

JTD

S E R I E S

E Type

Semiconductor Butterfly Valve



JTD-E

High Performance Butterfly Valves

JTD-E Series is an eccentric butterfly valve, the centerline of the disc offsets from the valve body centerline, that reduces the friction between the seat and valve body to offer lower torque and longer seat life. It is designed to meet the needs of high-tech industries for applications such as clean dry air, nitrogen gas, vacuum, inert gases, purified CFOS (Clean For Oxygen Service) for oxygen service, etc.

Industrial fields

- Semiconductor
- Clean For Oxygen Service
- Hook Up
- Inert Bulk Gas Distribution
- CDA / OFA Systems
- Utility Nitrogen Systems
- Bulk Chemical Delivery
- Process Vacuum Exhaust
- Point-of-Use Isolation

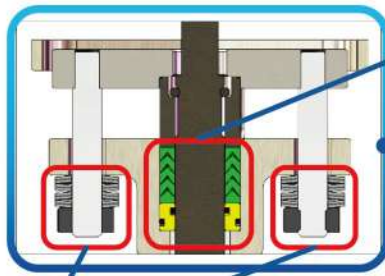
Application Standards

- **Body Material**
Stainless Steel (Other materials are available on request.)
- **Nominal Size**
2-1/2" to 24" (65A to 600A)
- **Pressure Rating**
ASME CLASS 150 / JIS 10K
- **End Connection**
Wafer / Lug
- **Temperature Range**
-20°F~+392°F (-29°C~+200°C)
- **Flanged Dimensions**
JIS B2003 / ASME B16.5
- **Face-To-Face Dimensions**
API609 (Category B) / JIS 2002 SERIES 46 & 47
- **Marking**
MSS SP-25
- **Casting**
MSS SP-55
- **ISO 5211 Mounting Pad**
- **Screw Thread**
JIS / ASME
- **Body Pressure**
API 598
- **Seat Leakage Test**
100% Leak tested.
- **Helium Leak Test Leak Rate**
 - 1-1/2" - 8" Valves leak tested to 1×10^{-7} scc / sec
 - 10" - 24" Valves Leak Tested to 1×10^{-8} scc / sec
 - Oil-free Treatment
- **Roughness Level**
 - AP: Ra 0.8 μ m
 - BA: Ra 0.4 μ m for 4" and below
Ra 0.5 μ m for 5" and above
 - EP: Ra 0.2 μ m
 - Average roughness can be customized according to project requirements.

High-Precision Cleaning Process



Design & Structure



VOC design:

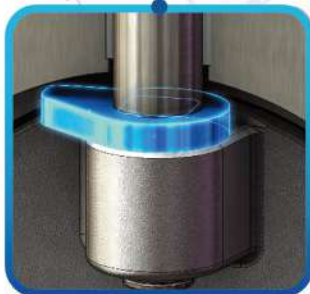
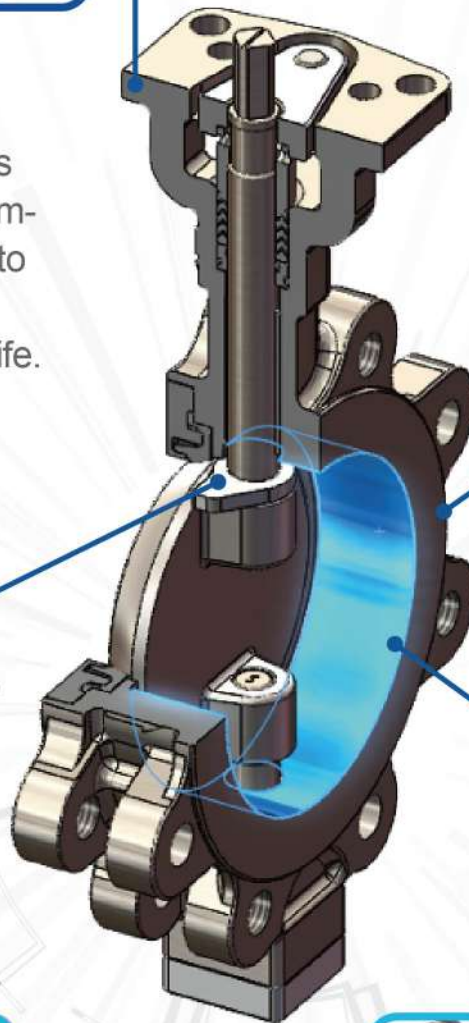
V-type packing and O-ring spacer structure, compliant with ISO 15848.

Live design:

Belleville springs continuously compress packings to offset wear and extend service life.



Purge Port(Option):
NPP / OPP



Patented Stopper



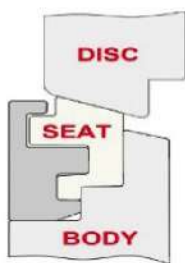
- Fully Machined Bore
- Polishing Process
- Oil-Free Grade
- Surface Treatment:
AP Ra0.8 / BA 0.4 / EP 0.2

Design & Structure

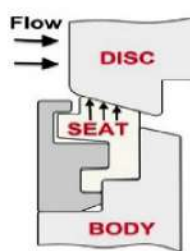


Seat Design

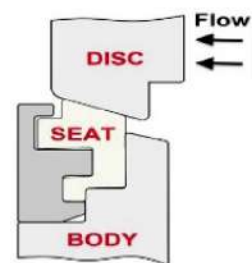
- The lip-type valve seat structure ensures that it can withstand temperature and pressure changes.
- No additional O-rings or packing are required to keep the plate and valve body sealed.
- Depending on the usage conditions, multiple valve seat materials can be selected to achieve sealing in both directions.



When the valve is shut, the disc slightly deflects the seat. So that the valve seat sealing surface on the disc.



