pad
- Investment Casting Body
- Blow-Out Proof Stem / Full Port
- Lever Operated / Locking Device

MATERIALS LIST

NO	PART NAME	MATERIAL
1	BODY	CF8M
2	CAP	CF8M
3	BALL	CF8M
4	SEAT	PTFE
5	STEM	SUS316
6	GASKET	PTFE
7	THRUST WASHER	PTFE
8	PACKING	PTFE
9	GLAND	SUS304
10	SPRING WASHER	SUS304
11	STEM NUT	SUS304
12	LOCKING DEVICE	SUS304
13	HANDLE	SUS304
14	PLASTIC COVER	PLASTIC
15	BOLT	SUS304



TYPE 1: 1/2"-11/4"



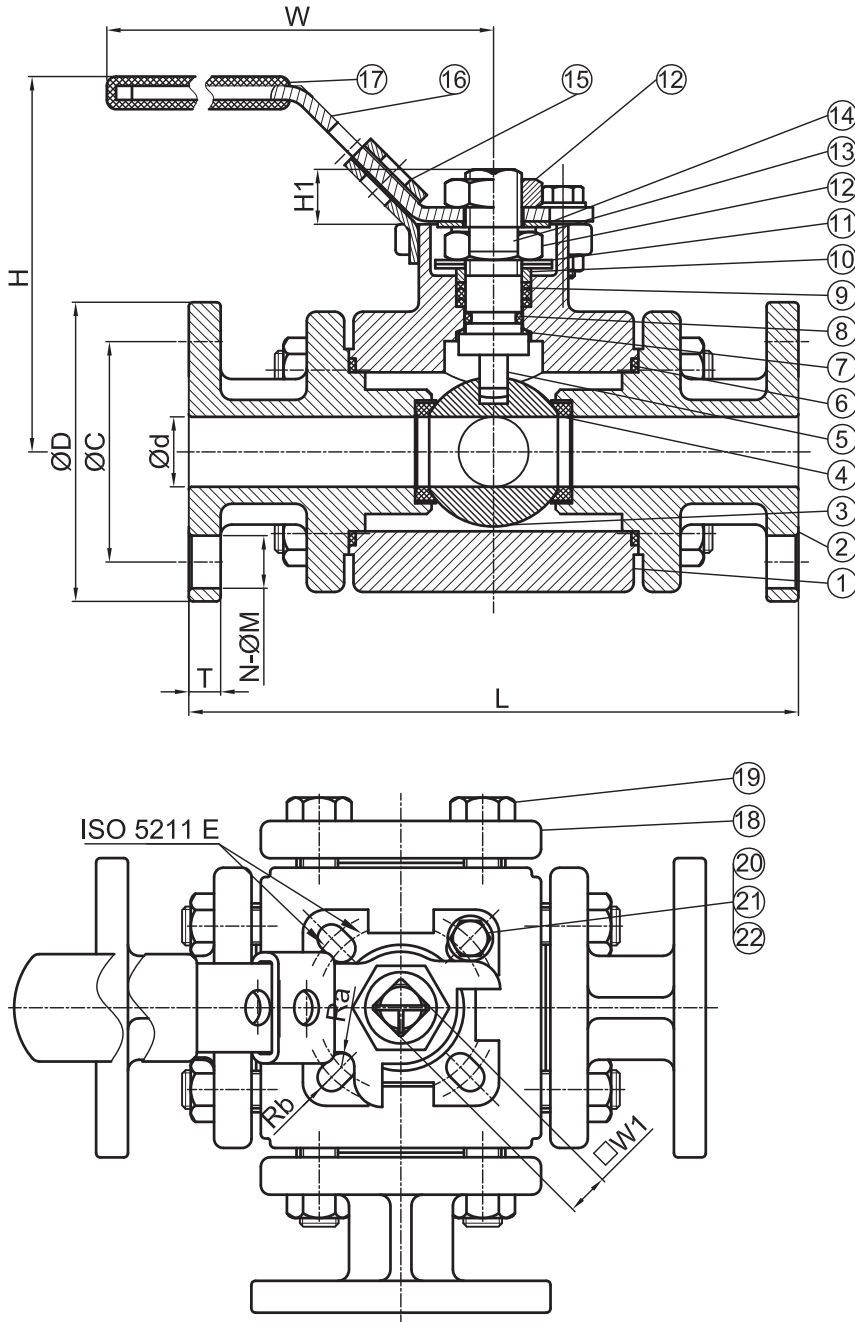
TYPE 2: 11/2"-4"

TEST PRESSURE:

SEAT	SHELL(BY WATER)	450PSI
		32kg/cm ²
	BY WATER	315PSI
		22kg/cm ²
BY AIR	BY AIR	85PSI
		6kg/cm ²

DIMENSIONS:

SIZE	d	D	C	G	T	N-ØM	L	L1	H	W	W1	W2	ISO 5211	E	Ma	NPT
1"	25	108	79.5	51	11.1	4-Ø16	95	17.5	92	188	9.5	14.5	F05	50	M6	1"NPT
11/2"	40	127	98.5	73	14.3	4-Ø16	123	18.5	126	245	12	19.0	F07	70	M8	11/2"NPT
2"	50	152	120.5	92	15.9	4-Ø19	137	19.5	132	245	12	19.0	F07	70	M8	2"NPT



FEATURES:

- TEST: EN 12266-1:2003
- INVESTMENT CASTING BODY
- WITH ISO 5211 MOUNTING PAD
- LOCKING DEVICE
- THERE ARE FOUR SEATS
- L-PORT OR T-PORT AVAILABLE / 360° PAD

MATERIALS LIST

NO	PART NAME	MATERIAL
1	BODY	SS304 SS316
2	CAP	SS304 SS316
3	BALL	SS304 SS316
4	SEAT	PTFE
5	STEM	SS316
6	GASKET	PTFE
7	THRUST WASHER	PTFE
8	O-RING	VITON
9	PACKING	PTFE
10	GLAND	SS304
11	SPRING WASHER	SS304
12	STEM NUT	SS304
13	STOP WASHER	SS304
14	HANDLE HEAD	SS304
15	LOCKING DEVICE	SS304
16	HANDLE	SS304
17	PLASTIC COVER	PLASTIC
18	CAP-A	SS316
19	BOLT	SS304
20	STOP PIN	SS304
21	BOLT	SS304
22	NUT	SS304

FLOW PATTERN:

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

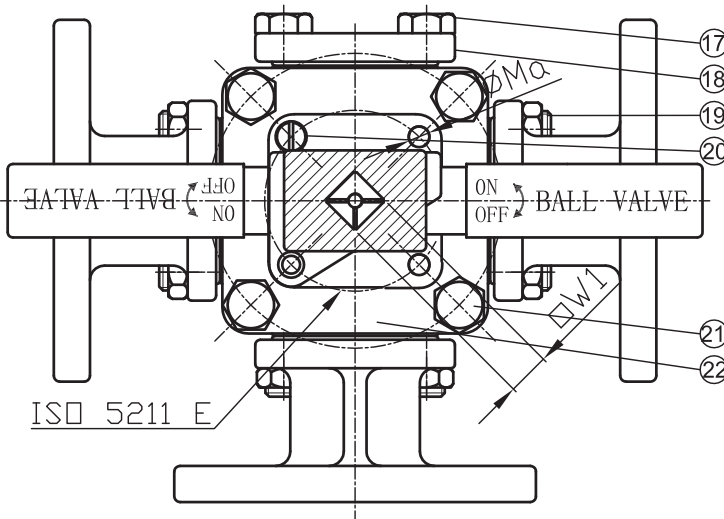
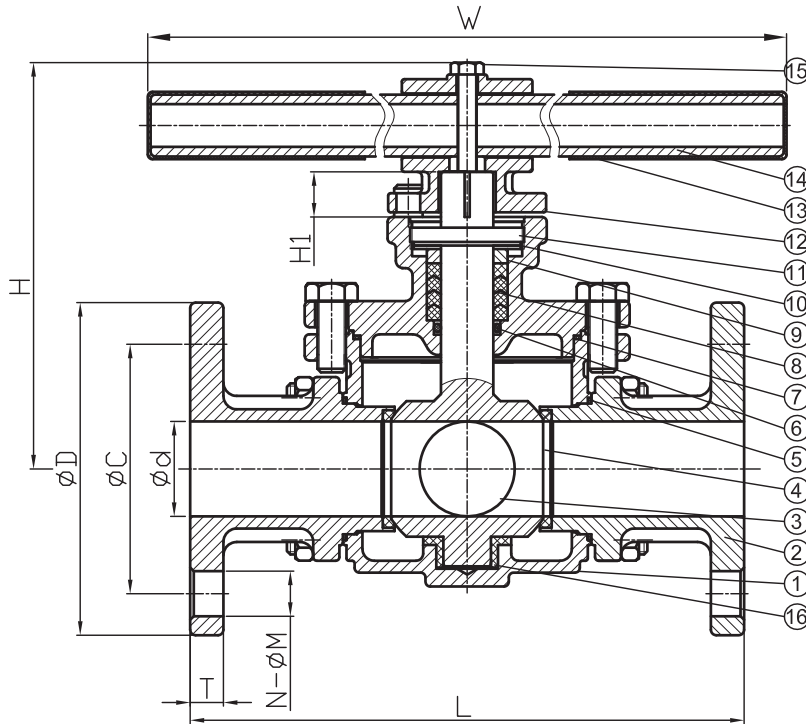
DIMENSIONS:

SIZE DN NPS	d	D	C	T	N	M	L	H	W	ISO 5211	E	H1	W1	Ra	Rb
25 1"	25	108	85	12.1	4	4	165	96	153	F04-F05	42-50	11	11	R3	R3.5



TEST PRESSURE:

SHELL(BY WATER)		EN 12266-1
		450PSI 32kg/cm ²
SEAT	BY WATER	315PSI 22kg/cm ²
	BY AIR	85PSI 6kg/cm ²



DIMENSIONS:

Size	d	D	C	T	N	M	L	H	W	ISO 5211	E	H1	W1	Ma
DN NPS														
80 3"	76	200	160	20	8	18	305	216	504	F10	102	24	22	□12

FEATURES:

- END FLANGE DIMENSION: DIN2633
- TEST:EN 12266-1:2003
- INVESTMENT CASTING BODY
- FIXED BALL / FULL PORT
- WITH ISO 5211 MOUNTING PAD
- THERE ARE FOUR SEATS
- L-PORT OR T-PORT AVAILABLE / 360°PAD

NO	PART NAME	MATERIAL
1	BODY	SS304 SS316
2	CAP	SS304 SS316
3	BALL	SS304 SS316
4	SEAT	R-PTFE
5	GASKET	R-PTFE
6	O-RING	VITON
7	GASKET	R-PTFE
8	PACKING	R-PTFE
9	GLAND	SUS304
10	SPRING WASHER	SUS301
11	CAP-C	1.4308 (SS304)
12	HANDLE HEAD	1.4308 (SS304)
13	PLASTIC COVER	PLASTIC
14	HANDLE POLE	GALVANIZED PIPE
15	HANDLE BOLT	SUS304
16	SLEEVE	R-PTFE
17	CAP-B BOLT	SUS304
18	CAP-B	1.4308
19	BOLD	SUS304
20	STOP PIN	SUS304
21	CAP-A BOLT	SUS304
22	CAP-A	1.4308

FLOW PATTERN:

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

TEST PRESSURE:

SEAT	SHELL(BY WATER)	345PSI
		24kg/cm ²
	BY WATER	250PSI
		17.5kg/cm ²
	BY AIR	85PSI
		6kg/cm ²

