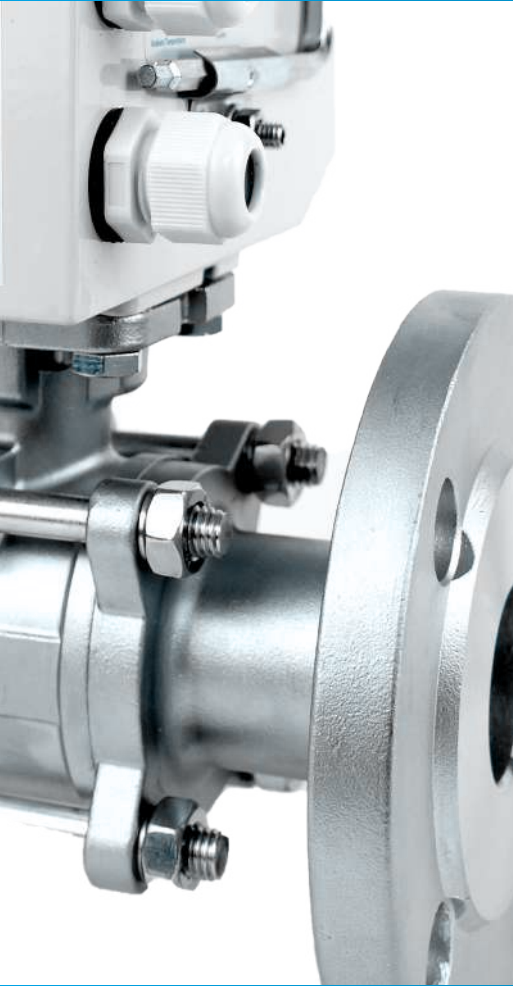




tegravalf

PRODUCT
CATALOG

www.tegravalf.com.tr



ABOUT US

Tegravalf was established in 2022 to meet the needs of industrial, commercial and administrative organizations in fluid control with the experience we have been carrying out since 2003.

Our company, which serves a wide range of sectors such as food, chemical, pharmaceutical, paper, textile, agriculture, energy, marine, automotive, oil and gas, mining, cement and lime, sugar, aluminium, dam, transformer, water and wastewater treatment, has a wide product range with its collaborations with the world's leading industrial valve manufacturers.

Our main product groups are butterfly valves, ball valves, chiber valves, needle valves, pneumatic piston valves, pneumatic-electric actuators, check valves, compensators and their accessories. With our dynamic staff open to development and innovation, we are constantly expanding and improving our high quality product portfolio and taking our performance one step further every day.

Since the first day we were established as Tegravalf, we have been working to offer the most suitable solutions to our customers' needs with our wide product range and high quality standard. With our large amount of product stock, we bring the highest quality to our customers in the fastest way and we are moving forward by aiming 100% customer satisfaction.

MISSION

Our main mission is to add value to the society and economy with the solutions we produce in world standards, high quality and fastest way to the needs of our customers in the control of fluids by adhering to our people-oriented and environmentally sensitive corporate culture.

VISION

Our vision is to be a company that contributes to our society and the world in the field in which we operate by using the benefits of technology to the fullest to improve the services we provide with our innovative and open to development staff and by observing our ethical values.



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I. BUTTERFLY VALVES

- Wafer Type EPDM Sealed Butterfly Valve
- Wafer Type Butterfly Valve with Teflon Gasket
- Wafer Type Viton Sealed Butterfly Valve
- Lug Type EPDM Sealed Butterfly Valve
- Lug Type Butterfly Valve with Teflon Gasket
- Lug Type Viton Sealed Butterfly Valve

tegra



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Wafer Type Butterfly Valve with EPDM Gasket

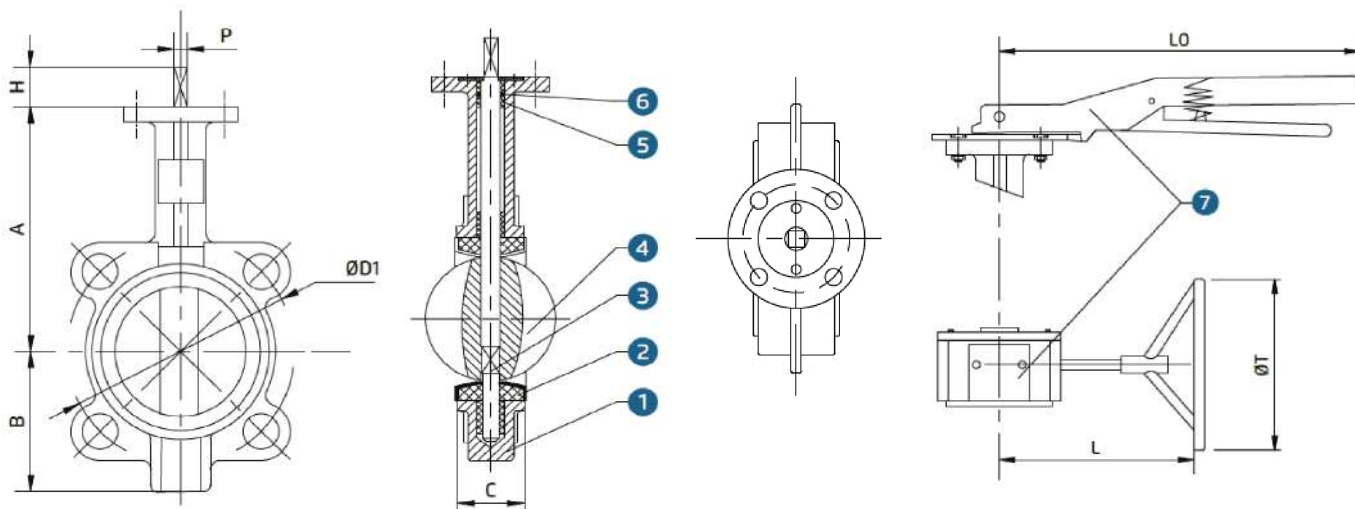


SPECIFICATIONS

Body (1)	GGG40
Gasket (2)	EPDM
Shaft (3)	SS416
Disc (4)	CF8-CF8M
Bolt (5)	PTFE
O-ring (6)	NBR
Handle (7)	Aluminium
Operating Temperature	-15 °C / +80 °C
Pressure Class	PN16

DIMENSIONS

SIZE	A	B	H	P	C	ISO 5211	LO	T	L	Flange	
										PN10	PN16
DN40	125	68	30	9	33	F05	215	137	150	110	110
DN50	129	73	30	9	42	F05	215	137	150	125	125
DN65	137	82	30	9	44,7	F05	215	137	150	145	145
DN80	144	95	30	9	45,2	F05	215	137	150	160	160
DN100	163	109	30	11	52,1	F07	260	137	150	180	180
DN125	179	125	30	14	54,4	F07	260	137	150	210	210
DN150	198	144	30	14	55,8	F07	260	137	150	240	240
DN200	237	173	35	17	60,8	F10	355	269	207	295	295
DN250	281	211	35	22	65,8	F10	355	269	207	350	355
DN300	318	244	35	22	76,9	F10	355	269	207	400	410
DN350	310	260	40	27	78	F10	-	300	201	460	470
DN400	340	315	40	27	102	F14	-	300	230	515	525



Wafer Type Butterfly Valve with Teflon Gasket

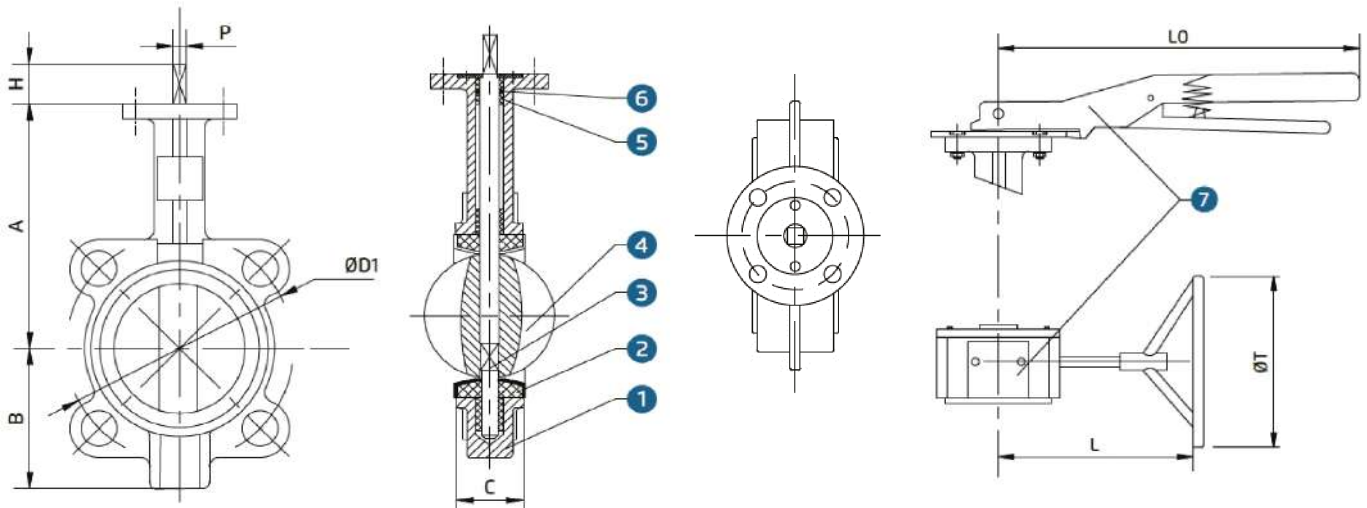


SPECIFICATIONS

Body (1)	GGG40
Gasket (2)	PTFE
Shaft (3)	SS416
Disc (4)	CF8-CF8M
Bushing (5)	PTFE
O-ring (6)	NBR
Handle (7)	Aluminium
Operating Temperature	-10 °C / +120 °C
Pressure Class	PN16

DIMENSIONS

SIZE	A	B	H	P	C	ISO 5211	LO	T	L	Flange	
										PN10	PN16
DN40	125	68	30	9	33	F05	215	137	150	110	110
DN50	129	73	30	9	42	F05	215	137	150	125	125
DN65	137	82	30	9	44,7	F05	215	137	150	145	145
DN80	144	95	30	9	45,2	F05	215	137	150	160	160
DN100	163	109	30	11	52,1	F07	260	137	150	180	180
DN125	179	125	30	14	54,4	F07	260	137	150	210	210
DN150	198	144	30	14	55,8	F07	260	137	150	240	240
DN200	237	173	35	17	60,8	F10	355	269	207	295	295
DN250	281	211	35	22	65,8	F10	355	269	207	350	355
DN300	318	244	35	22	76,9	F10	355	269	207	400	410
DN350	310	260	40	27	78	F10	-	300	201	460	470
DN400	340	315	40	27	102	F14	-	300	230	515	525