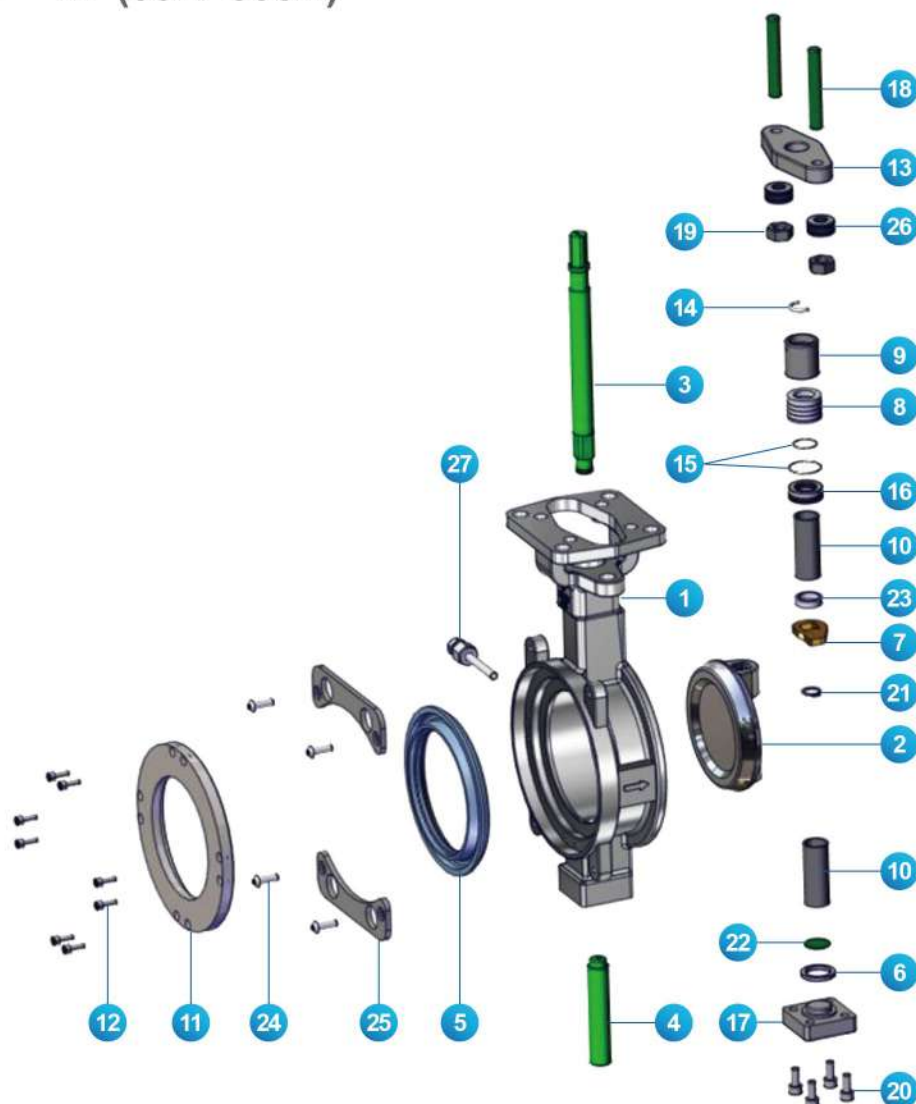
When pressure is on the insert side, pressure is applied under the disc. This further amplifies the sealing force between the disc and the seat.



When pressure is on the insert side, pressure is applied under the disc. This further amplifies the sealing force between the disc and the seat.

Wafer

2-1/2"~12"(65A~300A)