Flanged Gate Valves, PN16 nominal pressure, DIN EN 12288

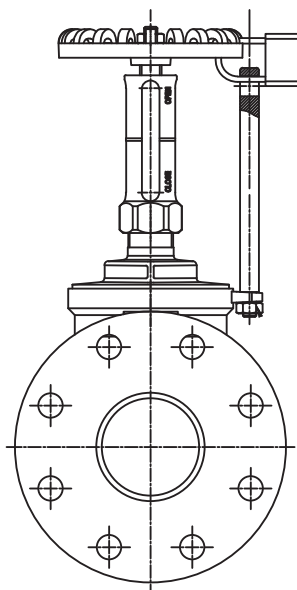
Body and all parts made of brass Ms 58 or RG 5 Bronze (red brass)
with maintenance-free gland packing (PTFE)
and non rising stem,
flanged connection acc. to DIN EN 1092-1



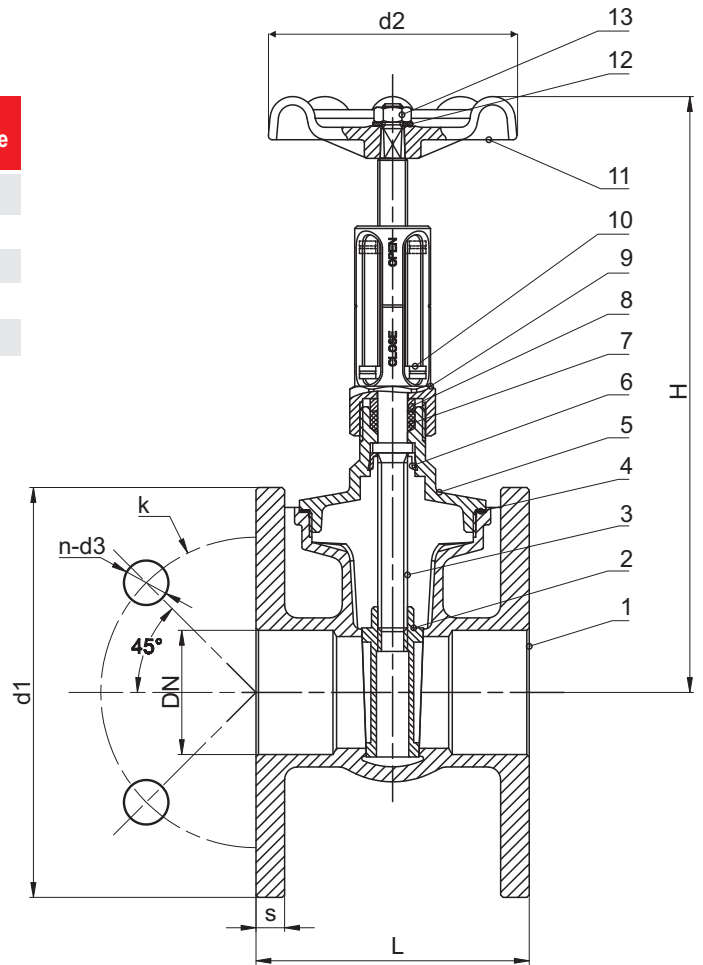
Specifications

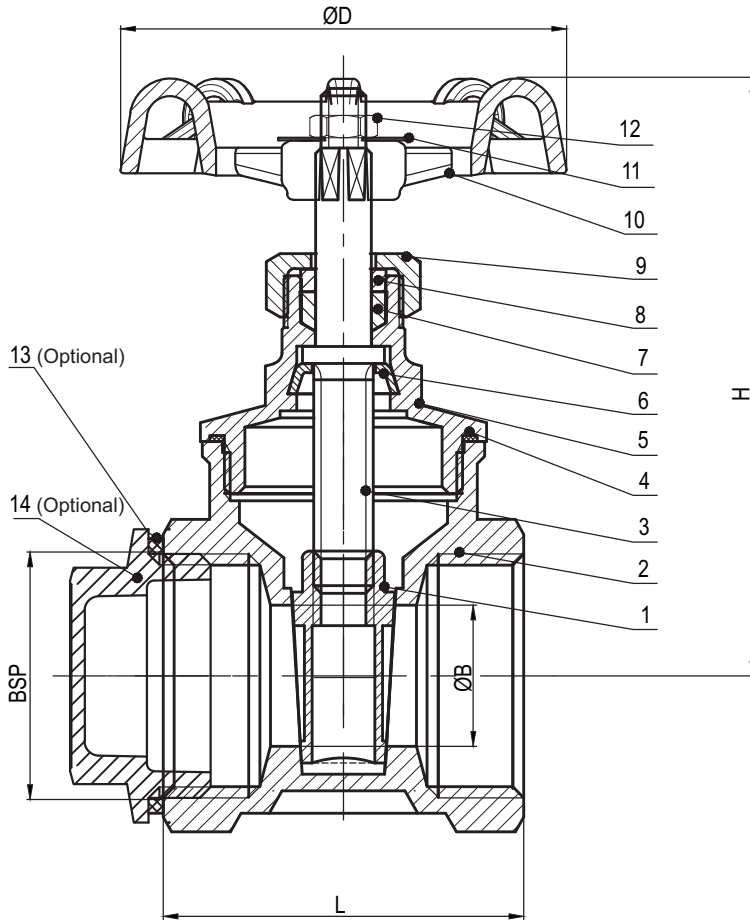
Material	: Brass Ms 58 (CuZn40Pb2) or bronze RG 5 (CuSn5ZnPb)
Handwheel	: Brass (Red painted)
Wedge,cap,stem	: Brass Ms 58 (CuZn40Pb2) or bronze RG 5 (CuSn5ZnPb)
Other assembly components	: A2-70 Stainless Steel
Gaskets	: Resistant to Transformer Oil
Temperature	: -25°C, +120 °C
Flange dimensions	: EN 1092-1
Stem	: Moving inner

DN	L	d1	H	d2	s	Holes			W(kg.)	Pressure
						k	n	d3		
25	80	115	80	60	10	85		14	2,3	
40	100	150	100	80	10,5	110	4	18	4,2	
50	110	165	110	100	11,5	125		18	4,8	PN 16
65	130	185	130	120	14	145		18	8.9	
80	150	200	150	140	14	160	8	18	11.4	



Padlock (Optional)
Locking Pin (Optional)





Technical Features

Nominal pressure	PN16
Working Medium	Transformer Oil
Working Temperature	-20 +120

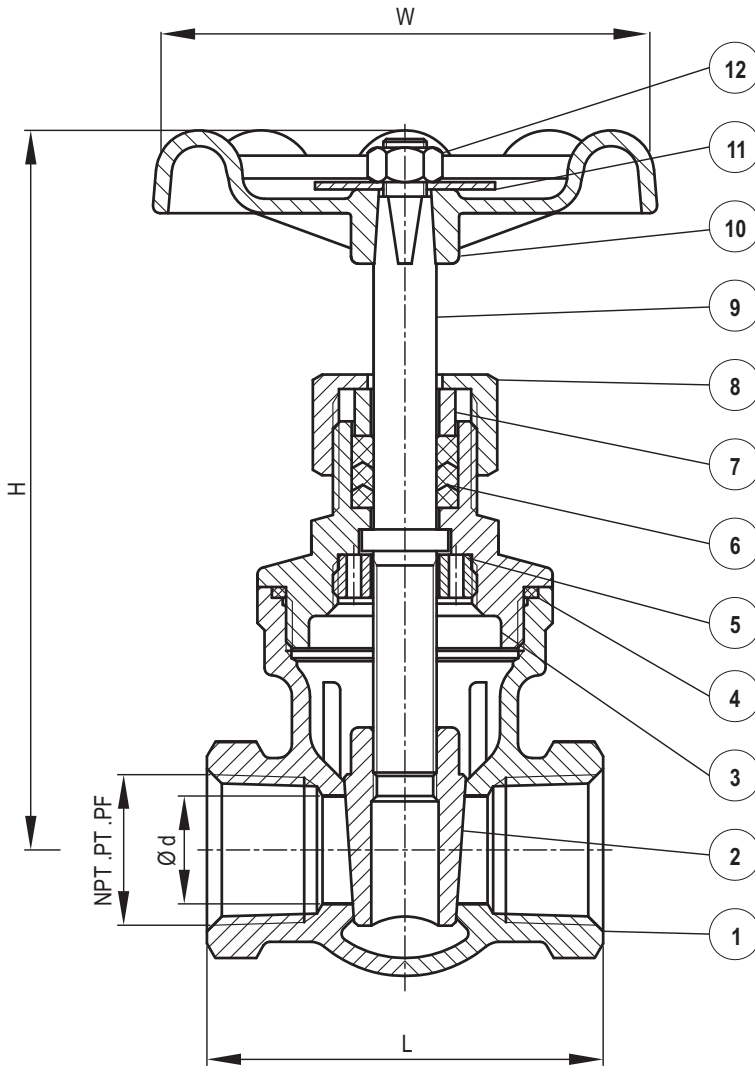
Materials List

NO	DESCRIPTION	MATERIAL
1	Disc	HPb59-2RA
2	Valve body	HPb59-2RA
3	Stem	CW617N
4	Washer ring	PTFE
5	Bonnet	HPb59-2RA
6	Lock nut	HPb59-2RA
7	Packing	PTFE
8	Gland	Brass HPb59-2RA
9	Packing nut	Brass HPb59-2RA
10	Hand Wheel	Steel Zinc plated
11	Nameplate	Aluminum
12	Hex nut	Aluminum
13	Gasket (Optional)	PTFE
14	Plug (Optional)	Brass HPb59-2RA



Dimensions in mm

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	42.5	45.5	48.5	56	58	62.5
H	71.5	74	80.5	93.5	108	122
D	55	55	60	72	72	80
B	13	16	19	25	32	39



TC311 SUSU316 A351 Gr-CF8M DIN1.4408

FEATURES:

- PIPE THREAD IN ACCORDANCE: NPT, BSPT, DIN259, DIN2999, ISO 228 CLASS A
- INVESTMENT CASTING BODY
- NON-RISING STEM
- 200 W.O.G.
- MATERIAL:

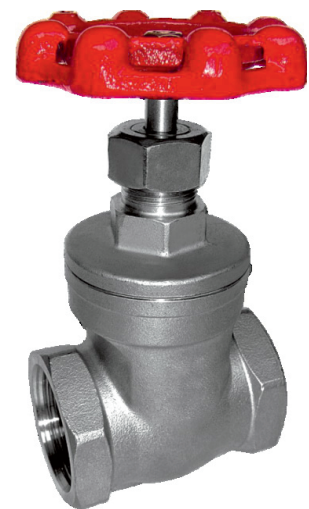
SUS316/ ASTM A351 Gr-CF8M/DIN1.4408

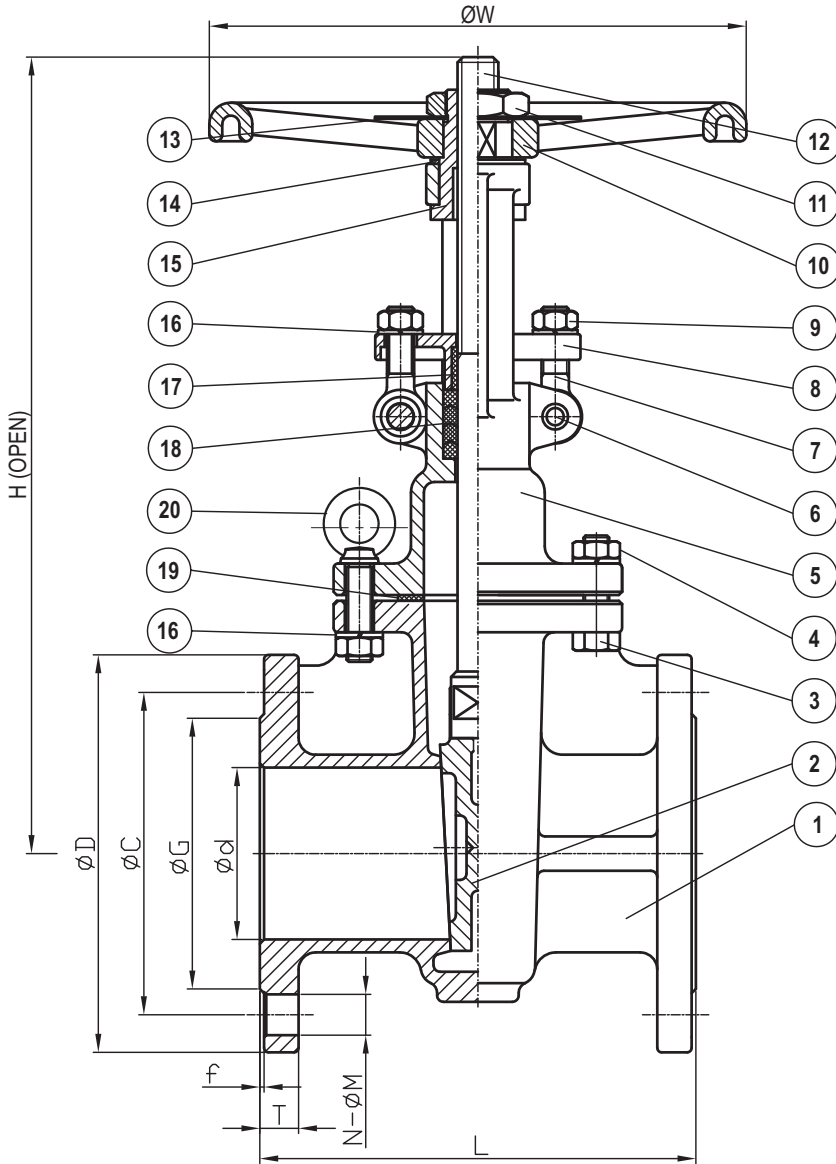
MATERIALS LIST

NO	PART NAME	MATERIAL	
1	BODY	SS304	SS316
2	DISC	SS304	SS316
3	BONNET	SS304	SS316
4	GASKET	PTFE	
5	WHORL GASKET	SUS304	
6	PACKING	PTFE	
7	GLAND	SUS304	
8	CAP NUT	CF8M	
9	STEM	SUS316	
10	HANDLE	ALUMINUM	
11	NAMEPLATE	ALUMINUM	
12	NUT	SUS304	

DIMENSIONS:

Size		d	L	H	W	WEIGHT
DN	NPS					KG
15	1/2"	15	55	101	70	0.42
20	3/4"	20	60	108	70	0.52
25	1"	25	65	115	80	0.70
32	1 1/4"	32	75	132	80	1.01
40	1 1/2"	38	85	149	90	1.54
50	2"	50	95	175	100	2.06
65	2 1/2"	65	116	213	140	5.56
80	3"	80	130	241	140	8.63





FEATURES:

- FACE TO FACE DIMENSION: DIN3202-F4
- END FLANGE DIMENSIONS: DIN2633
- DESING: ASME B16.34
- TEST: EN 12266-1
- INVESTMENT CASTING BODY

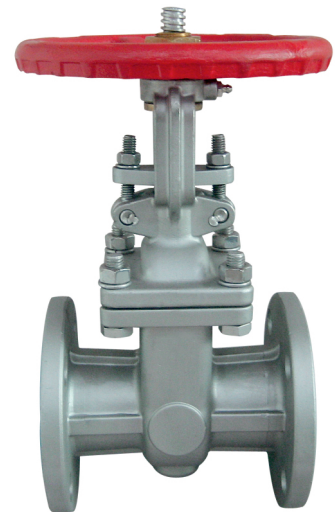
MATERIALS LIST

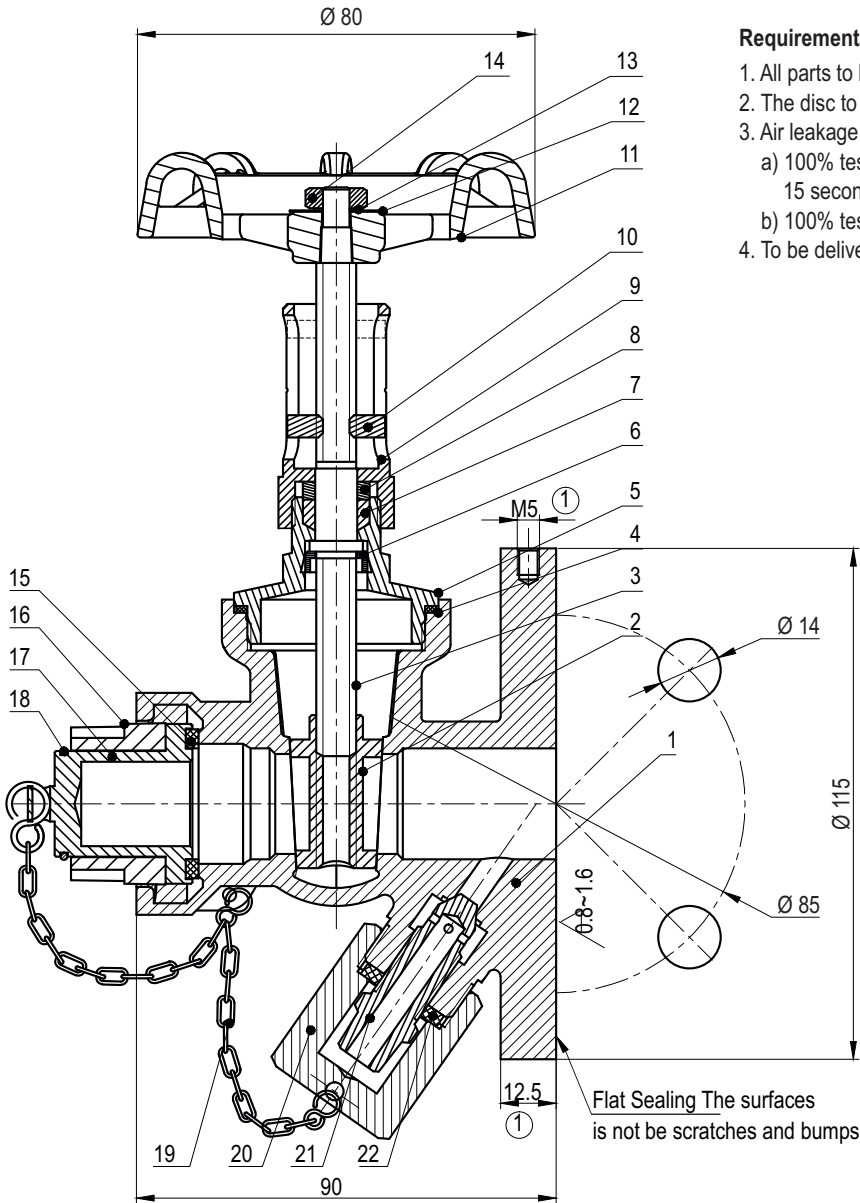
NO	PART NAME	MATERIAL	
1	BODY	1.4308	1.4408
2	DISC	1.4308	1.4408
3	BOLT	SUS304	
4	NUT	SUS304	
5	CAP	1.4308	1.4408
6	HINGE PIN	SUS304	
7	EYE BOLT	SUS304	
8	GLAND	1.4308	
9	EYE NUT	SUS304	
10	HAND WHEEL	FCD	
11	NUT	BRONZE	
12	STEM	SUS304	SUS316
13	NAME PLATE	SUS304	
14	GASKET	BRONZE	
15	YOKE SLEEVE	BRONZE	
16	SPRING WASHERS	SUS304	
17	STEM BUSHING	PTFE	
18	GLAND PACKING	PTFE	
19	GASKET	*PTFE / 304+GRAPHITE	
20	LIFTING RING	SUS304	

* 5"UP GASKET: SS304+GRAPHITE

DIMENSIONS:

Size	d	L	H	W	D	C	G	f	T	N-ØM
2"	50	50	150	331	200	165	125	102	3	18 4-Ø18
2 1/2"	65	65	170	393	200	185	145	122	3	18 4-Ø18
3"	80	80	180	470	250	200	160	138	3	20 8-Ø18
4"	100	100	190	545	250	220	180	158	3	20 8-Ø18
5"	125	125	200	640	300	250	210	188	3	22 8-Ø18
6"	150	150	210	740	300	285	240	212	3	22 8-Ø22
8"	200	200	230	910	350	340	295	268	3	24 8-Ø22





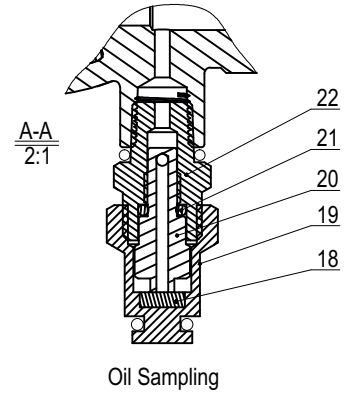
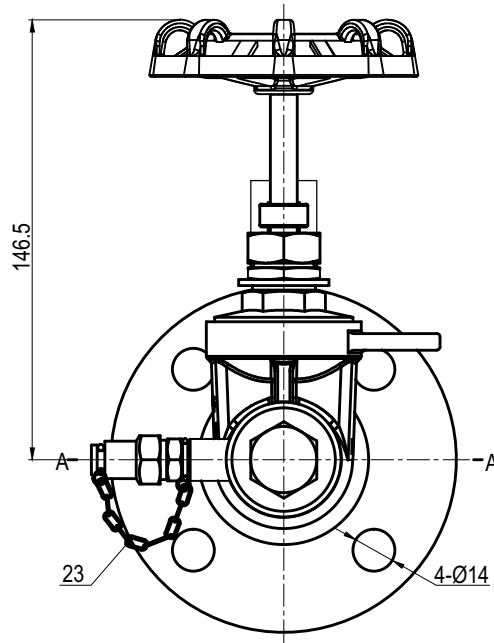
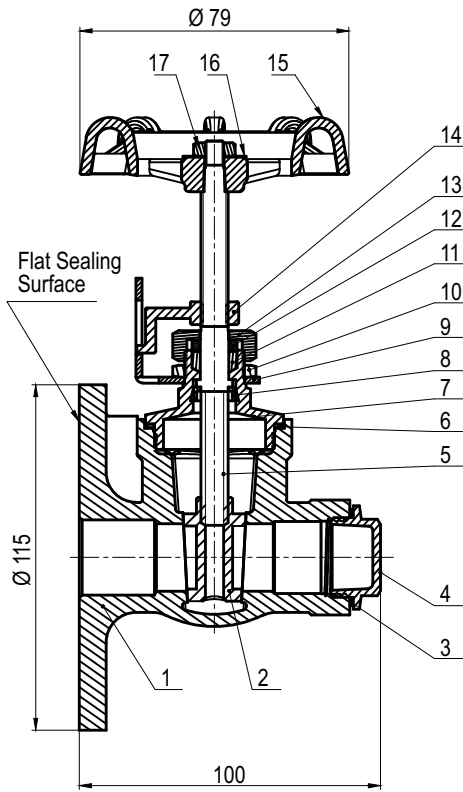
Requirements

1. All parts to be clean and free of oil and other impurities before assembling.
2. The disc to move up and down smoothly with opening and closing the valves
3. Air leakage test according to below
 - a) 100% testing of the external leakage, pressure (air) to be 6bar for min. 15 seconds.
 - b) 100% testing of internal leakage: Pressure (air) to be 6 bar for min. seconds.
4. To be delivered in the closed position.