Wafer Type Butterfly Valve with Viton Gasket

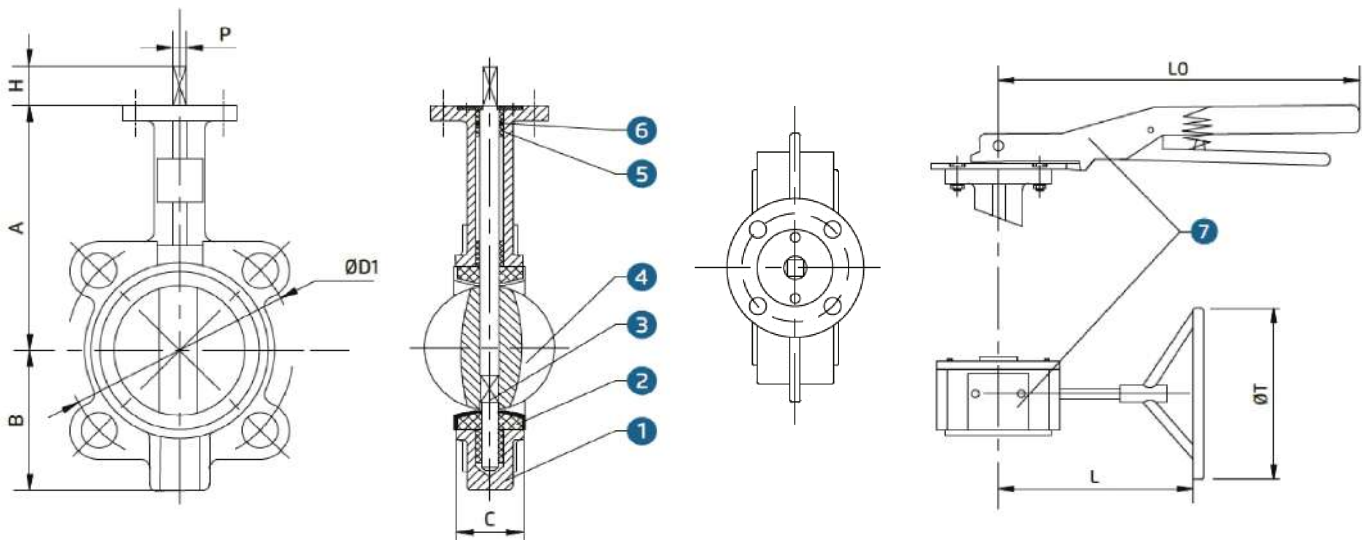


SPECIFICATIONS

Body (1)	GGG40
Gasket (2)	Viton
Shaft (3)	SS416
Disc (4)	CF8-CF8M
Bushing (5)	PTFE
O-ring (6)	NBR
Handle (7)	Aluminium
Working Temperature	-10 °C / +125 °C
Pressure Class	PN16

DIMENSIONS

SIZE	A	B	H	P	C	ISO 5211	LO	T	L	Flange	
										PN10	PN16
DN40	125	68	30	9	33	F05	215	137	150	110	110
DN50	129	73	30	9	42	F05	215	137	150	125	125
DN65	137	82	30	9	44,7	F05	215	137	150	145	145
DN80	144	95	30	9	45,2	F05	215	137	150	160	160
DN100	163	109	30	11	52,1	F07	260	137	150	180	180
DN125	179	125	30	14	54,4	F07	260	137	150	210	210
DN150	198	144	30	14	55,8	F07	260	137	150	240	240
DN200	237	173	35	17	60,8	F10	355	269	207	295	295
DN250	281	211	35	22	65,8	F10	355	269	207	350	355
DN300	318	244	35	22	76,9	F10	355	269	207	400	410



Lug Type Butterfly Valve with EPDM Gasket

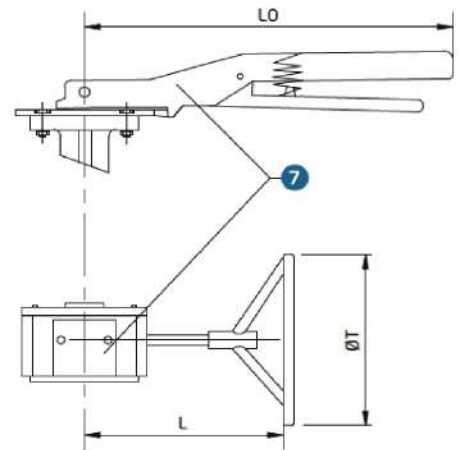
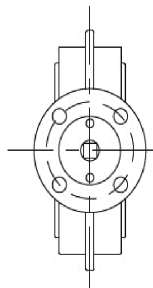
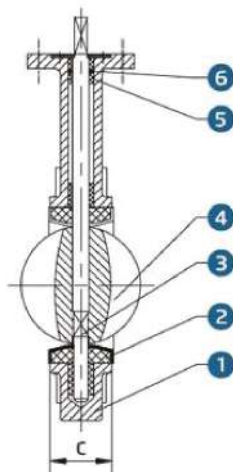
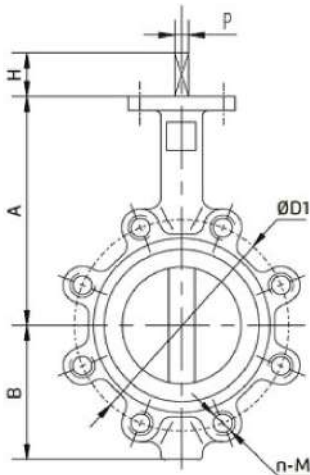


SPECIFICATIONS

Body (1)	GGG40
Gasket (2)	EPDM
Shaft (3)	SS416
Disc (4)	CF8-CF8M
Bushing (5)	PTFE
O-ring (6)	NBR
Handle (7)	Aluminium
Operating Temperature	-15 °C / +80 °C
Pressure Class	PN16

DIMENSIONS

SIZE	A	B	H	P	C	ISO 5211	LO	T	L	Flange	
										PN16	
DN40	125	68	30	9	33	F05	215	137	150	110	4-M16
DN50	129	73	30	9	42	F05	215	137	150	125	4-M16
DN65	137	82	30	9	44,7	F05	215	137	150	145	4-M16
DN80	144	95	30	9	45,2	F05	215	137	150	160	8-M20
DN100	163	109	30	11	52,1	F07	260	137	150	180	8-M20
DN125	179	125	30	14	54,4	F07	260	137	150	210	8-M20
DN150	198	144	30	14	55,8	F07	260	137	150	240	8-M20
DN200	237	173	35	17	60,8	F10	355	269	207	295	8-M20
DN250	281	211	35	22	65,8	F10	355	269	207	355	12-M24
DN300	318	244	35	22	76,9	F10	355	269	207	410	12-M24
DN350	368	267	45	24	76,5	F10	-	269	195	470	16-M24
DN400	400	309	51,5	24	86,5	F14	-	290	243	525	16-M27



Lug Type Butterfly Valve with Teflon Gasket

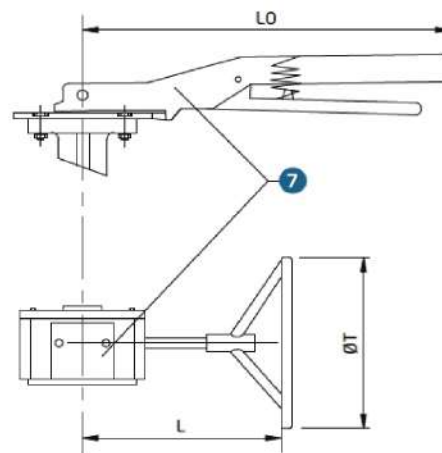
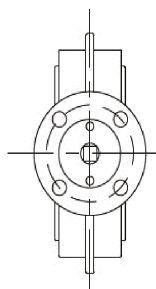
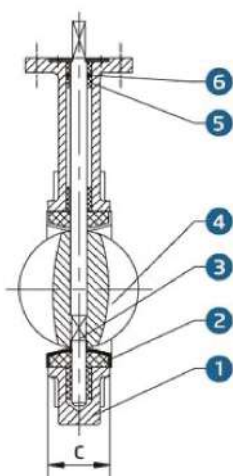
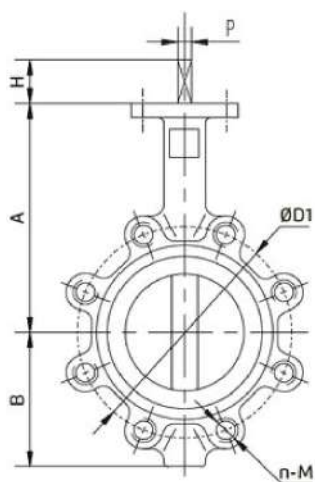


SPECIFICATIONS

Body	GGG40
Gasket	PTFE
Shaft	SS416
Disc	CF8-CF8M
Bushing	PTFE
O-Ring	NBR
Handle	Aluminium
Operating Temperature	-10 °C / +120 °C
Pressure Class	PN16

DIMENSIONS

SIZE	A	B	H	P	C	ISO 5211	LO	T	L	Flange	
										PN16	
DN40	125	68	30	9	33	F05	215	137	150	110	4-M16
DN50	129	73	30	9	42	F05	215	137	150	125	4-M16
DN65	137	82	30	9	44,7	F05	215	137	150	145	4-M16
DN80	144	95	30	9	45,2	F05	215	137	150	160	8-M20
DN100	163	109	30	11	52,1	F07	260	137	150	180	8-M20
DN125	179	125	30	14	54,4	F07	260	137	150	210	8-M20
DN150	198	144	30	14	55,8	F07	260	137	150	240	8-M20
DN200	237	173	35	17	60,8	F10	355	269	207	295	8-M20
DN250	281	211	35	22	65,8	F10	355	269	207	355	12-M24
DN300	318	244	35	22	76,9	F10	355	269	207	410	12-M24
DN350	368	267	45	24	76,5	F10	-	269	195	470	16-M24
DN400	400	309	51,5	24	86,5	F14	-	290	243	525	16-M27



Lug Type Butterfly Valve with Viton Gasket

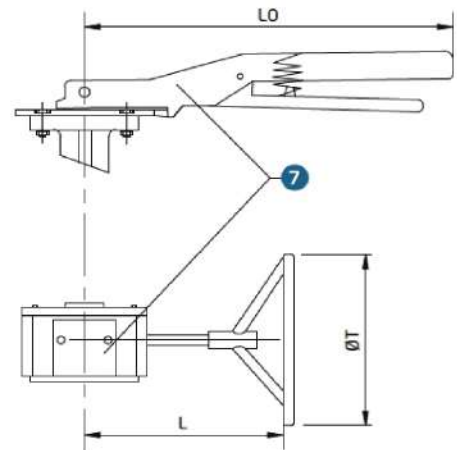
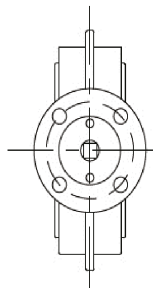
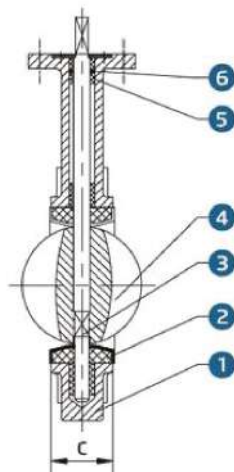
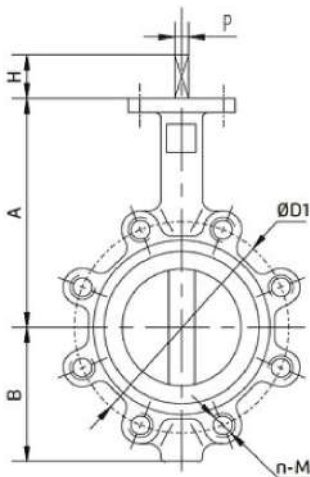