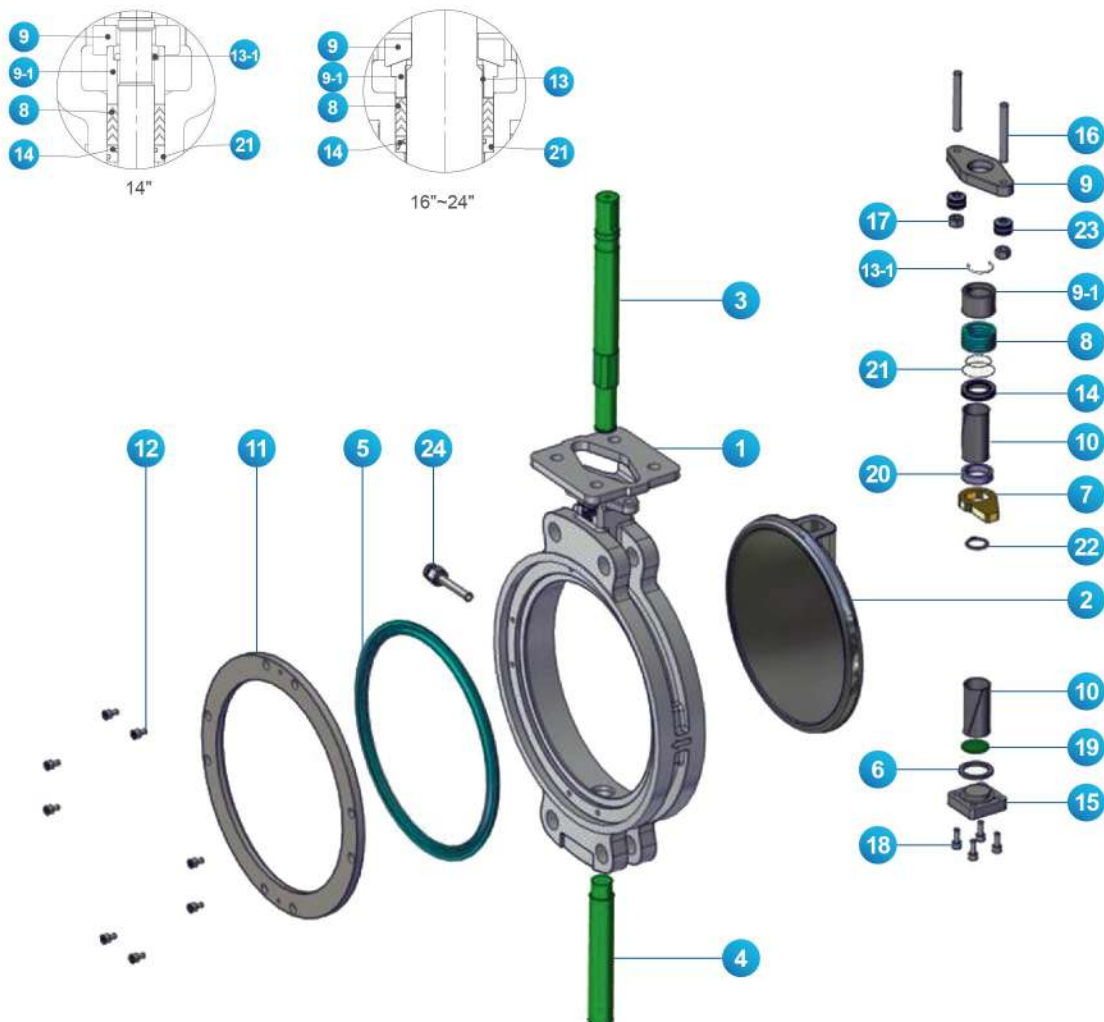


MATERIALS

NO	PART NAME	MATERIAL	NO	PART NAME	MATERIAL
1	BODY	SCS13A / CF8 SCS14A / CF8M	14	FIXING RING	INCONEL X-750
2	DISC	SCS13A / CF8 SCS14A / CF8M	15	O-RING	VITON
3	STEM	A564-630	16	PACKING SEAT	A479-316
4	SHAFT	A479-316	17	END COVER	SCS14A/CF8M
5	SEAT	RPTFE	18	GLAND BOLT	A193-B8
6	COVER GASKET	PTFE	19	GLAND NUT	A194-8
7	STOPPER	316SS	20	END COVER SCREW	A2-70
8	GLAND PACKING	PTFE	21	C-CLIP	STAINLESS STEEL
9	GLAND FOLLOWER	PTFE	22	SHAFT WASHER	PTFE
10	THRUST BEARING	PTFE	23	RING	316SS
11	BODY RETAINER	316SS	24	PLATE SCREW	A2-70
12	RETAINER SCREW	A2-70	25	POSITIONING PLATE	A240-304
13	GLAND FLANGE	SCS14A / CF8M	26	BELLEVILLE WASHER	A167-301
			27	PURGE PORT SET	316SS

Wafer

14"~24"(350A~600A)

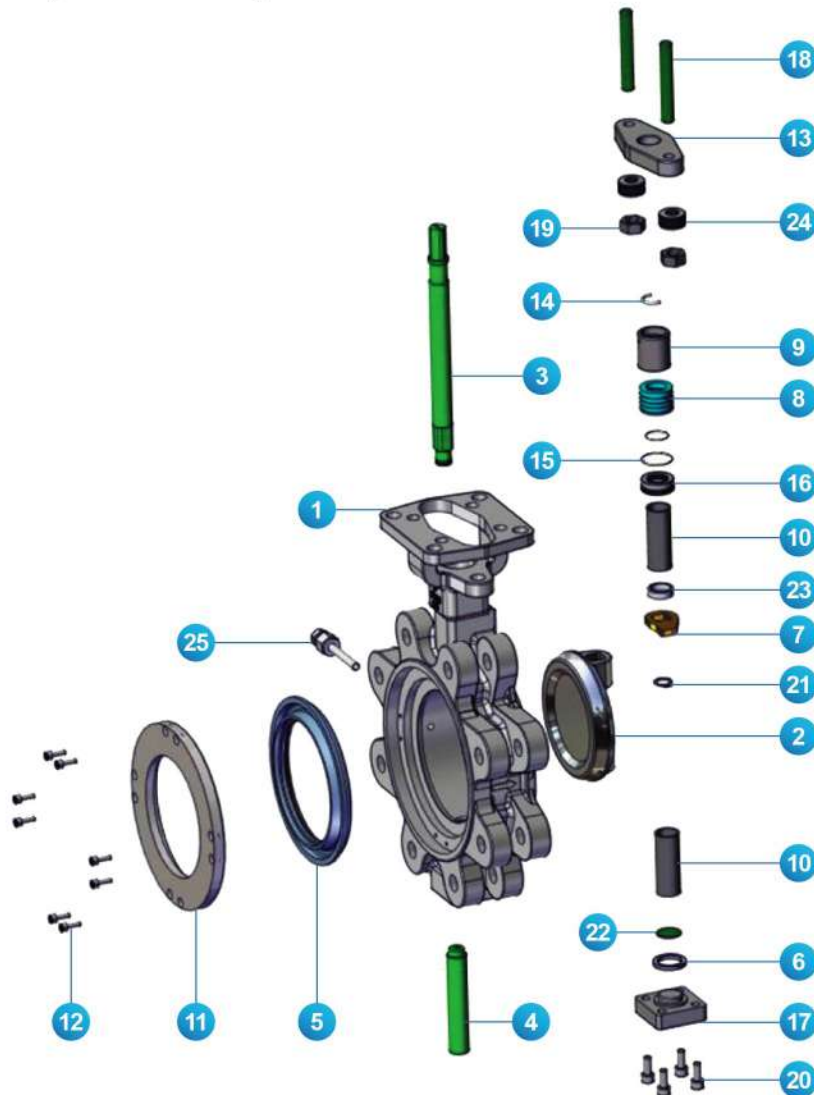


MATERIALS

NO	PART NAME	MATERIAL	NO	PART NAME	MATERIAL
1	BODY	SCS13A / CF8 SCS14A / CF8M	13-1	FIXING RING	INCONEL X-750
2	DISK	SCS13A / CF8 SCS14A / CF8M	14	PACKING SEAT	A479-316
3	STEM	A564-630	15	END COVER	SCS14A/CF8M
4	SHAFT	A479-316	16	GLAND BOLT	A193-B8
5	SEAT	RPTFE	17	GLAND NUT	A194-8
6	COVER GASKET	PTFE	18	END COVER SCREW	A2-70
7	STOPPER	316SS	19	SHAFT WASHER	PTFE
8	GLAND PACKING	PTFE	20	RING	316SS
9	GLAND FLANGE	SCS14A / CF8M	21	O-RING	VITON
9-1	GLAND FOLLOWER	A479-316	22	C-CLIP	STAINLESS STEEL
10	THRUST BEARING	PTFE	23	BELLEVILLE WASHER	A167-301
11	BODY RETAINER	316SS	24	PURGE PORT SET	316SS
12	RETAINER SCREW	A2-70			
13	GLAND BEARING	PTFE			