Materials List

NO	DESCRIPTION	QTY.	MATERIAL
1	Valve body	1	Bronze C83600
2	Disc	1	Bronze C83600
3	Stem	1	Brass CW617N
4	Washer ring	1	PTFE
5	Bonnet	1	Bronze C83600
6	Tightening Ring	1	Brass HPb58-2
7	Sealing Ring	1	PTFE
8	Clamping Nut	1	Brass HPb58-2
9	Guiding holder	1	Bronze C83600
10	Across Slider	1	Bronze C83600
11	Handlewhell	1	BRASS
12	Nameplate	1	Aluminum
13	Gasket	1	SUS 304
14	Hex Nut	1	SUS 304 M6
15	Seal ring	1	NBR
16	Sealing holder	1	Brass CW617N
17	Clamping fitting	1	Bronze C83600
18	Chain	1	Brass
19	Hex cap	1	Brass CW617N
20	Drain disc	1	Brass CW617N
21	Sealing washer	1	PTFE





Requirements

1. All parts to be clean and free of oil and other impurities before assembling.
2. The disc to move up and down smoothly with opening and closing the valves
3. Air leakage test according to below
 - a) 100% testing of the external leakage, pressure (air) to be 6bar for min. 15 seconds.
 - b) 100% testing of internal leakage: Pressure (air) to be 6 bar for min. seconds.
4. To be delivered in the closed position.

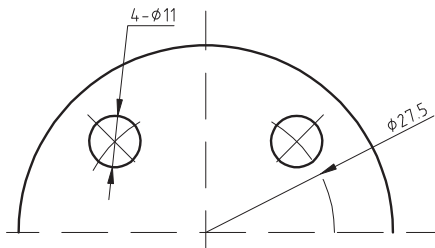
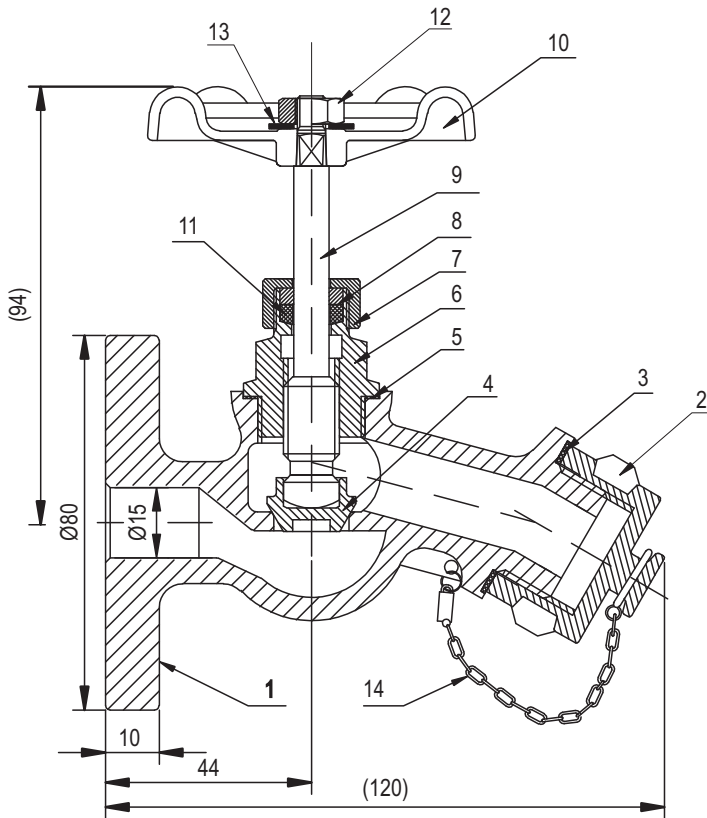
Materials List

NO	DESCRIPTION	QTY.	MATERIAL
1	Body	1	Bronze
2	Disc	1	Bronze
3	Washer ring	1	PTFE
4	Cap	1	HPb58-2
5	Stem	1	CW617N
6	Washer ring	1	PTFE
7	Bonnet	1	C83600
8	Tightening ring	1	HPb58-2
9	Positioning bracket	1	H62
10	Lock nut	1	HPb58-2
11	Packing	1	PTFE
12	Packing ring	1	HPb58-2
13	Packing nut	1	HPb58-2
14	Lift device	1	HPb58-2
15	Handle wheel	1	HPb58-2
16	Nameplate	1	Aluminum
17	Hex Nut	1	S/S304 M6
18	Washer ring	1	EPDM
19	Cap	1	CW617N
20	Small stem	1	CW617N
21	O-ring	1	NBR
22	Adapter	1	CW617N
23	Chain	1	Brass

ARES drain valve for taking samples and drainage from transformer oil.

Brass Ms 58 (CuZn40Pb2)
Bronze RG 5 (CuSn5ZnPb)

Body : Ms 58 or Bronze
Valve stem seal : PTFE gland packing
Seat packing : Metal
Flange connection : Acc. to DIN2501

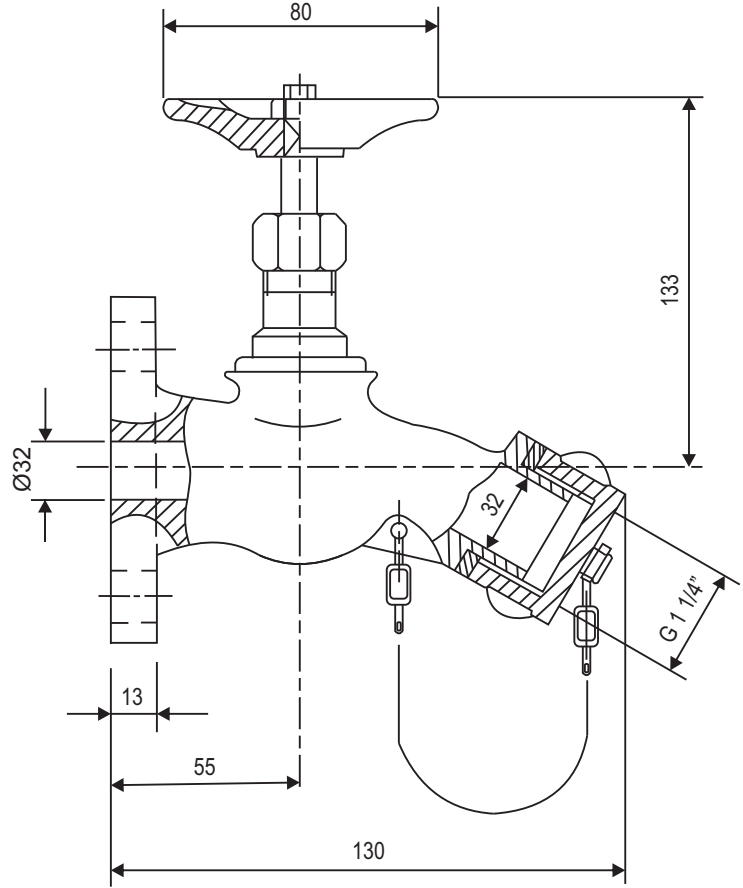
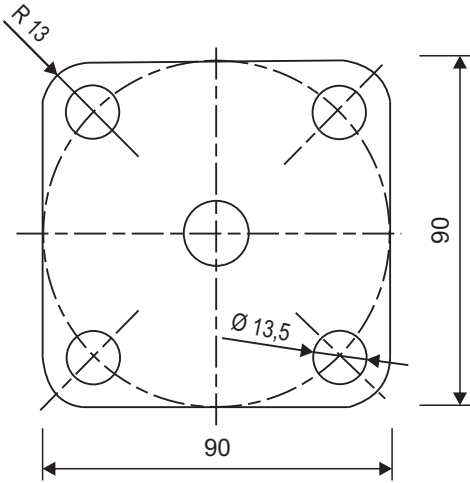


NO	PART NAME	MATERIAL
1	Body	Ms 58 (CuZn40Pb2) or RG 5
2	Closing cap	Ms 58 (CuZn40Pb2) or RG 5
3	Gasket	Teflon
4	Seat	Ms 58 (CuZn40Pb2) or RG 5
5	Gasket	PTFE
6	Upper Cap	Ms 58 (CuZn40Pb2) or RG 5
7	Nut	Ms 58 (CuZn40Pb2) or RG 5
8	Gland	Ms 58
9	Stem	Ms 58
10	Hand wheel	Bakalite or Aluminium casting
11	Packing	PTFE
12	Nut	SS 316
13	Washer	SS 316
14	Chain	SS 316

ARES drain valve for taking samples and drainage from transformer oil.

Brass Ms 58 (CuZn40Pb2)
Bronze RG 5 (CuSn5ZnPb)

Body : Ms 58 or Bronze
Valve stem seal : PTFE gland packing
Seat packing : Metal
Flange connection : Acc. to DIN2501



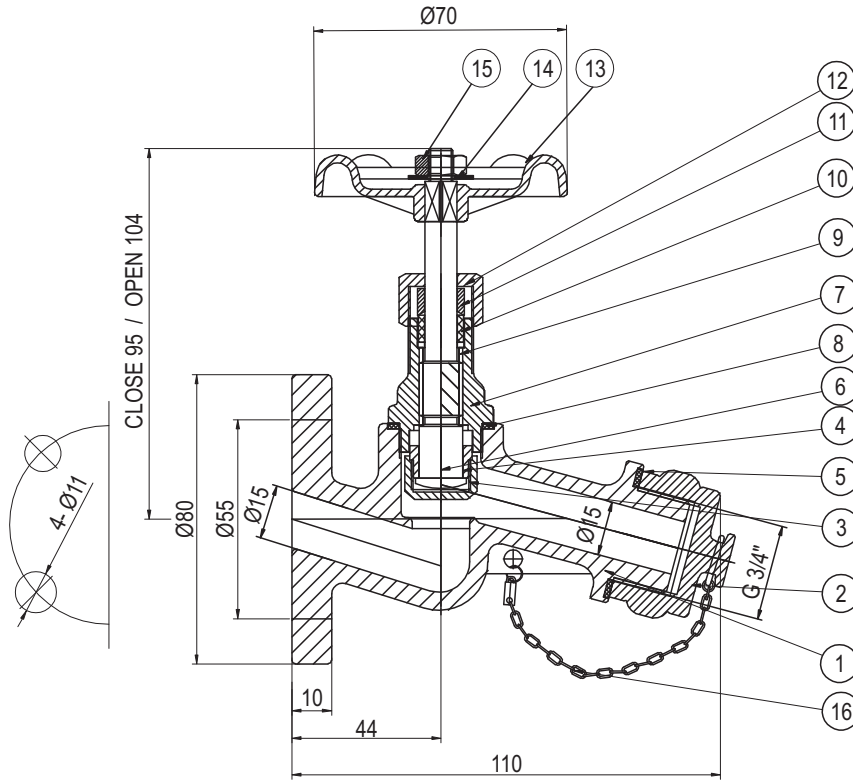
NO	PART NAME	MATERIAL
1	Body	Ms 58 (CuZn40Pb2) or RG 5
2	Closing cap	Ms 58 (CuZn40Pb2) or RG 5
3	Gasket	Teflon
4	Seat	Ms 58 (CuZn40Pb2) or RG 5
5	Gasket	PTFE
6	Upper Cap	Ms 58 (CuZn40Pb2) or RG 5
7	Nut	Ms 58 (CuZn40Pb2) or RG 5
8	Gland	Ms 58
9	Stem	Ms 58
10	Hand wheel	Bakalite or Aluminium casting
11	Packing	PTFE
12	Nut	SS 316
13	Washer	SS 316
14	Chain	SS 316



ARES drain valve for taking samples and drainage from transformer oil.