SPECIFICATIONS

Body (1)	GGG40
Gasket (2)	Viton
Shaft (3)	SS416
Disc (4)	CF8-CF8M
Bushing (5)	PTFE
O-ring (6)	NBR
Handle (7)	Aluminium
Operating Temperature	-10 °C / +125 °C
Pressure Class	PN16

DIMENSIONS

SIZE	A	B	H	P	C	ISO 5211	LO	T	L	Flange	
										PN16	
DN40	125	68	30	9	33	F05	215	137	150	110	4-M16
DN50	129	73	30	9	42	F05	215	137	150	125	4-M16
DN65	137	82	30	9	44,7	F05	215	137	150	145	4-M16
DN80	144	95	30	9	45,2	F05	215	137	150	160	8-M20
DN100	163	109	30	11	52,1	F07	260	137	150	180	8-M20
DN125	179	125	30	14	54,4	F07	260	137	150	210	8-M20
DN150	198	144	30	14	55,8	F07	260	137	150	240	8-M20
DN200	237	173	35	17	60,8	F10	355	269	207	295	8-M20
DN250	281	211	35	22	65,8	F10	355	269	207	355	12-M24
DN300	318	244	35	22	76,9	F10	355	269	207	410	12-M24





II. STAINLESS VALVES

- Mini Ball Valve, Male / Female
- Mini Ball Valve, Female / Female
- 2 Piece Threaded Ball Valve
- 2 Piece Flanged Ball Valve
- 3 Piece Threaded Ball Valve
- 3 Piece Flanged Ball Valve
- 2 Piece Overhead Flanged Threaded Valve
- 3 Piece Overhead Flanged Threaded Valve
- 3 Threaded Ball Valve, T Port
- 3 Threaded Ball Valve, L Port
- Pneumatic Piston Valve, Flanged
- Pneumatic Piston Valve, Gear
- Gate Valve
- Needle Valve, Threaded

tegra



tegravalf

Mini Ball Valve, Male / Female

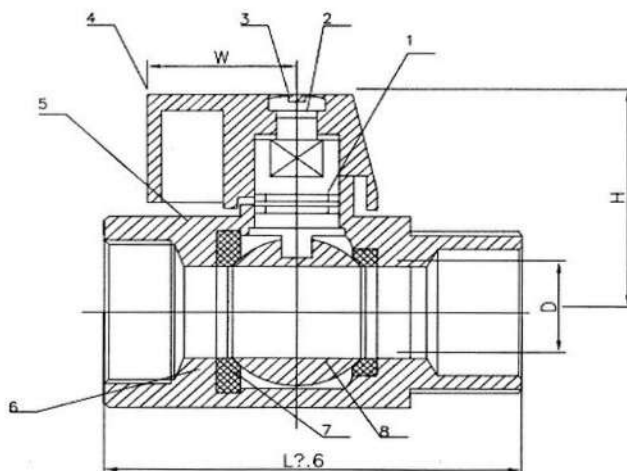


SPECIFICATIONS

O-Ring (1)	NBR
Shaft (2)	AISI304 / AISI316
Bolt (3)	AISI304 / AISI316
Handle (4)	Aluminium
Body (5)	AISI304 / AISI316
Cover (6)	AISI304 / AISI316
Seat (7)	PTFE
Ball (8)	AISI304 / AISI316
Operating Temperature	-30 °C / +120 °C
Pressure Class	PN63

DIMENSIONS

SIZE	L	D	H	W	E
1/8"	45	7	26	23	18
1/4"	45	7	26,5	22,8	18
3/8"	45	7	26,5	22,8	18
1/2"	49	9	28,3	22,8	22
3/4"	52	12,5	31,5	22,8	28
1"	65	15	34	22,8	34



Mini Ball Valve, Female / Female

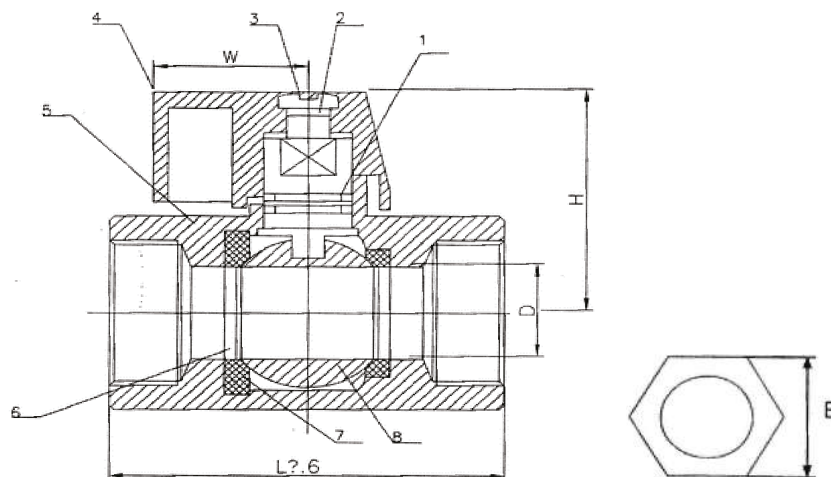


SPECIFICATIONS

O-Ring (1)	NBR
Shaft (2)	AISI304 / AISI316
Bolt (3)	AISI304 / AISI316
Handle (4)	Aluminium
Body (5)	AISI304 / AISI316
Cover (6)	AISI304 / AISI316
Seat (7)	PTFE
Ball (8)	AISI304 / AISI316
Operating Temperature	-30 °C / +120 °C
Pressure Class	PN63

DIMENSIONS

SIZE	L	D	H	W	E
1/8"	45	7	26	23	18
1/4"	45	7	26,5	22,8	18
3/8"	45	7	26,5	22,8	18
1/2"	49	9	28,3	22,8	22
3/4"	52	12,5	31,5	22,8	28
1"	65	15	34	22,8	34



2 Piece Threaded Ball Valve

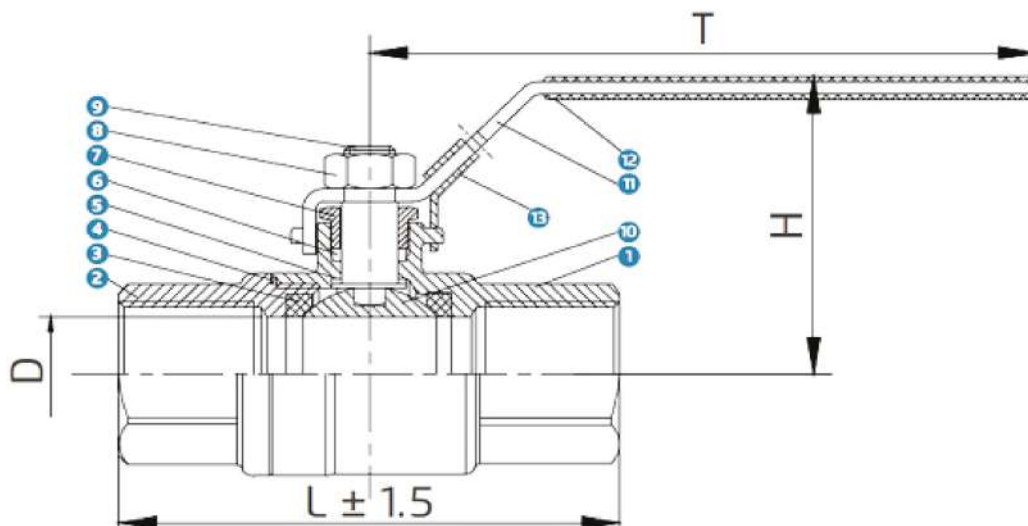


SPECIFICATIONS

Body (1)	AISI304 / AISI316
Cover (2)	AISI304 / AISI316
Ball Gasket (3)	PTFE
Gasket (4)	PTFE
Washer (5)	PTFE
Gasket (6)	PTFE
Pressure Ring (7)	S201 / S304
Nut (8)	S201 / S304
Ball Shaft (9)	AISI304 / AISI316
Ball (10)	AISI304 / AISI316
Handle (11)	S201 / S304
Handle Sleeve (12)	PVC
Lock (13)	S201 / S304
Operating Temperature	-30 °C / +120 °C
Pressure Class	PN63

DIMENSIONS

CLASS	SIZE		L	D	H	T
PN63	DN15	1/2"	75	15	38	107
	DN20	3/4"	80	20	61	120
	DN25	1"	90	25	67	126
	DN32	1.1/4"	110	32	78	143
	DN40	1.1/2"	120	40	83	160
	DN50	2"	140	50	88	171
	DN65	2.1/2"	185	65	124	205
	DN80	3"	205	80	145	235
	DN100	4"	235	100	162	288



2-Piece Flanged Ball Valve

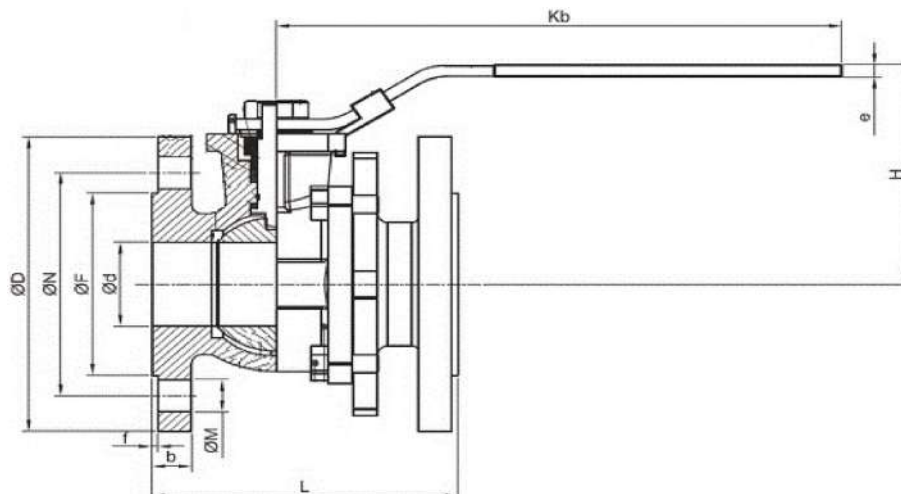


SPECIFICATIONS

Body	AISI304 / AISI316
Ball	AISI304 / AISI316
Gasket	PTFE
Ball Shaft	AISI304 / AISI316
Shaft Gasket	PTFE
Shaft Nut	AISI304
Shaft Fitting	AISI304
Handle	AISI304
Lock Mechanism	AISI304
Dimensions	DIN 3202-F1/F5 (DIN 558-1)
Connections	DIN 2501 (DIN EN 1092-2)
Tests	EN 12266-1
Operating Temperature	-30 °C / +120 °C
Pressure Class	PN16