Lug

2-1/2"~12"(65A~300A)

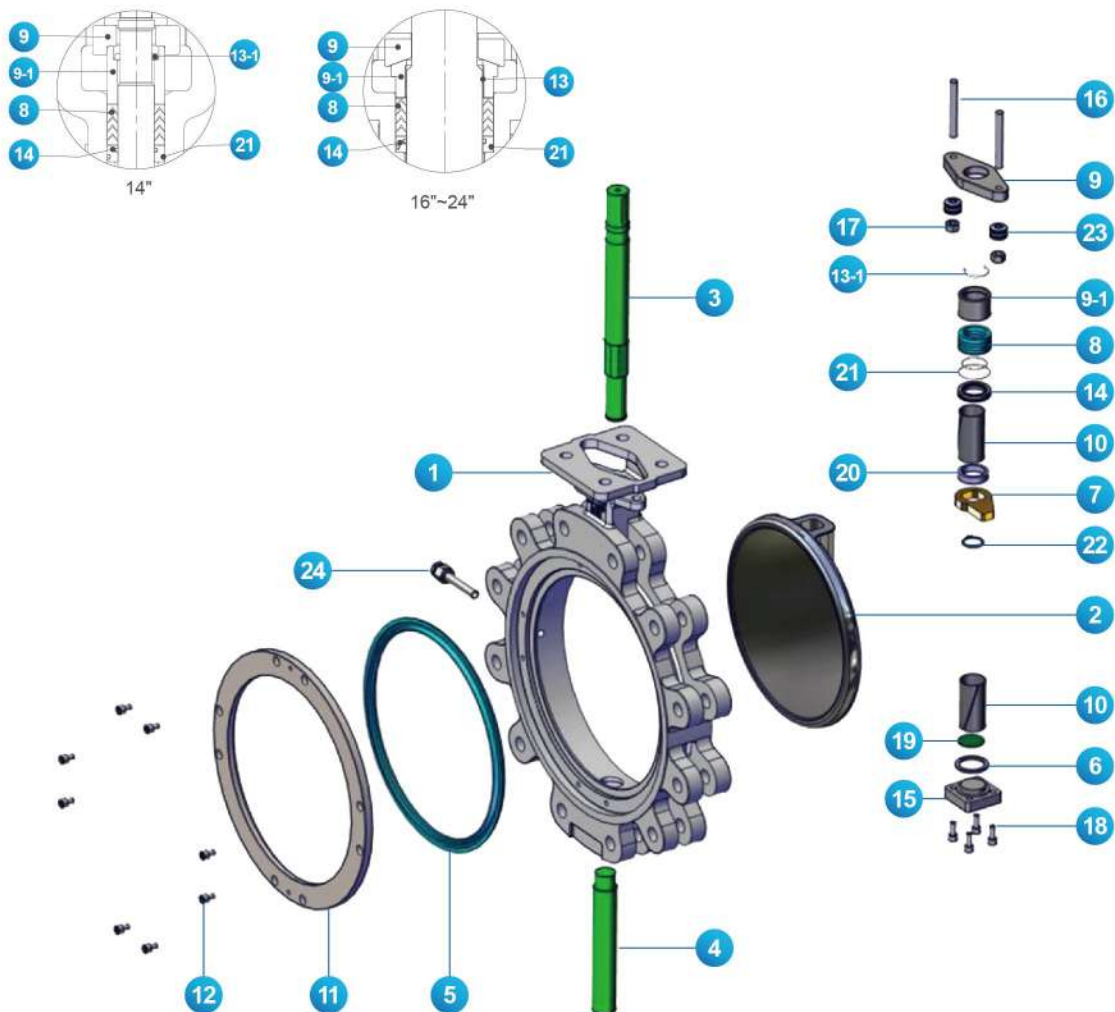


MATERIALS

NO	PART NAME	MATERIAL	NO	PART NAME	MATERIAL
1	BODY	SCS13A / CF8 SCS14A / CF8M	13	GLAND FLANGE	SCS14A / CF8M
2	DISC	SCS13A / CF8 SCS14A / CF8M	14	FIXING RING	INCONEL X-750
3	STEM	A564-630	15	O-RING	VITON
4	SHAFT	A479-316	16	PACKING SEAT	A479-316
5	SEAT	RPTFE	17	END COVER	SCS14A/CF8M
6	COVER GASKET	PTFE	18	GLAND BOLT	A193-B8
7	STOPPER	316SS	19	GLAND NUT	A194-8
8	GLAND PACKING	PTFE	20	END COVER SCREW	A2-70
9	GLAND FOLLOWER	PTFE	21	C-CLIP	STAINLESS STEEL
10	THRUST BEARING	PTFE	22	SHAFT WASHER	PTFE
11	BODY RETAINER	316SS	23	RING	316SS
12	RETAINER SCREW	A2-70	24	BELLEVILLE WASHER	A167-301
			25	PURGE PORT SET	316SS

Lug

14"~24"(350A~600A)