Stainless Steel 316/1.4408
Stainless Steel 304/1.4308

Body : Stainless steel
Valve stem seal : PTFE gland packing
Seat packing : Metal
Flange connection : Acc. to DIN2501



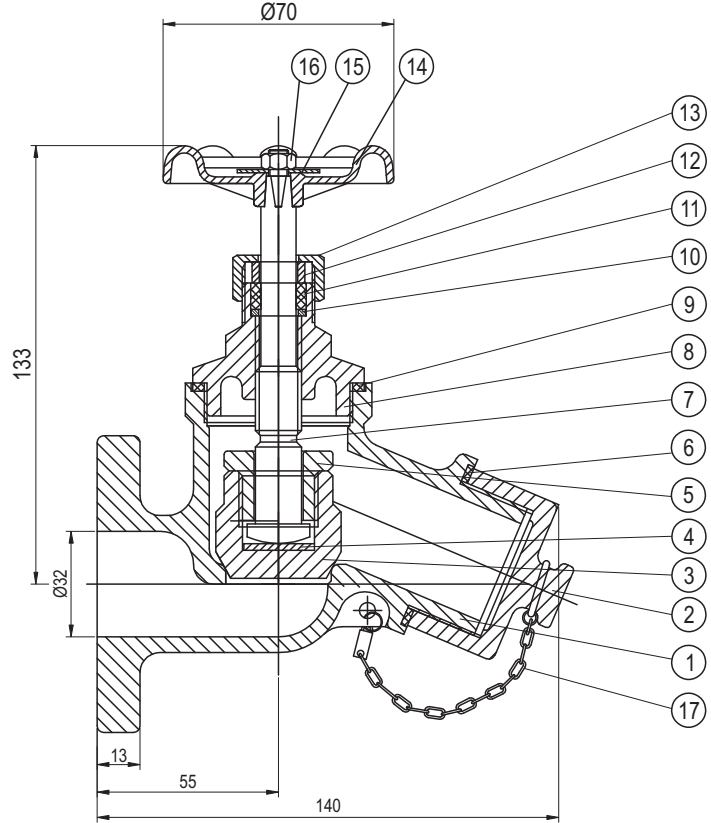
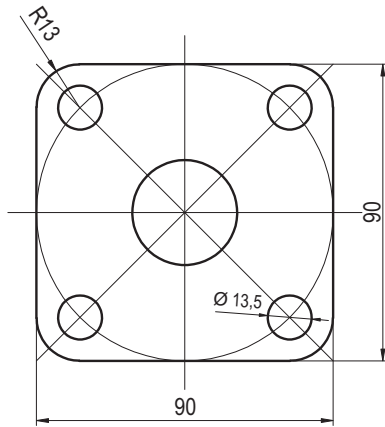
NO	PART NAME	MATERIAL
1	Body	1.4308 - 1.4408
2	Closing cap	1.4308 - 1.4408
3	Disc	SS 304
4	Disc cover	SS 304
5	Gasket	PTFE
6	Stem	SS 304
7	Upper Cap	1.4308 - 1.4408
8	Gasket	PTFE
9	Washer	SS 304
10	Packing	PTFE
11	Gland	SS 304
12	Nut	1.4308 - 1.4408
13	Handle	AL or Bakelite
14	Nut	SS 304
15	Washer	SS 304
16	Chain	SS 304



ARES drain valve for taking samples and drainage from transformer oil.

Stainless Steel 316/1.4408
Stainless Steel 304/1.4308

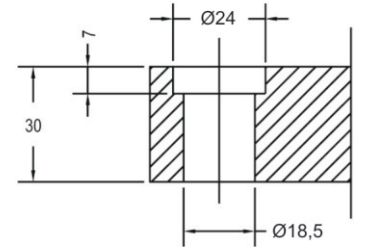
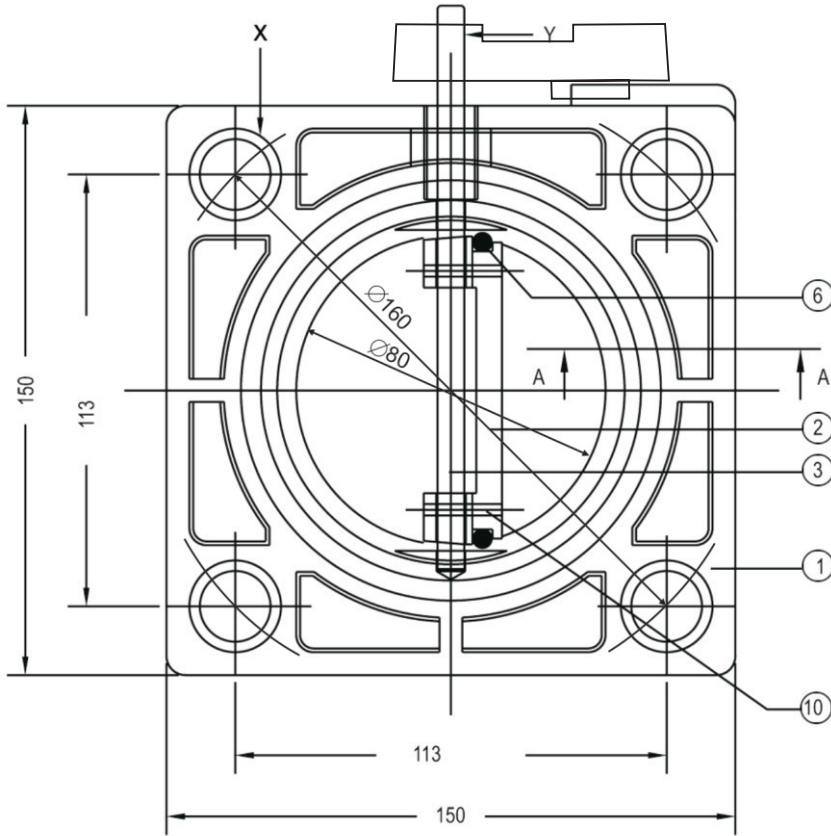
Body : Stainless steel
Valve stem seal : PTFE gland packing
Seat packing : Metal
Flange connection : Acc. to DIN2501



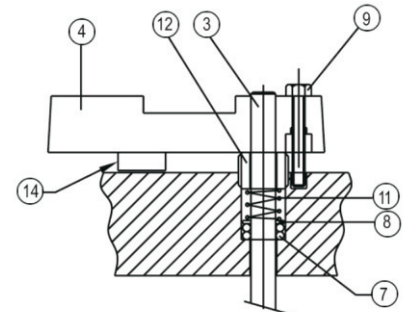
NO	PART NAME	MATERIAL
1	Body	1.4308 - 1.4408
2	Closing cap	1.4308 - 1.4408
3	Disc	SS 304
4	Washer	SS 304
5	Disc cover	SS 304
6	Gasket	PTFE
7	Stem	SS 304
8	Upper Cap	1.4308 - 1.4408
9	Gasket	PTFE
10	Washer	SS 304
11	Packing	PTFE
12	Gland	SS 304
13	Nut	1.4308 - 1.4408
14	Handle	AL or Bakelite
15	Washer	SS 304
16	Nut	SS 304
17	Chain	SS 304



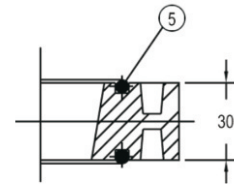
The aluminium die casted valve body, flap and handle. Available for mounting between flanges (wafer type) of transformer tank and radiator. Absolute Zero leakage when valve is closed. Material of sealing O-rings VITON or NBR. The valve can be fixed to the transformer-flange with help of 4 special M 16 bolts.



DETAIL - X



DETAIL - Y



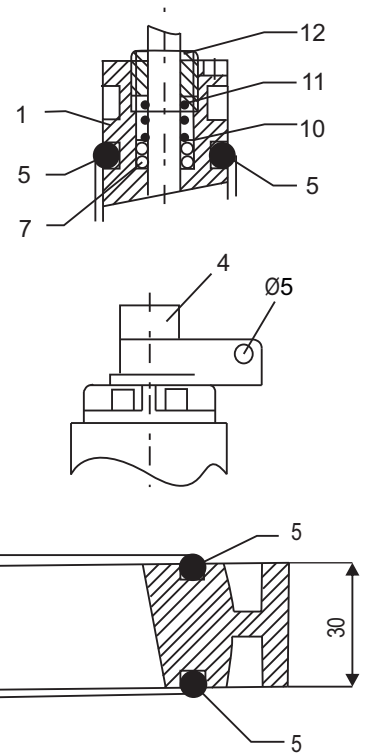
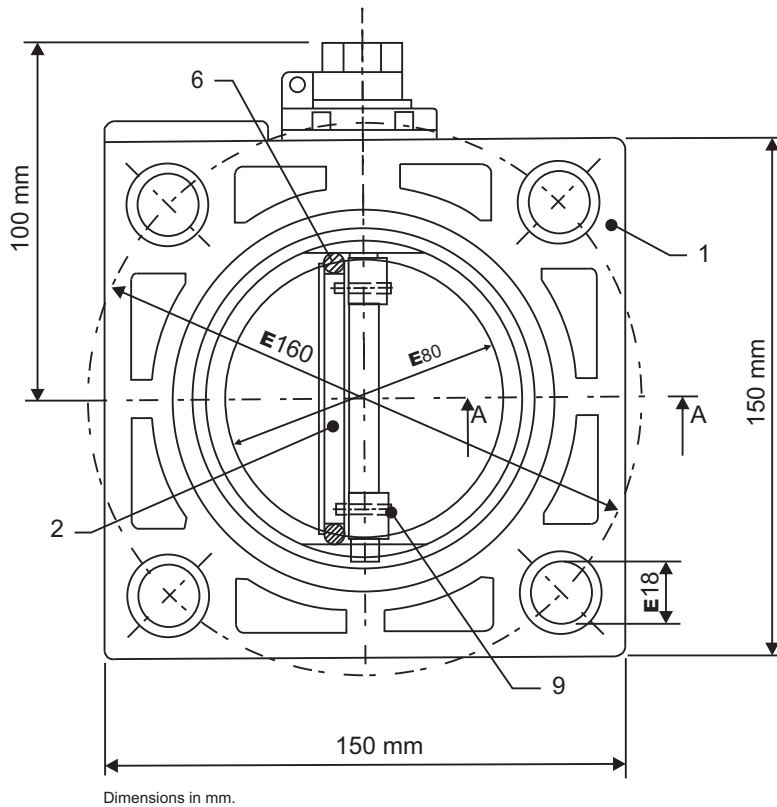
SECT. - AA

No:	Description	Material
1	Body	Aluminium
2	Flap	Aluminium
3	Shaft	St. Steel
4	Latch	Aluminium
5	O-Ring	NBR
6	O-Ring	NBR
7	O-Ring	NBR
8	Washer	A2-70
9	Screw M5x30	A2-70
10	Pin	A2-70
11	Spring	A2-70
12	Prets Screw	A2-70



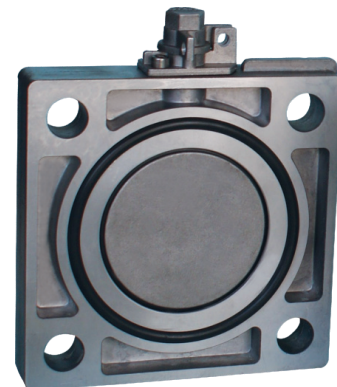
M16x101Bolt
Stainless or St37 zinc
(Optional) Required 4 Pcs for Each Valve

The aluminium die casted valve body, flap and handle. Available for mounting between flanges (wafer type) of transformer tank and radiator. Absolute Zero leakage when valve is closed. Material of sealing O-rings VITON or NBR. The valve can be fixed to the transformer-flange with help of 4 special M 16 bolts.