DIMENSIONS

CLASS	SIZE	L	Kb	H	Ød	ØD	ØN	ØF	b	ØD1	ØM	f
PN16	DN25	125	175	115	25	115	85	68	18	4	14	2
	DN32	130	180	120	32	140	100	78	18	4	18	2
	DN40	140	265	138	40	150	110	84	18	4	19	3
	DN50	150	265	145	50	165	125	99	20	4	19	3
	DN65	170	265	155	65	185	145	118	20	4	19	3
	DN80	180	295	162	80	200	160	132	22	8	19	3
	DN100	190	295	175	100	220	180	156	24	8	19	3
	DN125	325	430	200	125	250	210	184	26	8	19	3
	DN150	350	430	215	150	285	240	211	26	8	23	3
	DN200	400	450	230	200	340	295	266	30	12	23	3
	DN250	533	355	287	26	405	310	319	26	12	23	3



3 Piece Threaded Ball Valve

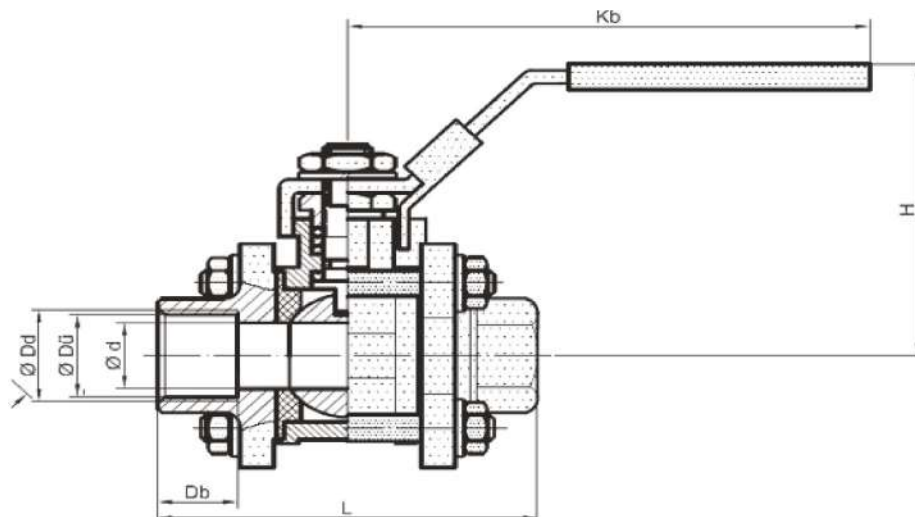


SPECIFICATIONS

Body	AISI304 / AISI316
Ball	AISI304 / AISI316
Gasket	PTFE
Ball Shaft	AISI304 / AISI316
Shaft Nut	AISI304
Shaft Fitting	AISI304
Handle	AISI304
Lock Mechanism	AISI304
Operating Temperature	-30 °C / +120 °C
Pressure Class	PN63

DIMENSIONS

CLASS	SIZE		L	Kb	H	Ød	Ødü	ØDd	ØDb
PN40	DN15	1/2"	75	120	65	15	18,6	21	15
PN40	DN20	3/4"	80	140	70	20	24,2	26,4	16
PN40	DN25	1"	90	145	80	25	30,2	33,2	19
PN40	DN32	1.1/4"	110	160	85	32	39	41,9	21
PN40	DN40	1.1/2"	120	160	100	40	44,9	47,8	21
PN40	DN50	2"	140	205	105	50	56,7	59,6	25
PN16	DN65	2.1/2"	185	300	145	65	72,2	75,2	30
PN16	DN80	3"	205	410	180	80	84,9	87,9	33
PN16	DN100	4"	240	410	195	100	110	113	35



3 Piece Flanged Ball Valve

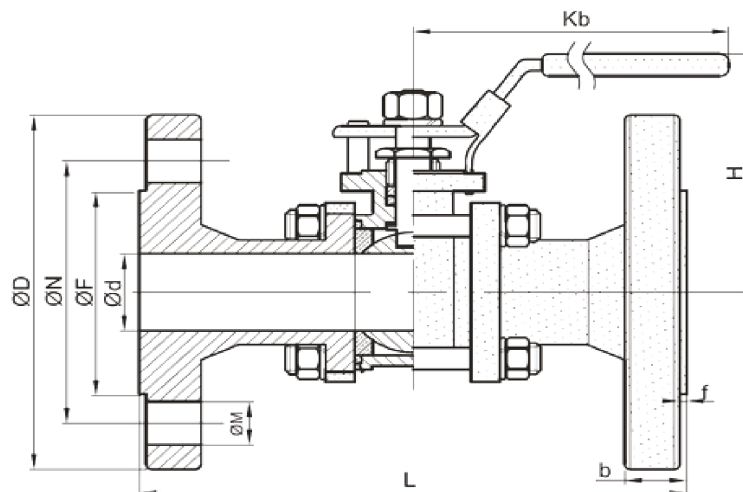


SPECIFICATIONS

Body	AISI304 / AISI316
Ball	AISI304 / AISI316
Ball Seat	PTFE
Ball Shaft	AISI304 / AISI316
Shaft Ring	PTFE
Washer	AISI304
Pressure Ring	AISI304
Handle	AISI304
Lock	AISI304
Dimensions	DIN 3202-F1/F5 (DIN 558-1)
Connections	DIN 2501 (DIN EN 1092-2)
Tests	EN 12266-1
Operating Temperature	-30 °C / +120 °C
Pressure Class	PN40

DIMENSIONS

CLASS	SIZE	L	Kb	H	Ød	ØD	ØN	ØF	b	ØD1	ØM	f
PN40	DN15	130	130	79	15	95	65	45	16	4	14	2
PN40	DN20	150	155	83	20	105	75	58	18	4	14	2
PN40	DN25	160	175	97	25	115	85	68	18	4	14	2
PN40	DN32	180	175	102	32	140	100	78	18	4	18	2
PN40	DN40	200	190	118	40	150	110	88	18	4	18	2
PN40	DN50	230	190	123	50	165	125	102	20	4	18	3
PN16	DN65	290	280	162	65	185	145	122	20	4	18	3
PN16	DN80	310	280	173	80	200	160	138	20	8	18	3
PN16	DN100	350	315	197	100	220	180	158	20	8	18	3
PN16	DN125	400	610	610	125	250	210	188	22	8	18	3
PN16	DN150	450	610	610	150	285	240	212	22	8	22	3
PN16	DN200	550	850	850	200	340	295	268	24	12	22	3
PN16	DN250	650	1000	1000	250	405	355	320	32	12	26	3



2 Piece Overhead Flanged Threaded Valve

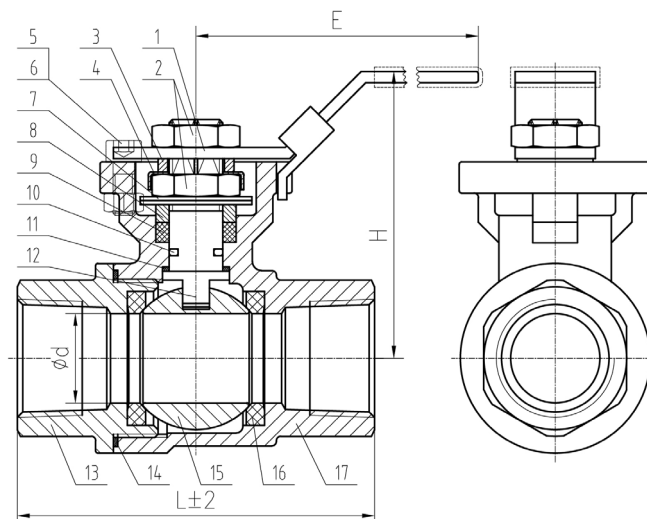


SPECIFICATIONS

Nut (1-5)	AISI304
Handle (2)	AISI201
Washer (3)	AISI304
Pressure Ring (8)	AISI304
Gasket (9-11-14)	PTFE
O-Ring (10)	FKM
Shaft (12)	AISI304 / AISI316
Cover (13)	WCB / CF8 / CF8M
Ball (15)	AISI304 / AISI316
Ball Gasket (16)	PTFE
Body (17)	WCB / CF8 / CF8M
Operating Temperature	-30 °C / +120 °C
Pressure Class	PN63

DIMENSIONS

SIZE	d	L	H	E	A	B	F	G	S
1/4"	8	61	65	125	36	42	5.5	6	9
3/8"	10	61	65	125	36	42	5.5	6	9
1/2"	15	61	65	125	36	42	5.5	6	9
3/4"	20	71	70	125	36	42	5.5	6	9
1"	25	81	85	155	42	50	6	7	11
1.1/4"	32	97	90	155	42	50	6	7	11
1.1/2"	38	105	110	185	50	70	7	9	14
2"	49	120	115	185	50	70	7	9	14
2.1/2"	65	145	145	260	70	102	9	11	17
3"	80	168	155	260	70	102	9	11	17
4"	100	204	170	300	70	102	9	11	19



3 Piece Overhead Flanged Threaded Valve

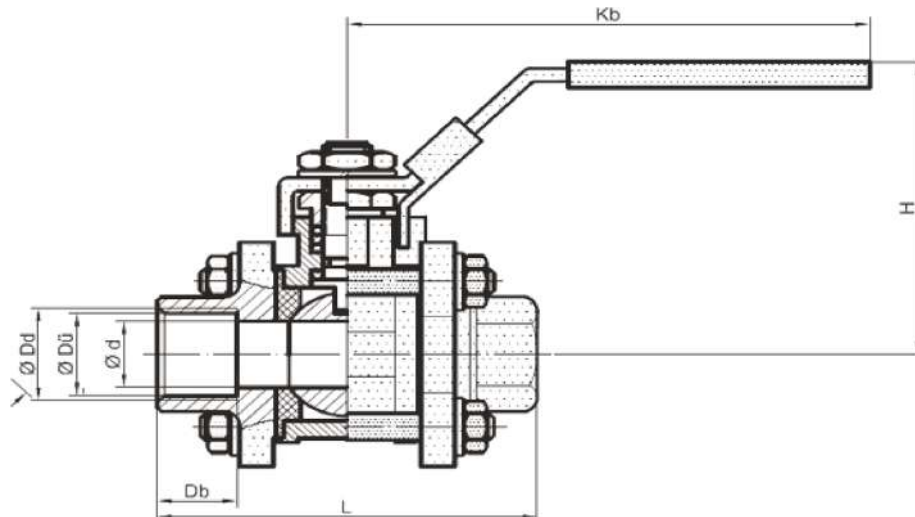


SPECIFICATIONS

Body	AISI304 / AISI316
Ball	AISI304 / AISI316
Gasket	PTFE
Ball Shaft	AISI304 / AISI316
Shaft Nut	AISI304
Shaft Fitting	AISI304
Handle	AISI304
Locking Mechanism	AISI304
Operating Temperature	-30 °C / +120 °C
Pressure Class	PN63

DIMENSIONS

CLASS	SIZE		L	Kb	H	Ød	Ødü	ØDd	ØDb	ØD1	ØD2	Ød1	Ød2	K	e
PN40	DN15	1/2"	75	120	65	15	18,6	21	15	42	36	5	5	42	3
PN40	DN20	3/4"	80	140	70	20	24,2	26,4	16	42	36	5	5	42	3
PN40	DN25	1"	90	145	80	25	30,2	33,2	19	50	42	6,5	6,5	50	4
PN40	DN32	1.1/4"	110	160	85	32	39	41,9	21	50	42	6,5	6,5	50	4
PN40	DN40	1.1/2"	120	160	100	40	44,9	47,8	21	70	50	8,5	6,5	65	5
PN40	DN50	2"	140	205	105	50	56,7	59,6	25	70	50	8,5	6,5	65	5
PN16	DN65	2.1/2"	185	300	145	65	72,2	75,2	30	102	70	10,5	8,5	95	6
PN16	DN80	3"	205	410	180	80	84,9	87,9	33	102	70	10,5	8,5	95	6
PN16	DN100	4"	240	410	195	100	110	113	35	102	70	10,5	8,5	95	7