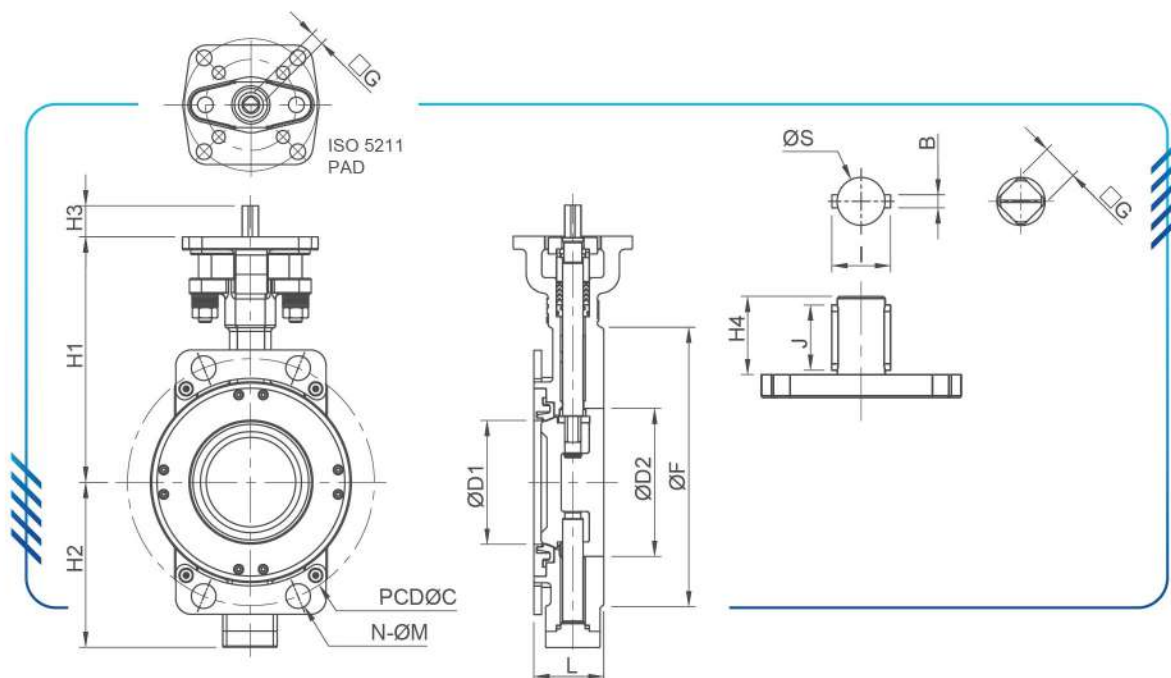


MATERIALS

NO	PART NAME	MATERIAL	NO	PART NAME	MATERIAL
1	BODY	SCS13A / CF8 SCS14A / CF8M	13-1	FIXING RING	INCONEL X-750
2	DISK	SCS13A / CF8 SCS14A / CF8M	14	PACKING SEAT	A479-316
3	STEM	A564-630	15	END COVER	SCS14A/CF8M
4	SHAFT	A479-316	16	GLAND BOLT	A193-B8
5	SEAT	RPTFE	17	GLAND NUT	A194-8
6	COVER GASKET	PTFE	18	END COVER SCREW	A2-70
7	STOPPER	316SS	19	SHAFT WASHER	PTFE
8	GLAND PACKING	PTFE	20	RING	316SS
9	GLAND FLANGE	SCS14A / CF8M	21	O-RING	VITON
9-1	GLAND FOLLOWER	A479-316	22	C-CLIP	STAINLESS STEEL
10	THRUST BEARING	PTFE	23	BELLEVILLE WASHER	A167-301
11	BODY RETAINER	316SS	24	PURGE PORT SET	316SS
12	RETAINER SCREW	A2-70			
13	GLAND BEARING	PTFE			

Wafer

2-1/2"~12"(65A~300A)



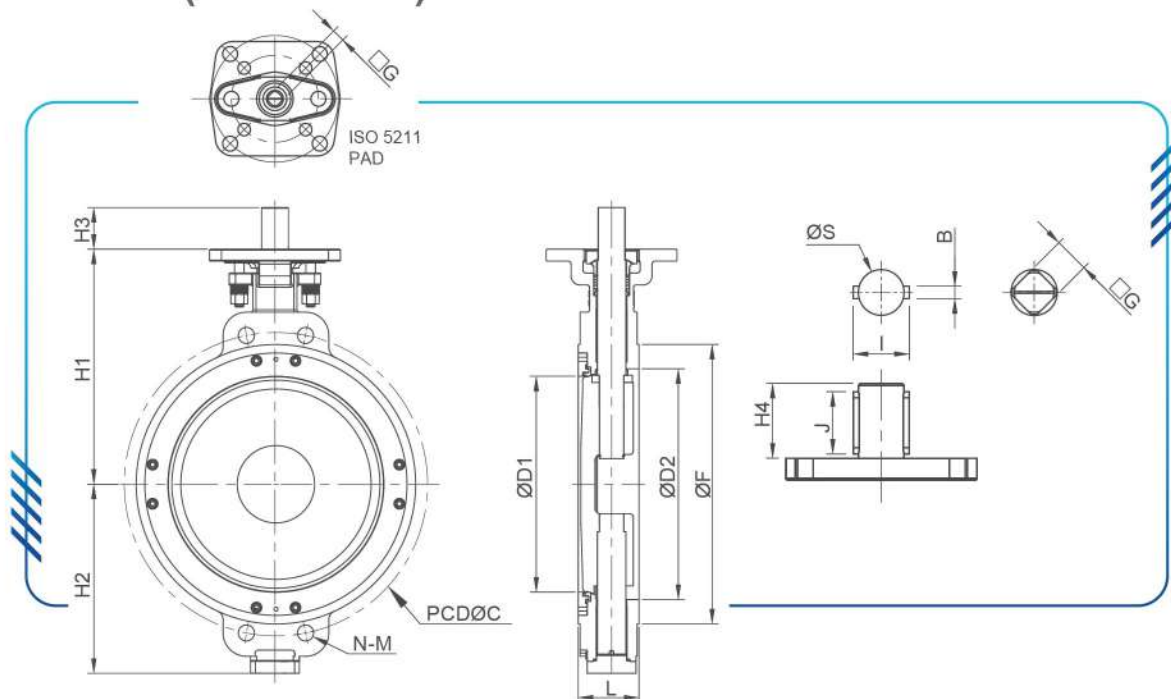
DIMENSIONS

(mm)