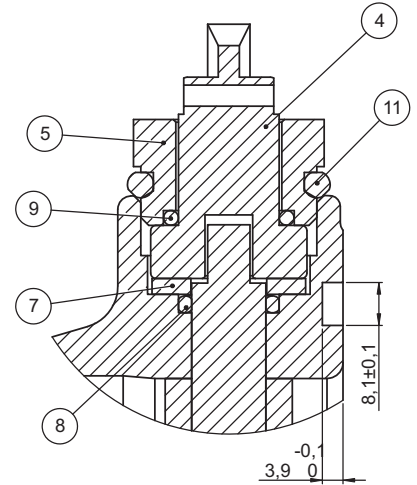
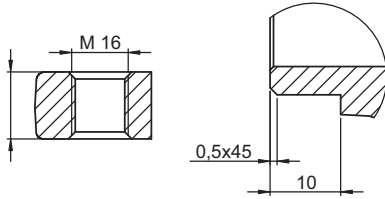
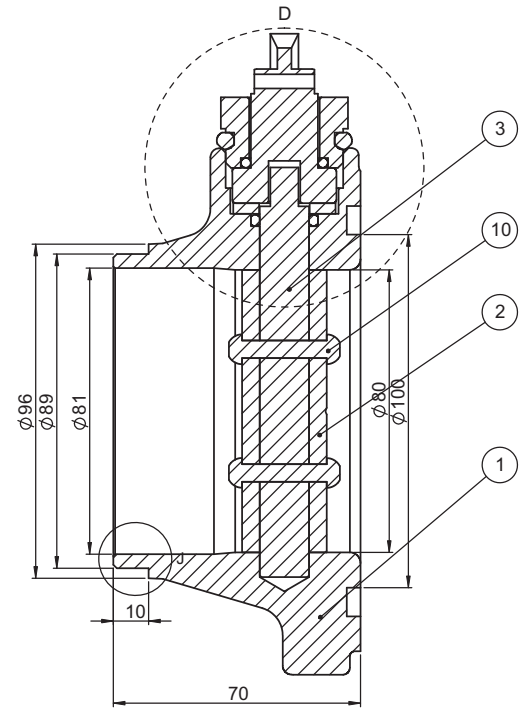
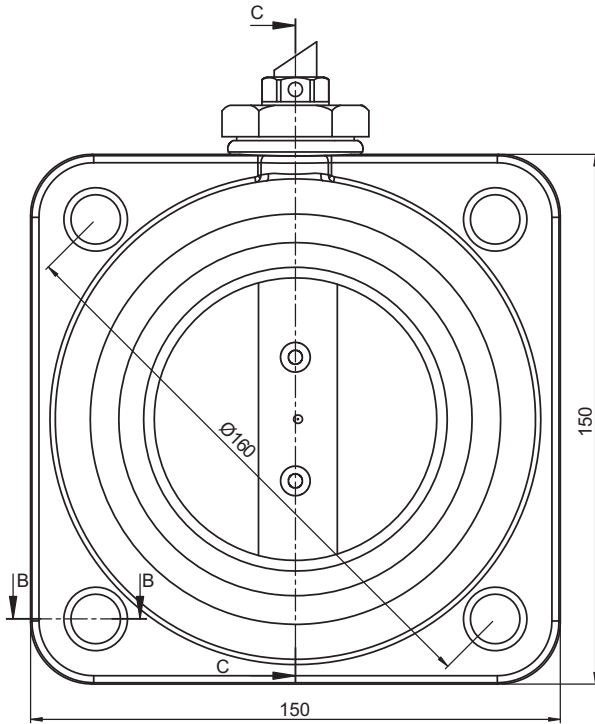


available
to use pad lock

No:	Description	Material
1	Body	Aluminium
2	Flap	Aluminium
3	Shaft	St. Steel
4	Latch	Aluminium
5	O-Ring	NBR
6	O-Ring	NBR
7	O-Ring	NBR
8	Washer	A2-70
9	Screw M5x30	A2-70
10	Pin	A2-70
11	Spring	A2-70
12	Prets Screw	A2-70

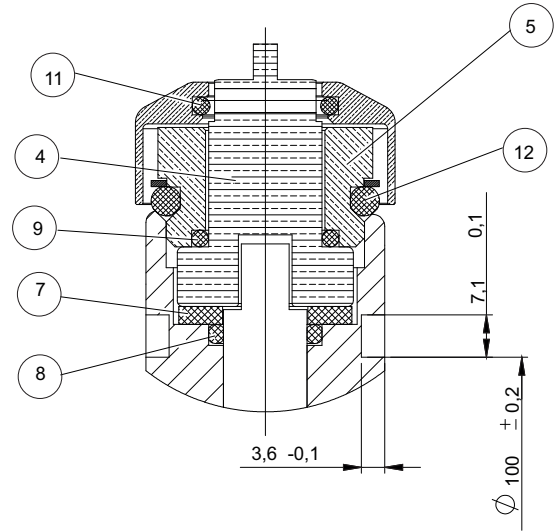
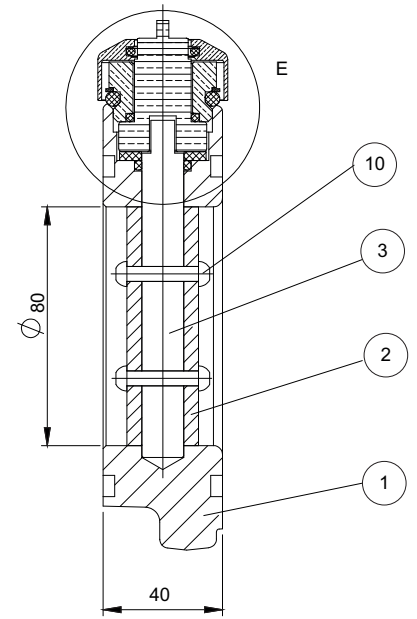
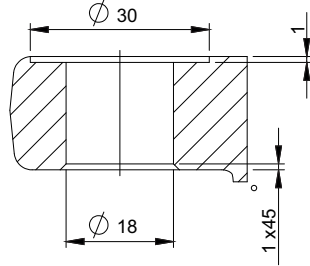
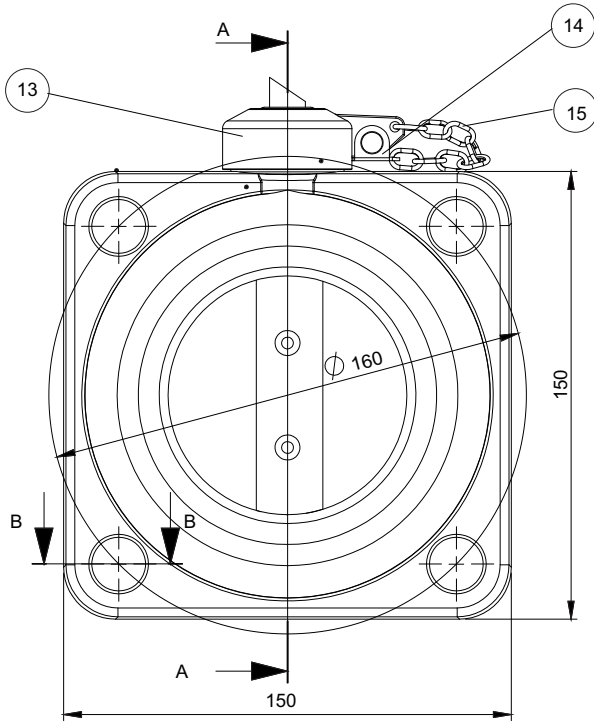


M16x101Bolt
Stainless or St37 zinc
(Optional) Required 4 Pcs for Each Valve



Item	Description	Material	Qty
1	Flange 42560	S355J2G3	1
2	Clap 42560	GG20	1
3	Spindle	11SMnPb30	1
4	Thrust member	Ms58	1
5	Thrust screw	Ms58	1
7	Gasket DIN 42560	AFM 39,29x14,5x3	1
8	O-ring DIN 42560	14x3 NBR	1
9	O-ring	19x3 VITON	1
10	Pin	S235JR,5x28	2
11	O-ring	28x5 VITON	1

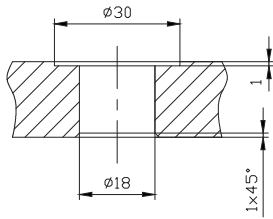
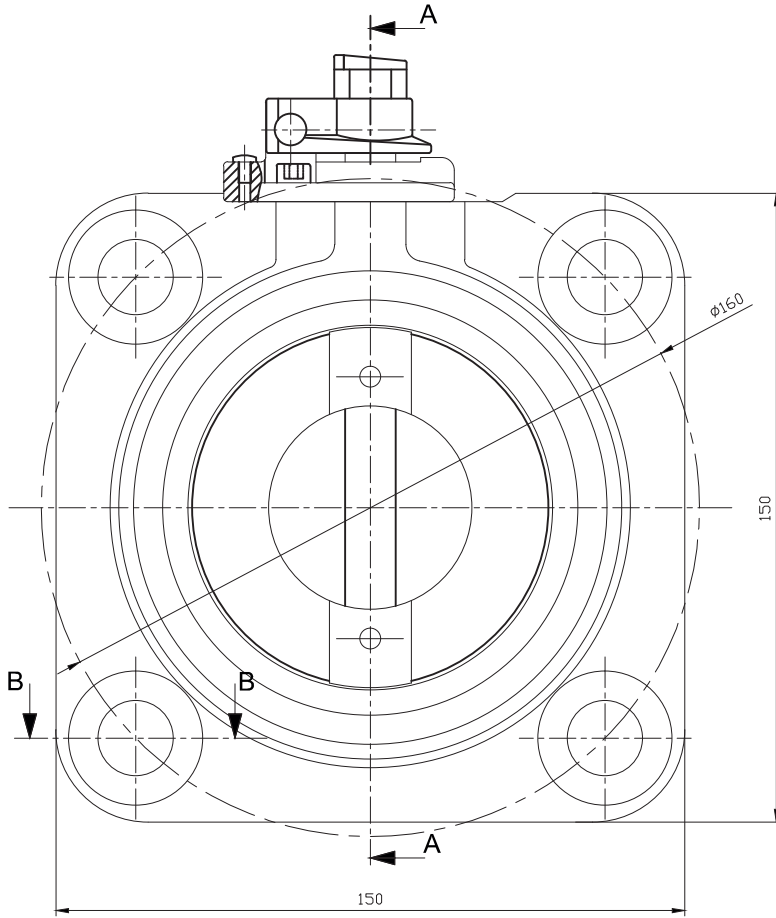