3 Way Threaded Ball Valve, T Port

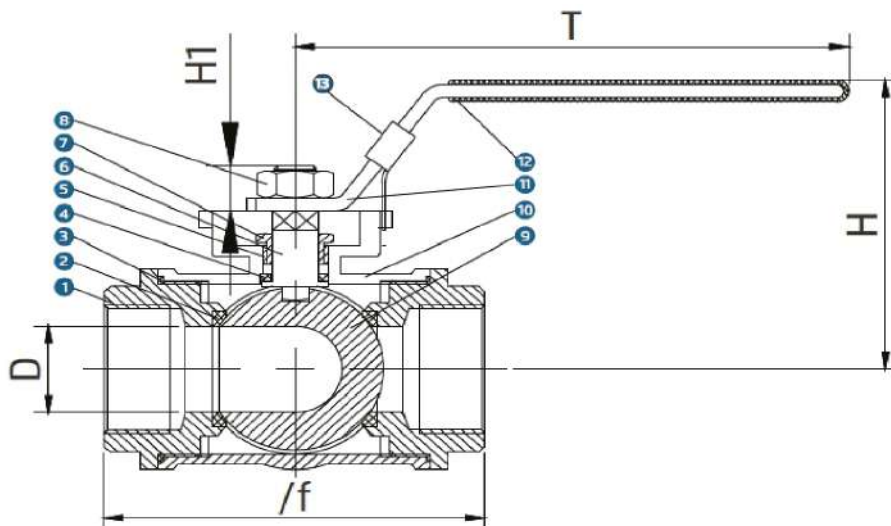


SPECIFICATIONS

Cover (1)	AISI304 / AISI316
Gasket (2-3)	PTFE
Washer (4)	PTFE
Packing (5)	PTFE
Shaft (6)	AISI304 / AISI316
Pressure Plug (7)	AISI201 / AISI304
Nut (8)	AISI201 / AISI304
Ball (9)	AISI304 / AISI316
Body (10)	AISI304 / AISI316
Handle (11)	AISI201 / AISI304
Sheath	PVC
Lock	AISI201 / AISI304
Operating Temperature	-30 °C / +120 °C
Pressure Class	PN63

DIMENSIONS

SIZE		L	L1	H	T	C
DN15	1/2"	75	55	65	131	9
DN20	3/4"	80	63	70	131	9
DN25	1"	90	72	83	167	11
DN32	1.1/4"	110	92	90	167	11
DN40	1.1/2"	120	100	115	193	14
DN50	2"	140	119	121	193	14



3 Way Threaded Ball Valve, L Port

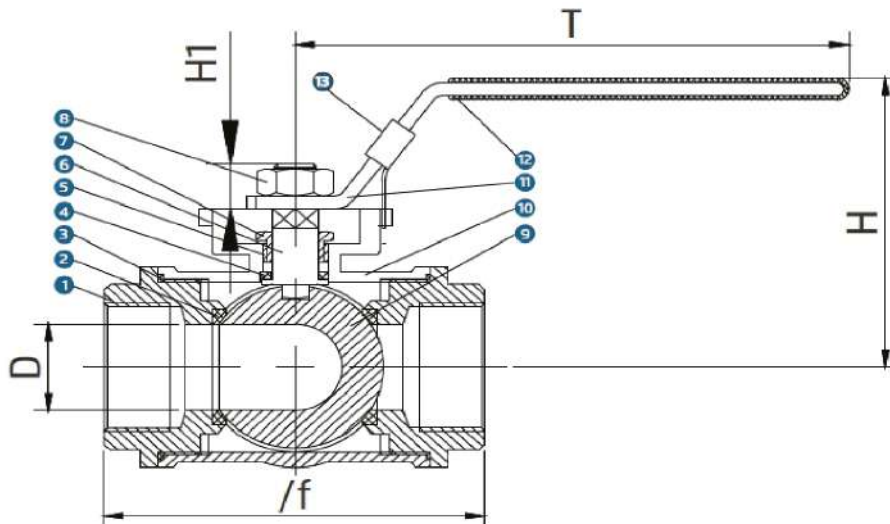


SPECIFICATIONS

Cover (1)	AISI304 / AISI316
Gasket (2-3)	PTFE
Washer (4)	PTFE
Packing (5)	PTFE
Shaft (6)	AISI304 / AISI316
Pressure Plug (7)	AISI201 / AISI304
Nut (8)	AISI201 / AISI304
Ball (9)	AISI304 / AISI316
Body (10)	AISI304 / AISI316
Handle (11)	AISI201 / AISI304
Sheath	PVC
Lock	AISI201 / AISI304
Operating Temperature	-30 °C / +120 °C
Pressure Class	PN63

DIMENSIONS

SIZE		L	L1	H	T	C
DN15	1/2"	75	55	65	131	9
DN20	3/4"	80	63	70	131	9
DN25	1"	90	72	83	167	11
DN32	1.1/4"	110	92	90	167	11
DN40	1.1/2"	120	100	115	193	14
DN50	2"	140	119	121	193	14



Pneumatic Piston Valve, Flanged

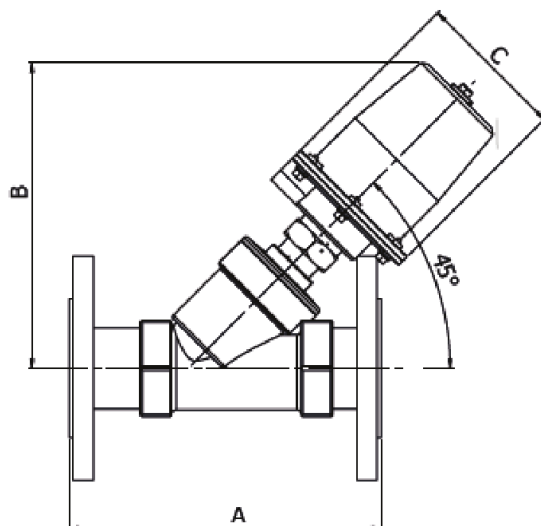


SPECIFICATIONS

Head	AISI304
Valve	AISI304 / AISI316
Gasket	PTFE
Operating Temperature	-20 °C / +180 °C
Pressure Class	PN16

DIMENSIONS

SIZE		L	C	f	D	D1	D2	H	A	B	N-ød	Head
DN15	1/2"	130	11	2	95	65	40	145	185	62	4-ø14	ø50
DN20	3/4"	130	11,5	2	105	75	50	155	188	62	4-ø14	ø50
DN25	1"	140	13,3	2	115	85	60	165	208	62	4-ø14	ø50/63
DN32	1.1/4"	150	13	2	135	100	70	195	225	76	4-ø18	ø63
DN40	1.1/2"	180	14	2	145	110	80	205	240	76	4-ø18	ø63/80
DN50	2"	195	15	2	150	125	92	228	265	76	4-ø18	ø63/80
DN65	2.1/2"	230	18	2	185	145	115	264	290	96	4-ø18	ø80/100
DN80	3"	245	18	2	195	160	130	300	330	114	8-ø18	ø100
DN100	4"	245	18	2	215	180	150	320	350	114	8-ø18	ø100



Pneumatic Piston Valve, Threaded

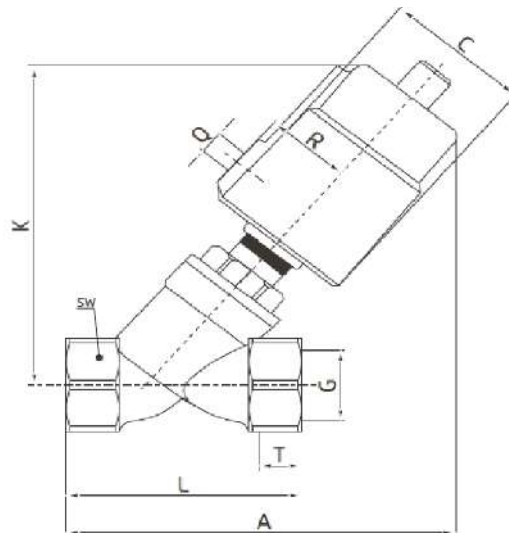


SPECIFICATIONS

Actuator (1)	AISI304
Valve (2)	AISI316
Gasket (3)	PPL
Operating Temperature	-20 °C / +180 °C
Pressure Class	4-7 Bar

DIMENSIONS

SIZE	Actuator	Q	C	R	K	G	T	A	L	SW
DN15	50	1/8	60	33	125	1/2"	15	135	68	27
DN20	50	1/8	60	33	132	3/4"	16	140	75	32
DN25	63	1/8	75	41	162	1"	17	172	90	40
DN32	63	1/8	75	41	174	1.1/4"	21	190	116	50
DN40	63	1/8	75	41	175	1.1/2"	21	190	116	58
DN50	90	1/8	106	55	232	2"	22	250	138	69



Gate Valve

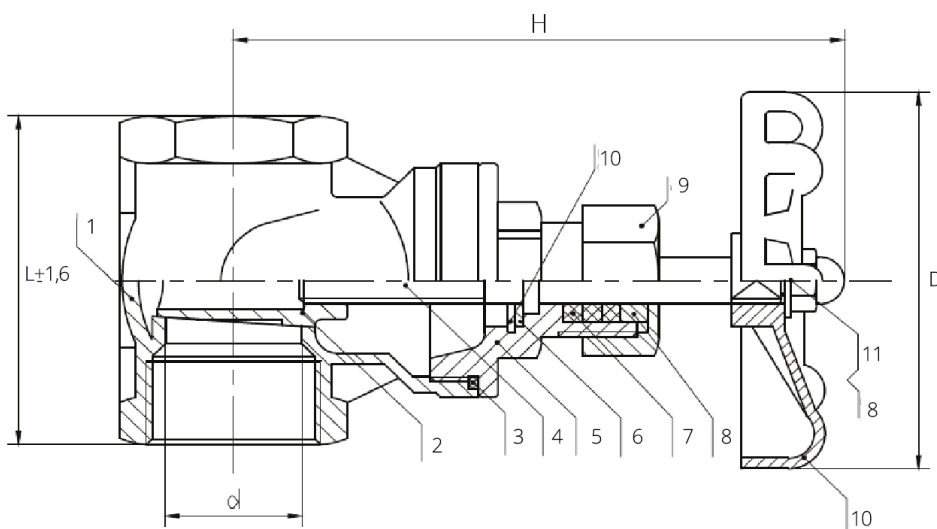


SPECIFICATIONS

Body (1)	AISI304 / AISI316
Disc (2)	AISI304 / AISI316
Ring (3)	PTFE
Shaft (4)	AISI304 / AISI316
Cover (5)	AISI304 / AISI316
Gasket (6)	PTFE
Packing (7)	PTFE
Glan (8)	AISI304
Nut (9-12)	AISI304
Handwheel (10)	HT200
Washer (11-13)	AISI304
Operating Temperature	-30 °C / +120 °C
Pressure Class	200 PSI