SIZE	L		D1	D2	10K				Class 150				H1	H2	H3	H4	B x I x J	□ G	ØS	ISO-5211	Wt (Kg)	
	10K	Class 150			F	C	N	ØM	F	C	N	ØM									10K	Class 150
65A 2-1/2"	46	48	59.0	74.6	116	140	4	Ø19	104.6	139.7	4	Ø19.1	158	109	24	30	5x18x25	11	14	F07/F10	4.5	4.5
80A 3"	46	48	73.1	88.9	126	150	4	Ø19	127.0	152.4	4	Ø19.1	168	116	24	30	5x18x25	11	14	F07/F10	4.9	4.9
100A 4"	52	54	95.6	114.3	151	175	4	Ø19	157.2	190.5	4	Ø19.1	190	127	24	30	5x18x25	11	14	F07/F10	6.7	6.7
125A 5"	56	56	111.4	130.0	182	210	4	Ø23	185.7	215.9	4	Ø22.3	203	132	24	30	5x18x25	11	14	F07/F10	8.5	8.5
150A 6"	56	57	141.5	158.8	212	240	4	Ø23	215.9	241.3	4	Ø22.3	208	157	28	36	6x23x30	14	18	F07/F10	9.9	9.9
200A 8"	60	64	188.0	209.6	262	290	4	Ø23	269.7	298.4	4	Ø22.3	235	188	30	36	6x27x30	17	22	F10/F12	15.6	16.3
250A 10"	68	71	235.9	254.0	324	355	4	Ø25	323.8	362.0	4	Ø25.4	295	221	36	36	8x34x30	22	28	F12/F14	25.1	25.8
300A 12"	78	81	281.5	304.8	368	400	4	Ø25	381.0	431.8	4	Ø25.4	325	261	40	40	10x38x35	27	33	F14/F16	34.5	35.9

Wafer

14"~24"(350A~600A)



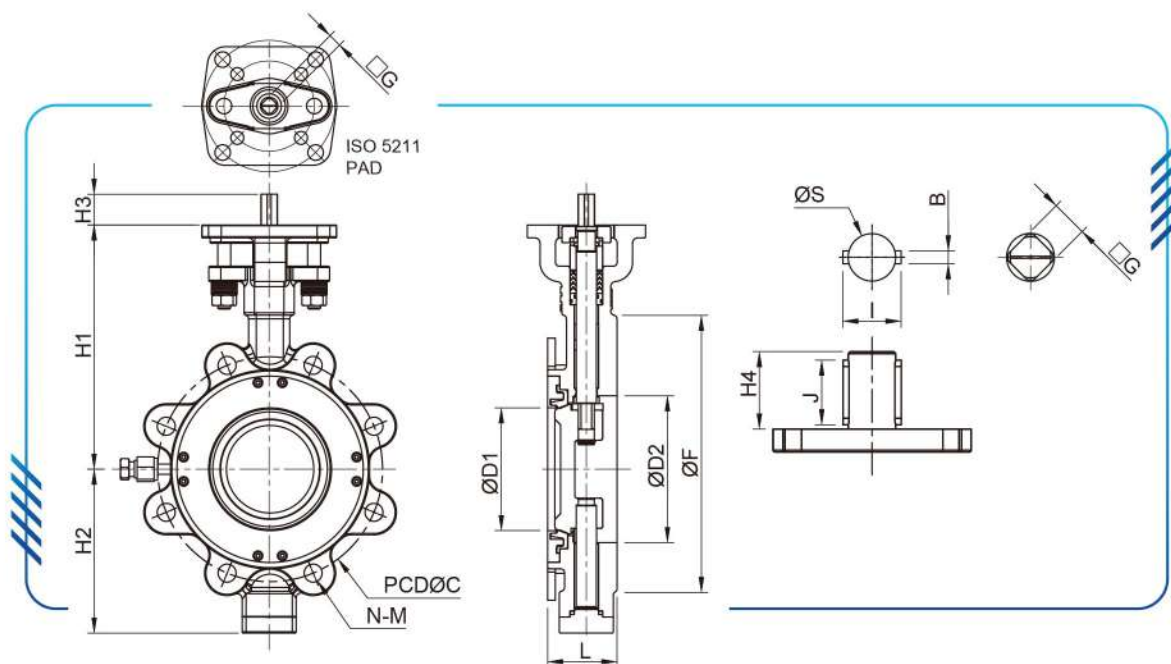
DIMENSIONS

(mm)

SIZE	L		D1	D2	10K				Class 150				H1	H2	H3	H4	B x I x J	□ G	ØS	ISO-5211	Wt (Kg)	
	10K	Class 150			F	C	N	M	F	C	N	M									10K	Class 150
350A 14"	78	78/92	314.3	343.0	413	445	4	Ø25	412.8	476.2	4	Ø29	355	289	50	50	10x42x45	27	33	F14	54.3	54.3
400A 16"	102	102	362.9	388.0	475	510	4	Ø27	469.9	539.8	4	Ø29	395	318	70	70	14x52x60	36	45	F16	86.0	85.1
450A 18"	114	114	413.3	444.5	530	565	4	M24	533.4	577.8	4	Ø32	414	340	80	80	14x55x70	36	48	F16	105.9	105.9
500A 20"	127	127	455.0	495.5	585	620	4	M24	584.2	635.0	4	1-1/8"-8UN	452	383	90	90	16x63x80	46	55	F20/F25	139.3	139.3
600A 24"	154	154	548.8	596.9	690	730	4	M30	692.2	749.3	4	1-1/4"-8UN	545	475	100	100	18x68x90	55	60	F25	228.5	227.2

Lug

2-1/2"~12"(65A~300A)