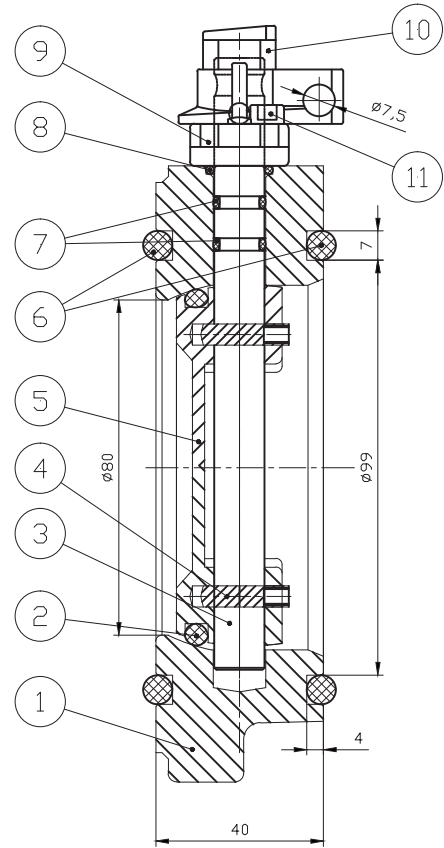
Item	Description	Material	Qty
1	Flange 42560	S355J2G3	1
2	Clap 42560	GG20	1
3	Spindle	11SMnPb30	1
4	Thrust member	Ms58	1
5	Thrust screw	Ms58	1
7	Gasket DIN 42560	AFM 39,29x14,5x3	1
8	O-ring DIN 42560	14x3 NBR	1
9	O-ring	19x3 VITON	1
10	Pin	S235JR,5x28	2
11	O-ring	19x3 VITON	1
12	O-ring (Optional)	28x5 VITON	1
13	Cap (Optional)	MS 58	1
14	Locking-ring (Optional)	Stainless Steel	1
15	Chain (Optional)	Stainless Steel	1

Items 11 - 13 - 14 - 15 - are optional





B - B SECTION

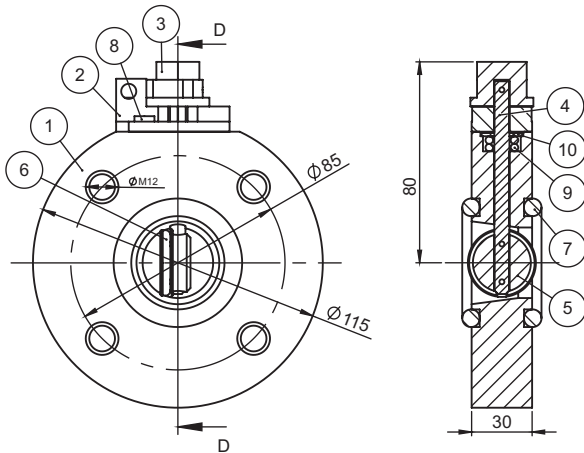


A-A SECTION



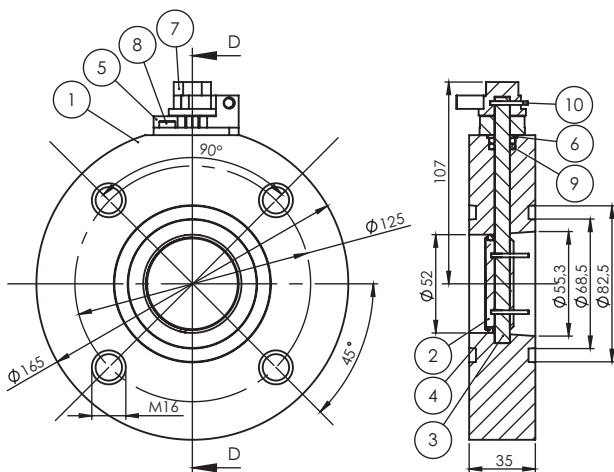
Completly Stainless Steel

DN 25



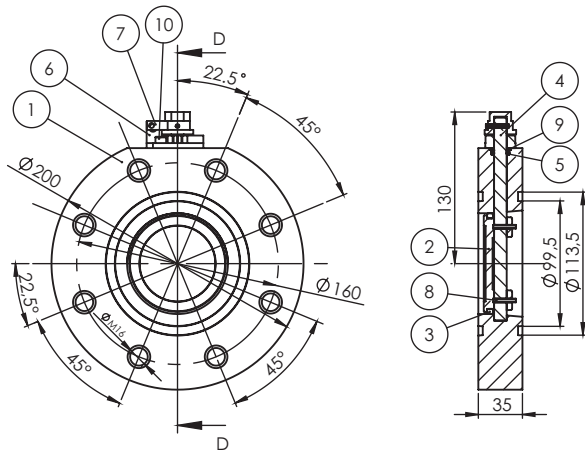
Item	Description	Material	Qty
1	Body	St37 ☐ SS316 ☐ ☐ Aluminium	1
2	Gland	Brass	1
3	Drive	Brass	1
4	Spindle	A2-70	1
5	Throttle Clap	Brass	1
6	O-ring	NBR ☐ Viton ☐	1
7	O-ring	NBR ☐ Viton ☐	2
8	Bolt	A2-70	2
9	O-ring	NBR ☐ Viton ☐	2
10	Washer	A2-70	1

DN 50

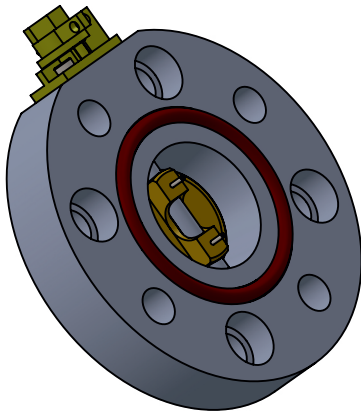
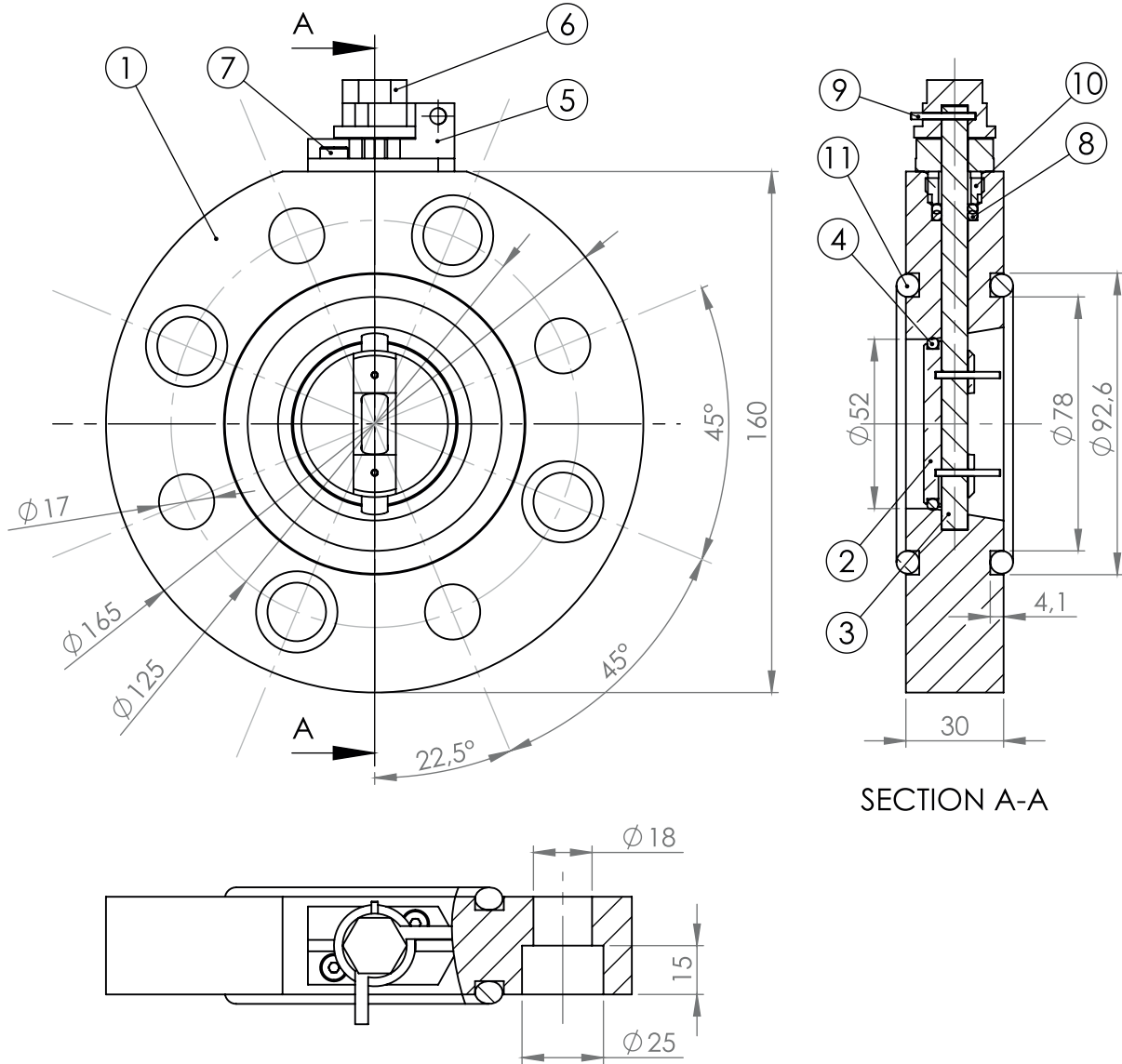


Item	Description	Material	Qty
1	Body	St37 ☐ SS316 ☐ ☐ Aluminium	1
2	Throttle Clap	Brass	1
3	Spindle	A2-70	1
4	O-ring	NBR ☐ Viton ☐	1
5	Gland	Brass	1
6	Washer	A2-70	1
7	Drive	Brass	1
8	Bolt	A2-70	2
9	O-ring	NBR ☐ Viton ☐	2
10	Spring Pin	A2-70	3

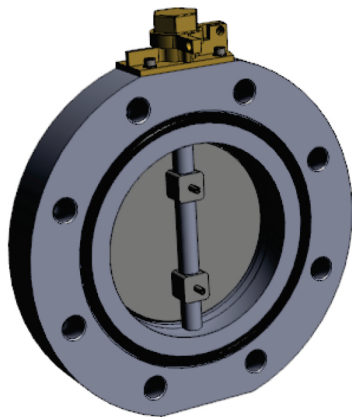
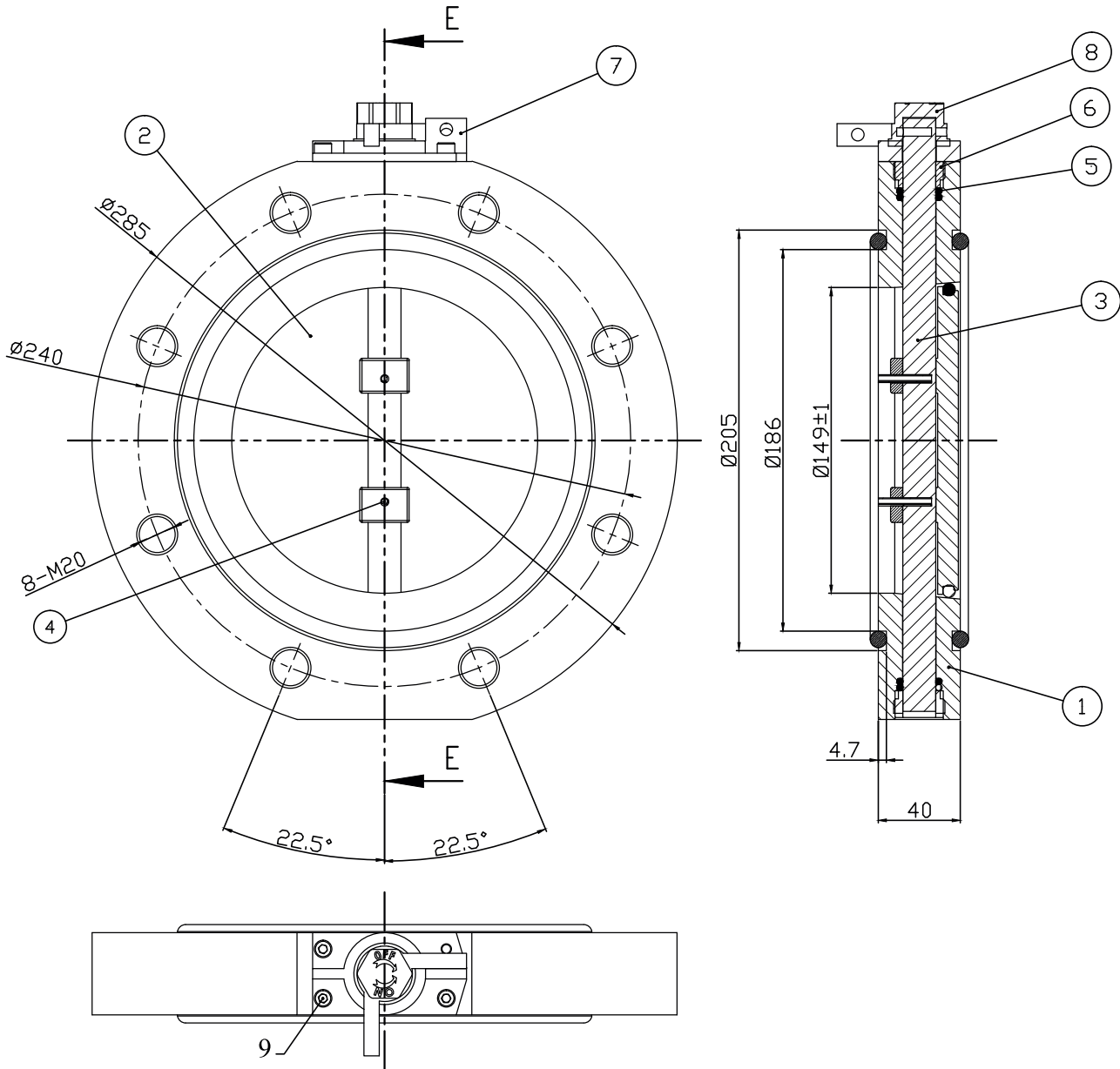
DN 80