DIMENSIONS

SIZE		Ød	L	H
DN15	1/2"	14,5	54	95
DN20	3/4"	19	60	105
DN25	1"	24	63	115
DN32	1.1/4"	30	71	130
DN40	1.1/2"	38	78	145
DN50	2"	48	88	160



Needle Valve, Threaded

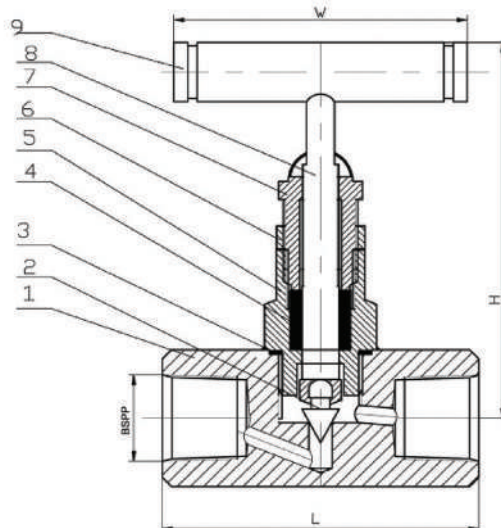


SPECIFICATIONS

Body (1)	AISI304 / AISI316
Bearing (2)	AISI304 / AISI316
Gasket (3)	PTFE
Packing (4)	PTFE
Cover (5)	AISI304 / AISI316
Nut (6)	AISI304
Pressure Plug (7)	AISI304 / AISI316
Shaft (8)	AISI304 / AISI316
Handwheel (9)	Alüminyum / AISI304
Operating Temperature	-30 °C / +250 °C
Pressure Class	PN40 / 6000 PSI

DIMENSIONS

SIZE		L	H	W
DN6	1/4"	54	75	58
DN10	3/8"	54	75	58
DN15	1/2"	57	75	58
DN20	3/4"	62	77	58
DN25	1"	68	77	58





III. ACTUATED VALVES

— Pneumatic Actuator	— Lug Type Viton Gasket Butterfly Valve with Electric Actuator
— Electric Actuator	— 2 Piece Threaded Ball Valve with Pneumatic Actuator
— Wafer Type EPDM Gasket Butterfly Valve with Pneumatic Actuator	— 2 Piece Threaded Ball Valve with Electric Actuator
— Wafer Type EPDM Gasket Butterfly Valve with Electric Actuator	— 3 Piece Threaded Ball Valve with Pneumatic Actuator
— Wafer Type Butterfly Valve Teflon Gasket with Pneumatic Actuator	— 3 Piece Threaded Ball Valve with Electric Actuator
— Wafer Type Teflon Gasket Butterfly Valve with Electric Actuator	— 3 Way Threaded Ball Valve T Port with Pneumatic Actuator
— Wafer Type Viton Gasket Butterfly Valve with Pneumatic Actuator	— 3 Way Threaded Ball Valve T Port with Electric Actuator
— Wafer Type Viton Gasket Butterfly Valve with Electric Actuator	— 3 Way Threaded Ball Valve L Port with Pneumatic Actuator
— Lug Type EPDM Gasket Butterfly Valve with Pneumatic Actuator	— 3 Way Threaded Ball Valve L Port with Electric Actuator
— Lug Type Butterfly Valve EPDM Gasket with Electric Actuator	— 2-Piece Flanged Ball Valve with Pneumatic Actuator
— Lug Type Butterfly Valve Teflon Gasket with Pneumatic Actuator	— 2-Piece Flanged Ball Valve with Electric Actuator
— Lug Type Butterfly Valve Teflon Gasket with Electric Actuator	— 3 Piece Flanged Ball Valve with Pneumatic Actuator
— Lug Type Viton Gasket Butterfly Valve with Pneumatic Actuator	— 3 Piece Flanged Ball Valve with Electric Actuator

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tegravalf

Pneumatic Actuator



Product Details	
Specifications	Single acting, Double acting
Application	Ball valve, Butterfly Valve, on-off / proportional control
Supply Pressure	4-8 bar
Body	Aluminium extrusion
Cover and Pistons	Aluminium
Valve Connection	According to ISO 5211 standards
Stroke Adjustment	Performed via double-acting actuator
Accessories	Switch box, positioner, namur valve

Torque Rating (Nm)										
40 Nm	52 Nm	63 Nm	75 Nm	83 Nm	92 Nm	105 Nm	125 Nm	140 Nm	160 Nm	190 Nm

Electric Actuator



Product Details	
Body Protection Class	IP67, IP68
Body Material	Aluminium
Body Coating	Electrostatic Powder Coating
Electrical Supply	24V DC, 220V AC
Position Indicator	Continuous, Open/Closed Type
Internal Heater	7-10 W
Cable Fitting Size	M20x1,5

Torque Rating (Nm)			
50 Nm	100 Nm	200 Nm	400 Nm

Actuated Butterfly Valves

Wafer Type EPDM Gasket Butterfly Valve with Pneumatic Actuator	
Product Details	
Valve	Wafer Type, EPDM Gasket, PN10/16, Klepe 304/316
Actuator	Pneumatic Actuated, Double Acting / Single Acting
Dimensions	DN40 - DN300



Wafer Type EPDM Seal Butterfly Valve Electric Actuator	
Product Details	
Valve	Wafer Type, EPDM Gasket, PN10/16, Disc 304/316
Actuator	Electric Actuated, 24V / 220V
Dimensions	DN40 - DN300

Wafer Type Teflon Gasket Butterfly Valve with Pneumatic Actuator	
Product Details	
Valve	Wafer Type, Teflon Gasket, PN10/16, Disc 304/316
Actuator	Pneumatic Actuated, Double Acting / Single Acting
Dimensions	DN40 - DN300

Wafer Type Teflon Gasket Butterfly Valve with Electric Actuated	
Product Details	
Valve	Wafer Type, Teflon Gasket, PN10/16, Disc 304/316
Actuator	Electric Actuated, 24V / 220V
Dimensions	DN40 - DN300

Actuated Butterfly Valves

Wafer Type Viton Gasket Butterfly Valve with Pneumatic Actuator

Product Details

Valve	Wafer Type, Viton Gasket, PN10/16, Disc 304/316
Actuator	Pneumatic Actuated, Double Acting / Single Acting
Dimensions	DN40 - DN300

Wafer Type Viton Gasket Butterfly Valve with Electric Actuator

Product Details

Valve	Wafer Type, Viton Gasket, PN10/16, Disc 304/316
Actuator	Electric Actuated, 24V / 220V
Dimensions	DN40 - DN300

Lug Type EPDM Gasket Butterfly Valve with Pneumatic Actuator

Product Details

Valve	Lug Type, EPDM Gasket, PN10/16, Disc 304/316
Actuator	Pneumatic Actuated, Double Acting / Single Acting
Dimensions	DN40 - DN300

Lug Type EPDM Gasketed Butterfly Valve with Electric Actuator

Product Details

Valve	Lug Type, EPDM Gasket, PN10/16, Disc 304/316
Actuator	Electric Actuated, 24V / 220V
Dimensions	DN40 - DN300



Actuated Butterfly Valves

Lug Type Teflon Gasket Butterfly Valve with Pneumatic Actuator

Product Details	
Valve	Lug Type, Teflon Gasket, PN10/16, Disc 304/316
Actuator	Pneumatic Actuated, Double Acting / Single Acting
Dimensions	DN40 - DN300



Lug Type Teflon Gasket Butterfly Valve with Electric Actuator

Product Details	
Valve	Lug Type, Teflon Gasket, PN10/16, Disc 304/316
Actuator	Electric Actuated, 24V / 220V
Dimensions	DN40 - DN300



Lug Type Viton Gasket Butterfly Valve with Pneumatic Actuator

Product Details	
Valve	Lug Type, Viton Gasket, PN10/16, Disc 304/316
Actuator	Pneumatic Actuated, Double Acting / Single Acting
Dimensions	DN40 - DN300



Lug Type Viton Gasket Butterfly Valve with Electric Actuator

Product Details	
Valve	Lug Type, Viton Gasket, PN10/16, Disc 304/316
Actuator	Electric Actuated, 24V / 220V
Dimensions	DN40 - DN300



Actuated Ball Valves

2 Piece Threaded Ball Valve with Pneumatic Actuator

Product Details	
Valve	2-Piece, Threaded, PN16, AISI304 / AISI316
Actuator	Pneumatic Actuated, Double Acting / Single Acting
Dimensions	1/2" - 4"



2 Piece Threaded Ball Valve with Electric Actuator

Product Details	
Valve	2-Piece, Threaded, PN16, AISI304 / AISI316
Actuator	Electric Actuated, 24V / 220V
Dimensions	1/2" - 4"



3 Piece Threaded Ball Valve with Pneumatic Actuator

Product Details	
Valve	3-Piece, Threaded, PN63, AISI304/ AISI316
Actuator	Pneumatic Actuated, Double Acting / Single Acting
Dimensions	1/2" - 4"



3 Piece Threaded Ball Valve with Electric Actuator

Product Details	
Valve	3-Piece, Threaded, PN63, AISI304 / AISI316
Actuator	Electric Actuated, 24V / 220V
Dimensions	1/2" - 4"



Actuated Ball Valves

3 Threaded Ball Valve - T Port with Pneumatic Actuator

Product Details

Valve	3 Threaded, PN63, AISI304 / AISI316
Actuator	Pneumatic Actuated, Double Acting / Single Acting
Dimensions	1/2" - 4"



3 Threaded Ball Valve - T Port with Electric Actuator

Product Details

Valve	3 Threaded, PN63, AISI304 / AISI316
Actuator	Electric Actuated, 24V / 220V
Dimensions	1/2" - 4"



3 Threaded Ball Valve - L Port with Pneumatic Actuator

Product Details

Valve	3 Threaded, PN63, AISI304 / AISI316
Actuator	Pneumatic Actuated, Double Acting / Single Acting
Dimensions	1/2" - 4"



3 Threaded Ball Valve - L Port with Electric Actuator

Product Details

Valve	3 Threaded, PN63, AISI304 / AISI316
Actuator	Electric Actuated, 24V / 220V
Dimensions	1/2" - 4"



Actuated Ball Valves

2 Piece Flanged Ball Valve with Pneumatic Actuator

Product Details	
Valve	2 Parted, Flanged, PN16, AISI304 / AISI316
Actuator	Pneumatic Actuated, Double Acting / Single Acting
Dimensions	DN15 - DN250



2 Piece Flanged Ball Valve with Electric Actuator

Product Details	
Valve	2 Partial, Flanged, PN16, AISI304 / AISI316
Actuator	Electric Actuated, 24V / 220V
Dimensions	DN15 - DN250



3 Piece Flanged Ball Valve with Pneumatic Actuator

Product Details	
Valve	3 Partial, Flanged, PN40, AISI304 / AISI316
Actuator	Pneumatic Actuated, Double acting / Single acting
Dimensions	DN15 - DN250



3 Piece Flanged Ball Valve with Electric Actuator

Product Details	
Valve	3 Fragmented, Flanged, PN40, AISI304 / AISI316
Actuator	Electric Actuated, 24V / 220V
Dimensions	DN15 - DN250