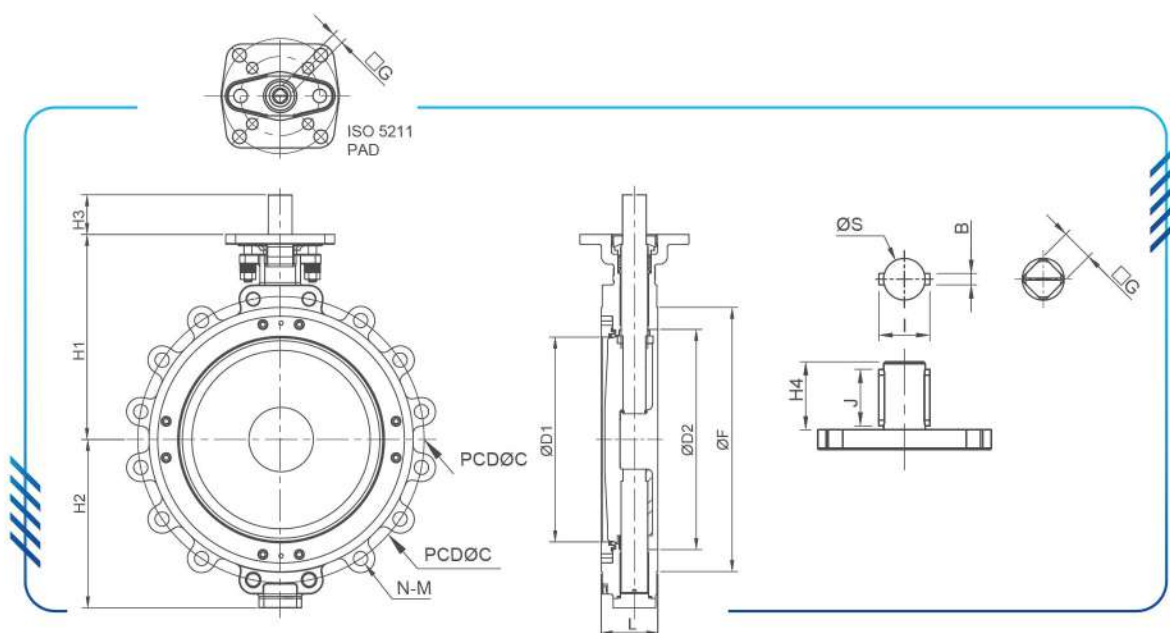
DIMENSIONS

(mm)

SIZE	L		D1	D2	10K				Class 150				H1	H2	H3	H4	Bx I x J	□ G	ØS	ISO-5211	Wt (Kg)	
	10K	Class 150			F	C	N	M	F	C	N	M									10K	Class 150
65 2-1/2"	46	48	59.0	74.6	116	140	4	M16	104.6	139.7	4	5/8"-11UNC	158	109	24	30	5x18x25	11	14	F07/F10	5.4	5.7
80 3"	46	48	73.1	88.9	126	150	8	M16	127.0	152.4	4	5/8"-11UNC	168	116	24	30	5x18x25	11	14	F07/F10	6.9	6.2
100 4"	52	54	95.6	114.3	151	175	8	M16	157.2	190.5	8	5/8"-11UNC	190	127	24	30	5x18x25	11	14	F07/F10	9.3	10.5
125 5"	56	56	111.4	130.0	182	210	8	M20	185.7	215.9	8	5/8"-11UNC	203	132	24	30	5x18x25	11	14	F07/F10	11.8	12.1
150 6"	56	57	141.5	158.8	212	240	8	M20	215.9	241.3	8	3/4"-10UNC	208	157	28	36	6x23x30	14	18	F07/F10	12.9	12.7
200 8"	60	64	188.0	209.6	262	290	12	M20	269.7	298.4	8	3/4"-10UNC	235	188	30	36	6x27x30	17	22	F10/F12	21.0	21.5
250 10"	68	71	235.9	254.0	324	355	12	M22	323.8	362.0	12	7/8"-9UNC	295	221	36	36	8x34x30	22	28	F12/F14	35.3	34.9
300 12"	78	81	281.5	304.8	368	400	16	M22	381.0	431.8	12	7/8"-9UNC	325	261	40	40	10x38x35	27	33	F14/F16	45.0	50.5

Lug

14"~24"(350A~600A)



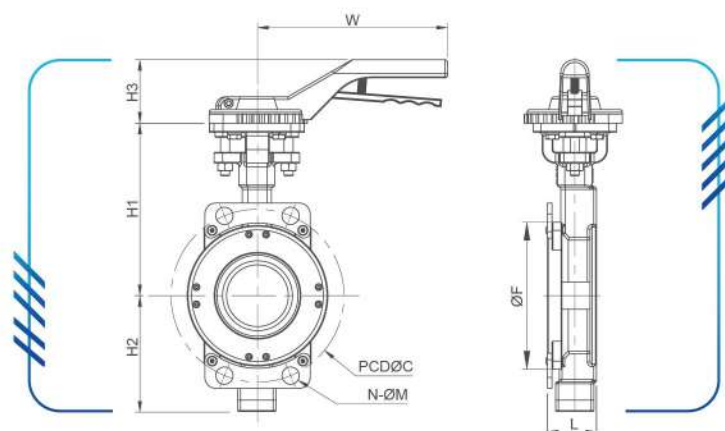
DIMENSIONS

(mm)

SIZE	L		D1	D2	10K				Class 150				H1	H2	H3	H4	B x I x J	□ G	ØS	ISO-5211	Wt (Kg)	
	10K	Class 150			F	C	N	M	F	C	N	M									10K	Class 150
350A 14"	78	78/92	314.3	343.0	413	445	4	M22	412.8	476.2	4	1-8UNC	355	289	50	50	10x42x45	27	33	F14	55.1	63.8
400A 16"	102	102	362.9	388.0	475	510	4	M24	469.9	539.8	4	1-8UNC	395	318	70	70	14x52x60	36	45	F16	91.9	97.8
450A 18"	114	114	413.3	444.5	530	565	4	M24	533.4	577.8	4	1-1/8"-8UN	414	340	80	80	14x55x70	36	48	F16	118.0	117.5
500A 20"	127	127	455.0	495.5	585	620	4	M24	584.2	635.0	4	1-1/8"-8UN	452	383	90	90	16x63x80	46	55	F20/F25	152.1	159.9
600A 24"	154	154	548.8	596.9	690	730	4	M30	692.2	749.3	4	1-1/4"-8UN	545	475	100	100	18x68x90	55	60	F25	249.1	252.1

Wafer Lever

2-1/2"~8"(65A~80A)



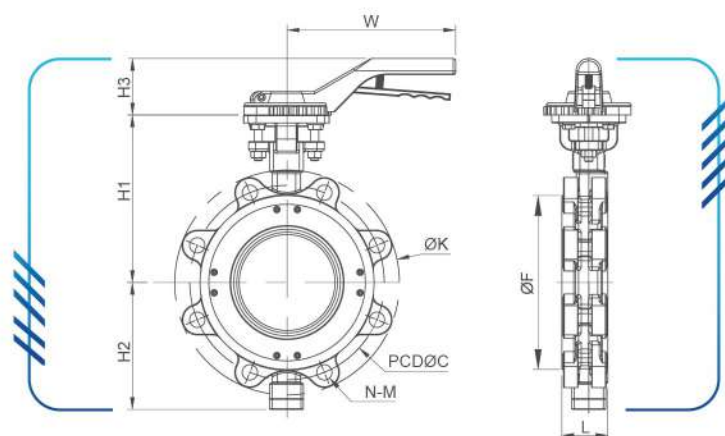
DIMENSIONS

(mm)