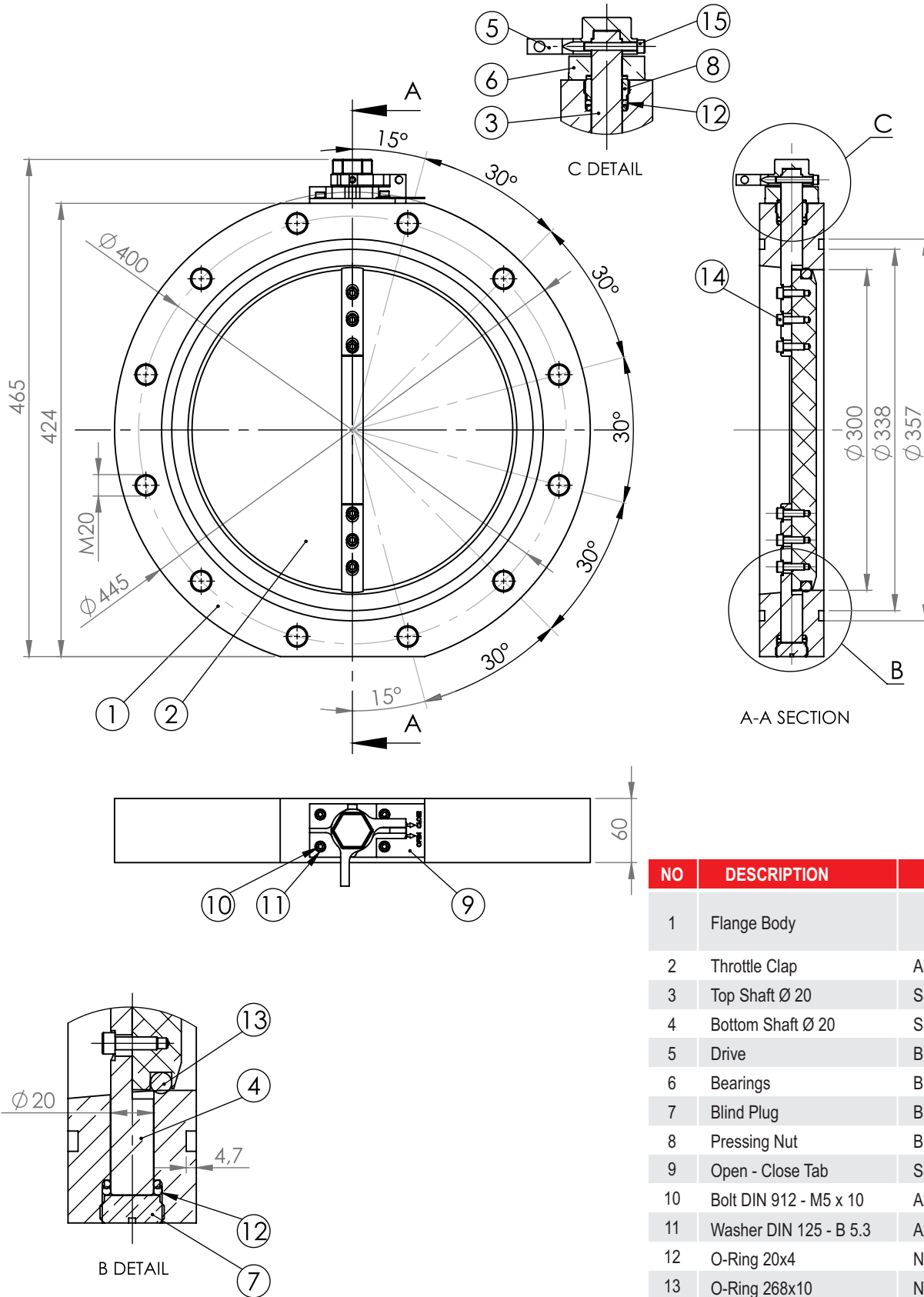
Item	Description	Material	Qty
1	Flange Body	St37 ☐ SS316 ☐ ☐ Aluminium	1
2	Throttle Clap	Brass	1
3	O-ring	NBR ☐ Viton ☐	1
4	Spindle	A2-70	1
5	O-ring	NBR ☐ Viton ☐	2
6	Gland	Brass	1
7	Drive	Brass	1
8	Spring Pin	A2-70	3
9	Washer	A2-70	1
10	Bolt	A2-70	2



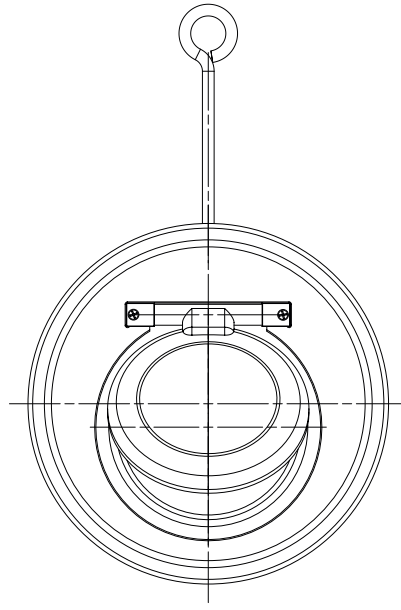
NO	DESCRIPTION	MATERIAL	QTY
1	Flange Body	St37 □ SS316 □ □ Aluminium	1
2	Throttle Clap	Aluminium	1
3	Sheft Ø 8	SS316	1
4	O-Ring 44x3,5	NBR / Viton / FVMQ	1
5	Gland	BRASS	1
6	Drive	BRASS	1
7	DIN 7984 - M5 x20	A2-70	2
8	O-Ring 8x3	NBR / Viton / FVMQ	2
9	Pin	A2-70	3
10	Clap O-Ring Nut	BRASS	1
11	O-Ring 78x7	NBR / Viton / FVMQ	2



NO	DESCRIPTION	MATERIAL	QTY
1	Throttle Clap	St37 □ SS316 □ □ Aluminium	1
2	Clap	Aluminium	1
3	Shaft Ø16	A-70 Staines Steel	1
4	Ø 5 Spring Pin	Staines Steel	2
5	O-Ring Ø 16x3	NBR / Viton / FVMQ	1
6	Pressing Ring	Brass	2
7	Gland	Brass	1
8	Drive	Brass	1
9	Screw M5x10	Staines Steel	4



NO	DESCRIPTION	MATERIAL	QTY
1	Flange Body	St37 □ SS316 □ □ Aluminium	1
2	Throttle Clap	Aluminium	1
3	Top Shaft Ø 20	SS304	1
4	Bottom Shaft Ø 20	SS304	1
5	Drive	BRASS	1
6	Bearings	BRASS	1
7	Blind Plug	BRASS	1
8	Pressing Nut	BRASS	1
9	Open - Close Tab	SS304	1
10	Bolt DIN 912 - M5 x 10	A2-70	4
11	Washer DIN 125 - B 5.3	A2-70	4
12	O-Ring 20x4	NBR / Viton / FVMQ	4
13	O-Ring 268x10	NBR / Viton / FVMQ	1
14	Bolt DIN 912 - M6 x 20	A2-70	6
15	Bolt DIN 912 - M5 x 35	A2-70	1

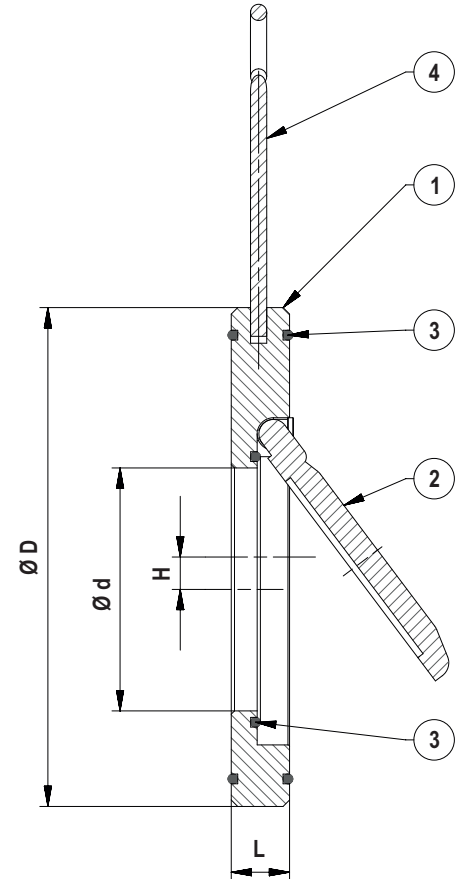


MATERIALS (GS-C 25 - GP240GH)

Parça No	Part Name	Material
1	Body	Cast Carbon Steel + Nickel Plated (T-0430)
2	Disk	Cast Carbon Steel + Nickel Plated (T-0430)
3	O-Ring	EPDM - NBR
4	Eye Bolt	Steel + Nickel Plated

MATERIALS (G-X6CrNi - AISI303)

Parça No	Part Name	Material
1	Body	G-X6CrNi 18 9 - Cast Stainless Steel (T-0450)
2	Disk	G-X6CrNi 18 9 - Cast Stainless Steel (T-0450)
3	O-Ring	EPDM - NBR
4	Eye Bolt	Steel + Nickel Plated



Dimensions

Nominal Pressure	16 Bar														
Nominal Diameter	DN	40	50	65	80	100	125	150	200	250	300	350	400	500	600
Valve Dimensions	ØD	92	107	127	142	162	192	218	273	329	384	444	491	610	724
	Ød	22	32	40	54	70	92	114	154	200	235	280	316	405	486
	L	14				18		20	22	26	28	38	44	56	62
	H	0		2	3	4	5	6	8	9	10	11	12	13	15
Weight	kg	0,7	0.8	1.2	1.5	2.3	4.1	4.1	7	12	18	22	25	30	40