IV. CHECK VALVE / DIRT TRAP

- Vertical Check Valve
- Chalpara Check Valve
- Y Type Threaded Check Valve
- Disco Check Valve
- Wafer Snap Check Valve
- Double Flap Check Valve
- Y Type Strainer
- Y Type Flanged Strainer

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Vertical Check Valve

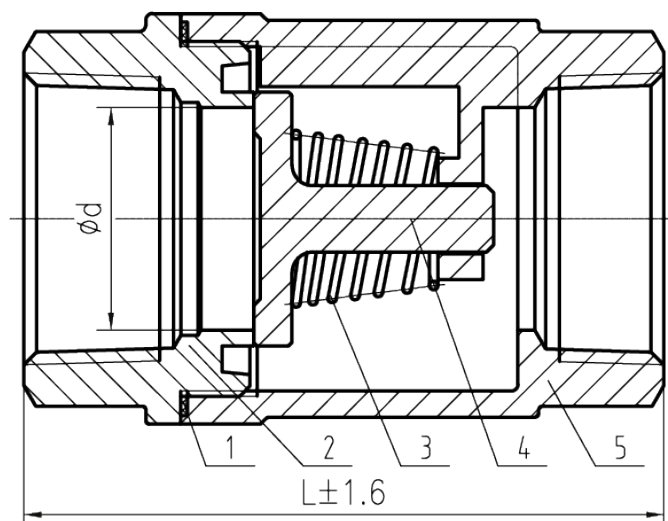


SPECIFICATIONS

Body (1)	AISI304 / AISI316
Gasket Ring (2)	PTFE
Cover (3)	AISI304 / AISI316
Spring (4)	AISI304
Disc (5)	AISI304 / AISI316
Operating Temperature	-20 °C / +120 °C
Pressure Class	PN40

DIMENSIONS

SIZE		D	L
DN15	1/2"	15	58
DN20	3/4"	20	62
DN25	1"	25	76
DN32	1.1/4"	32	87
DN40	1.1/2"	40	102
DN50	2"	50	113



Swing Check Valve

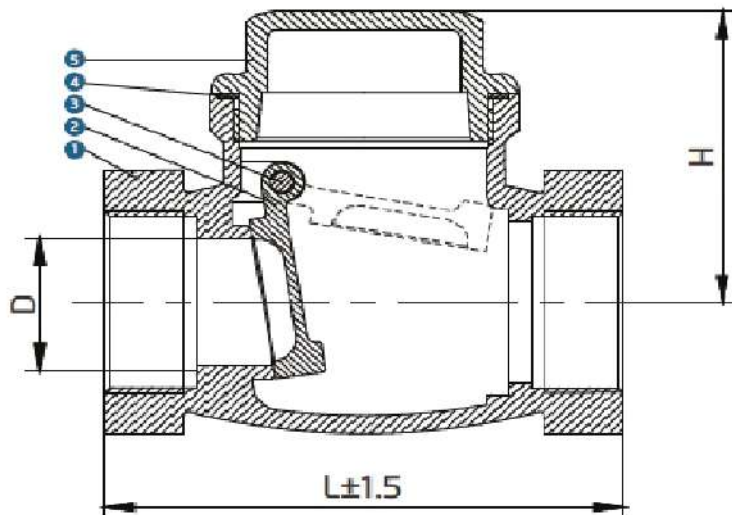


SPECIFICATIONS

Body (1)	AISI304 / AISI316
Disc (2)	AISI304 / AISI316
Hanger Pin (3)	AISI304 / AISI316
Gasket (4)	PTFE
Cover (5)	AISI304 / AISI316
Operating Temperature	-20 °C / +120 °C
Pressure Class	PN40

DIMENSIONS

SIZE		D	L	H
DN15	1/2"	15,5	82	43
DN20	3/4"	20	75	45
DN25	1"	23,5	84	49
DN32	1.1/4"	30	100	58
DN40	1.1/2"	37	115	64
DN50	2"	48	134	71
DN65	2.1/2"	64	164	91
DN80	3"	74,5	190	103
DN100	4"	96	237	138



Y Type Threaded Check Valve

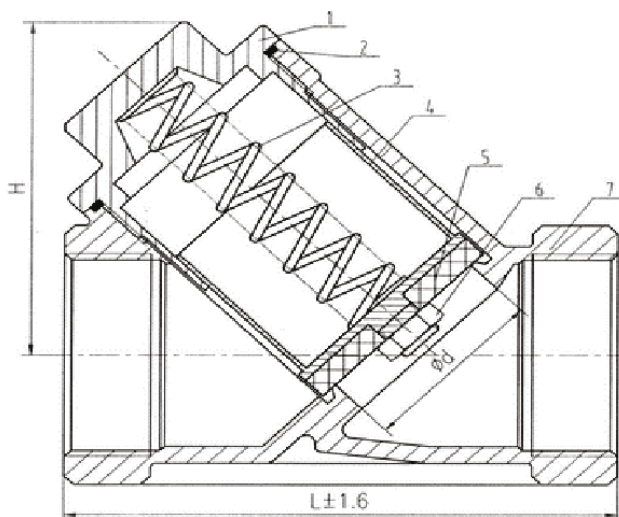


SPECIFICATIONS

Cover (1)	AISI304 / AISI316
Gasket (2)	PTFE
Spring (3)	AISI304
Interior Parts (4)	AISI304 / AISI316
Seat (5)	PTFE
Body (6)	AISI304 / AISI316
Operating Temperature	-20 °C / +120 °C
Pressure Class	PN40

DIMENSIONS

SIZE		D	L	H
DN15	1/2"	15	64,5	48
DN20	3/4"	20	79,5	55
DN25	1"	25	88	65
DN32	1.1/4"	32	104	75
DN40	1.1/2"	40	117,5	80
DN50	2"	49	134	95

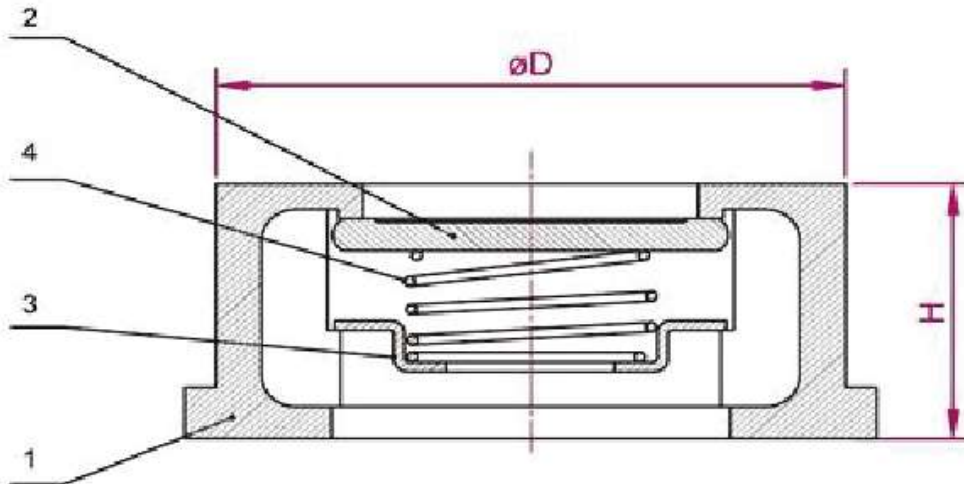


Disco Check Valve



SPECIFICATIONS	
Body (1)	AISI304 / AISI316
Disc (2)	AISI304 / AISI316
Spring Plate (3)	AISI304 / AISI316
Spring (4)	AISI304
Operating Temperature	-20 °C / +120 °C
Pressure Class	PN40

DIMENSIONS			
SIZE		H	ØD
DN15	1/2"	16	40
DN20	3/4"	19	47
DN25	1"	22	56
DN32	1.1/4"	28	72
DN40	1.1/2"	31	86
DN50	2"	40	100
DN65	2.1/2"	46	121
DN80	3"	50	137
DN100	4"	60	157
DN125	5"	80	180
DN150	6"	95	205
DN200	8"	110	270



Wafer Swing Check Valve

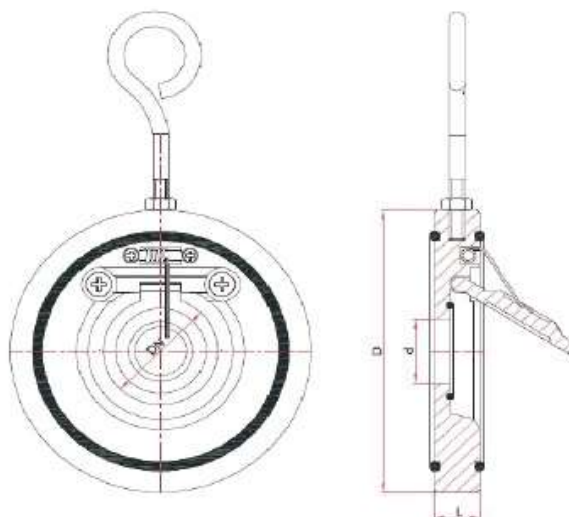


SPECIFICATIONS

Body (1)	AISI304 / AISI316
Disc (2)	AISI304 / AISI316
Spring (3)	SS
Gasket (4)	Viton
Operating Temperature	-20 °C / +200 °C
Pressure Class	PN40

DIMENSIONS

SIZE	D	d	L
DN50	109	32	14
DN65	129	40	14
DN80	144	54	14
DN100	164	70	18
DN125	195	92	18
DN150	220	112	20
DN200	275	154	22
DN250	330	192	26
DN300	380	227	32



Dual Flap Check Valve

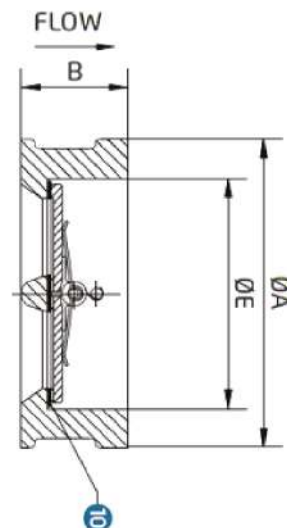
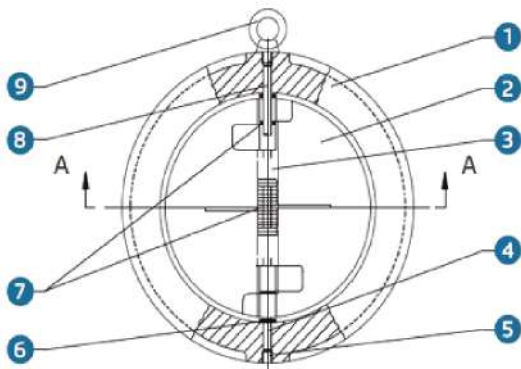


SPECIFICATIONS

Body (1)	GG25
Disc (2)	AISI304
Spring (3)	AISI304
Hanger Pin (4)	AISI416
Plug (5)	GG25
Body Seat (6)	PTFE
Spring Seat (7)	PTFE
Ring Bolt (8)	WCB
Operating Temperature	-15 °C / +80 °C
Pressure Class	PN16

DIMENSIONS

SIZE		B	E	A
DN50	2"	43	65	101
DN65	2.1/2"	48	80	121
DN80	3"	64	94	131
DN100	4"	64	117	156
DN125	5"	70	145	187
DN150	6"	76	170	213
DN200	8"	89	224	267
DN250	10"	114	265	327
DN300	12"	114	310	375



Y Type Strainer

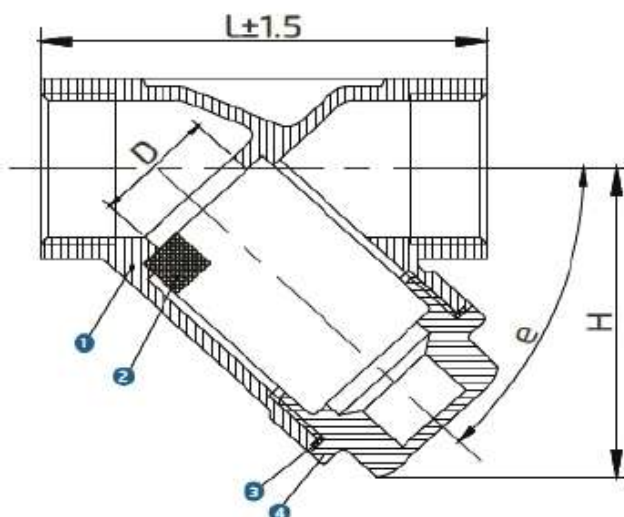


SPECIFICATIONS

Body (1)	AISI304 / AISI316
Filter (2)	AISI304 / AISI316
Gasket (3)	PTFE
Cover (4)	AISI304 / AISI316
Operating Temperature	-20 °C / +120 °C
Pressure Class	PN40

DIMENSIONS

SIZE		D	L	H
DN15	1/2"	15	59	45
DN20	3/4"	20	73	60
DN25	1"	25	84	63
DN32	1.1/4"	32	97	80
DN40	1.1/2"	40	106	88
DN50	2"	50	127	109



Y Type Flanged Strainer

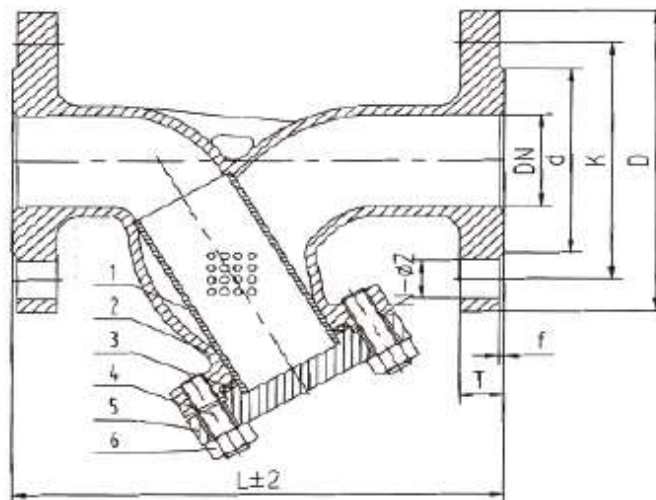


SPECIFICATIONS

Body (1)	AISI304 / AISI316
Filter (2)	AISI304 / AISI316
Gasket (3)	PTFE
Cover (4)	AISI304 / AISI316
Bolt (5)	AISI304 / AISI316
Plug (6)	AISI304 / AISI316
Operating Temperature	-20 °C / +120 °C
Pressure Class	PN40

DIMENSIONS

SIZE	L	ØD	ØDN	K	d	T	f	N-ØZ
DN25	160	115	25	85	65	14	2	14x4
DN32	180	135	32	100	78	16	2	18x4
DN40	200	150	40	110	85	16	2	18x4
DN50	220	165	50	125	100	18	3	18x4
DN65	250	185	65	145	120	18	3	18x4
DN80	280	200	80	160	135	20	3	18x8
DN100	310	220	100	180	155	22	3	18x8
DN125	340	250	125	210	185	22	3	18x8
DN150	390	285	150	240	210	24	3	23x8
DN200	490	340	200	295	265	26	3	23x12





VI. AUXILIARY ACCESSORIES

- Pneumatic Positioner
- Namur Valve
- Switch Box
- Gear Box
- Butterfly Valve Handle
- Square Star
- Butterfly Valve Gasket Spares

tegra



tegravalf

Auxiliary Accessories

Pneumatic Positioner	
Product Details	
Body	Aluminium
Indicator	Digital
Protection Class	IP66
Position	4-20 mA
Application	Proportional Controlled
Feature	Electro-Pneumatic, Rotary Type, Ex Proof Feedback



Namur Valve	
Product Details	
Application Areas	Pneumatic actuator control
Coil Voltage	230/220 V AC, 110V, 24V, 12V AC, 24V, 12V DC
Protection Class	IP 65
On-Off Time	max 30 mS
Voltage Tolerance	+/- %10
Measure Number of Roads	G (BSP) 1/4" - 5/2
Operating Pressure	0,5 / 10 Bar
Ambient Temperature	-5°C / 60°C
Lubrication	Not required
Fluid	Air, Inert gas
Model Number	Single coil NM52W1S



Auxiliary Accessories

Switch Box - Mechanics

Product Details

Body	Aluminium
Connection Components	Carbon Steel / SS304
Switch Feature	5A 250V AC (standard)
	16A 125V AC/250V AC Omron, Honeywell etc.
	0,6A 125V DC Standart, Omron, Honeywell
	10A 30V DC Standart, Omron, Honeywell
Ambient Temperature	-20 / +80 °C
Protection Class	IP67
Cable Entry	1 or 2 pieces
	G1/2", NPT 1/2", M20



Switch Box - Exproof

Product Details

Body	Aluminium / SS316
Connection Components	Carbon Steel / SS304
Switch Feature	≤ 150 mA 24V DC - Standard
	≤ 150 mA 30V DC Pepperl + Fuchs NBB3
Ambient Temperature	-40 / +80 °C
Protection Class	IP66
Cable Entry	2 or 4 pieces
	G3/4", NPT 1/2"-3/4", M20



Switch Box - Exproof Proximity

Product Details

Body	Aluminium / SS316
Connection Components	Carbon Steel / SS304
Switch Feature	≤ 150 mA 24V DC - Standard
	≤ 150 mA 30V DC Pepperl + Fuchs NBB3
Ambient Temperature	-40 / +80 °C
Protection Class	IP66
Cable Entry	2 or 4 pieces
	G3/4", NPT 1/2"-3/4", M20



Auxiliary Accessories

Gear Box

Size

24*1

30*1

50*1

80*1



Butterfly Valve Handle

Size

Small

Medium

Large



Square Star

Size

11*9

14*9

14*11

17*11

17*14

22*14

22*17

27*22

36*27



Gasket Types

EPDM Gasket Types

Size

DN40
DN50
DN65
DN80
DN100
DN125
DN150
DN200
DN250
DN300



Teflon Gasket Types

Size

DN40
DN50
DN65
DN80
DN100
DN125
DN150
DN200
DN250
DN300



Viton Gasket Types

Size

DN40
DN50
DN65
DN80
DN100
DN125
DN150
DN200
DN250
DN300





V. EXPANSION JOINTS

- Metal Bellows Axial Expansion Joint
- Rubber Expansion Joint, Short Type, Casting Flanged



Metal Bellows Axial Expansion Joint

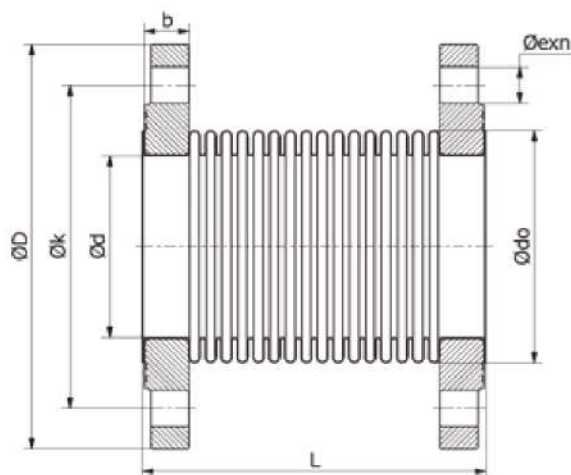


SPECIFICATIONS

Axial Operating Tolerance	-20 /+10 (30 mm) -30 /+15 (45 mm) -40 /+20 (60 mm)
Flange	AISI304 / 321
Bellows	AISI304
Operating Temperature	427 °C
Operating Pressure	16 bar / 2,5 bar

DIMENSIONS

SIZE	L- Height			Connection Dimensions					
	Expansion 30 mm	Expansion 45 mm	Expansion 60 mm	Ød	ØD	Øk	n	Øexn	b
DN25	110			43	115	85	4	14	18
DN32	110			43	140	100	4	18	18
DN40	120	150		49	150	110	4	18	18
DN50	120	150	180	61	165	125	4	18	18
DN65	120	150	180	77	185	145	4	18	18
DN80	120	150	180	89	200	160	8	18	20
DN100	120	150	185	115	220	180	8	18	20
DN125	125	155	190	140	250	210	8	18	22
DN150	130	155	200	169	285	240	8	22	22
DN200	150	230	230	220	340	295	12	22	24



Rubber Expansion Joint, Short Type, Casting Flanged

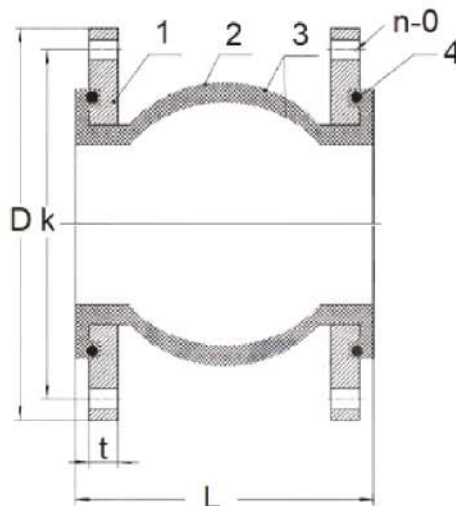


SPECIFICATIONS

Connection (1)	Ductile Iron
Body (2)	EPDM
Fabric (3)	Cord Fabric
Segment (4)	Hardened Steel
Operating Temperature	120 °C
Pressure Class	PN16

DIMENSIONS

SIZE		L	D	k	t	nxM
DN25	1"	100	110	85	12	4x17
DN32	2.1/4"	100	135	100	13,5	4x18
DN40	2.1/2"	100	144	110	14,5	4x18
DN50	2"	100	159	125	14,5	4x18
DN65	2.1/2"	100	179	145	15	4x18
DN80	3"	100	194	160	17	4x18
DN100	4"	100	214	180	18	4x18
DN125	5"	120	244	210	20	4x18
DN150	6"	120	279	240	21	8x22
DN200	8"	120	334	295	22	12x22
DN250	10"	130	404	355	25	12x26
DN300	12"	130	459	410	25	12x26



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📍 Saęlık District
Soęuksu Street No 1/A1
Ergene/Tekirdaę
Tegra Valf End. Ürünler A.Ş.

☎ +90 282 686 11 71
+90 532 301 78 59
🌐 www.tegravalf.com.tr
✉ satis@tegravalf.com.tr