SIZE		L		ØF		ØC		M		H1	H2	H3	W	ISO-5211	Wt (Kg)	
		10K	Class 150	10K	Class 150	10K	Class 150	10K	Class 150						10K	Class 150
65A	2-1/2"	46	48	116	104.6	140	139.7	Ø19	Ø19	158	109	65	210	F07/F10	4.8	4.9
80A	3"	46	48	126	127.0	150	152.4	Ø19	Ø19	168	116	65	210	F07/F10	5.1	5.3
100A	4"	52	54	151	157.2	175	190.5	Ø19	Ø19	190	127	65	210	F07/F10	6.8	7.1
125A	5"	56	54	182	185.7	210	215.9	Ø23	Ø22	203	132	65	210	F07/F10	8.7	8.9
150A	6"	56	57	212	215.9	240	241.3	Ø23	Ø22	208	157	75	340	F07/F10	10.6	10.9
200A	8"	60	64	262	269.7	290	298.4	Ø23	Ø22	235	188	75	340	F10/F12	16.6	17.3

Lug Lever

2-1/2"~8"(65A~80A)



DIMENSIONS

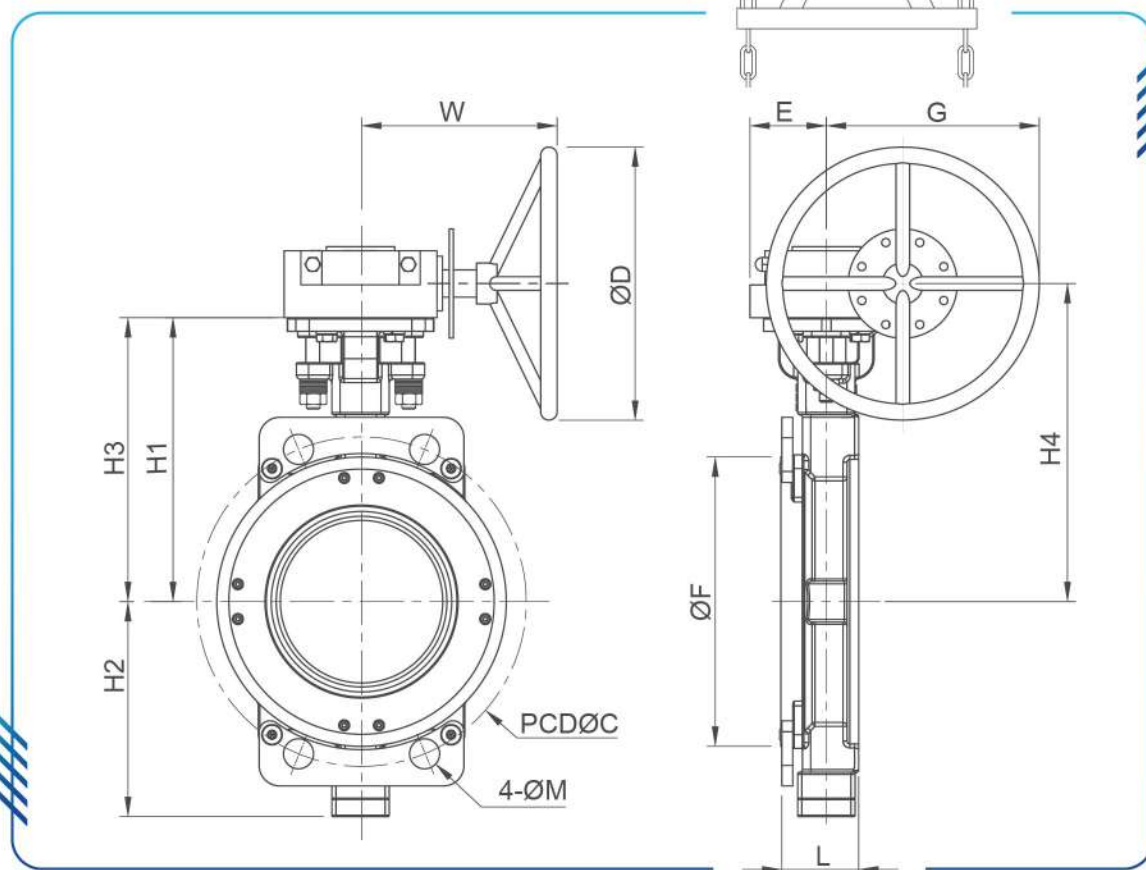
(mm)

SIZE		L		ØF		ØC		ØK		N		M		H1	H2	H3	W	ISO-5211	Wt (Kg)	
		10K	Class 150	10K	Class 150	10K	Class 150	10K	Class 150	10K	Class 150	10K	Class 150						10K	Class 150
65	2-1/2"	46	48	116	104.6	140	139.7	175	180	4	4	M16	5/8"-11UNC	158	109	65	210	F07/F10	4.8	4.9
80	3"	46	48	126	127.0	150	152.4	185	190	8	4	M16	5/8"-11UNC	168	116	65	210	F07/F10	5.1	5.3
100	4"	52	54	151	157.2	175	190.5	210	230	8	8	M16	5/8"-11UNC	190	127	65	210	F07/F10	6.8	7.1
125	5"	56	54	182	185.7	210	215.9	250	255	8	8	M20	5/8"-11UNC	203	132	65	210	F07/F10	8.7	8.9
150	6"	56	57	212	215.9	240	241.3	280	280	12	8	M20	3/4"-10UNC	208	157	75	340	F07/F10	10.6	10.9
200	8"	60	64	262	269.7	290	298.4	330	345	12	8	M20	3/4"-10UNC	235	188	75	340	F10/F12	16.6	17.3

Wafer Gear

2-1/2"~12" (65A~300A)

Chain
operation is
on request.



DIMENSIONS

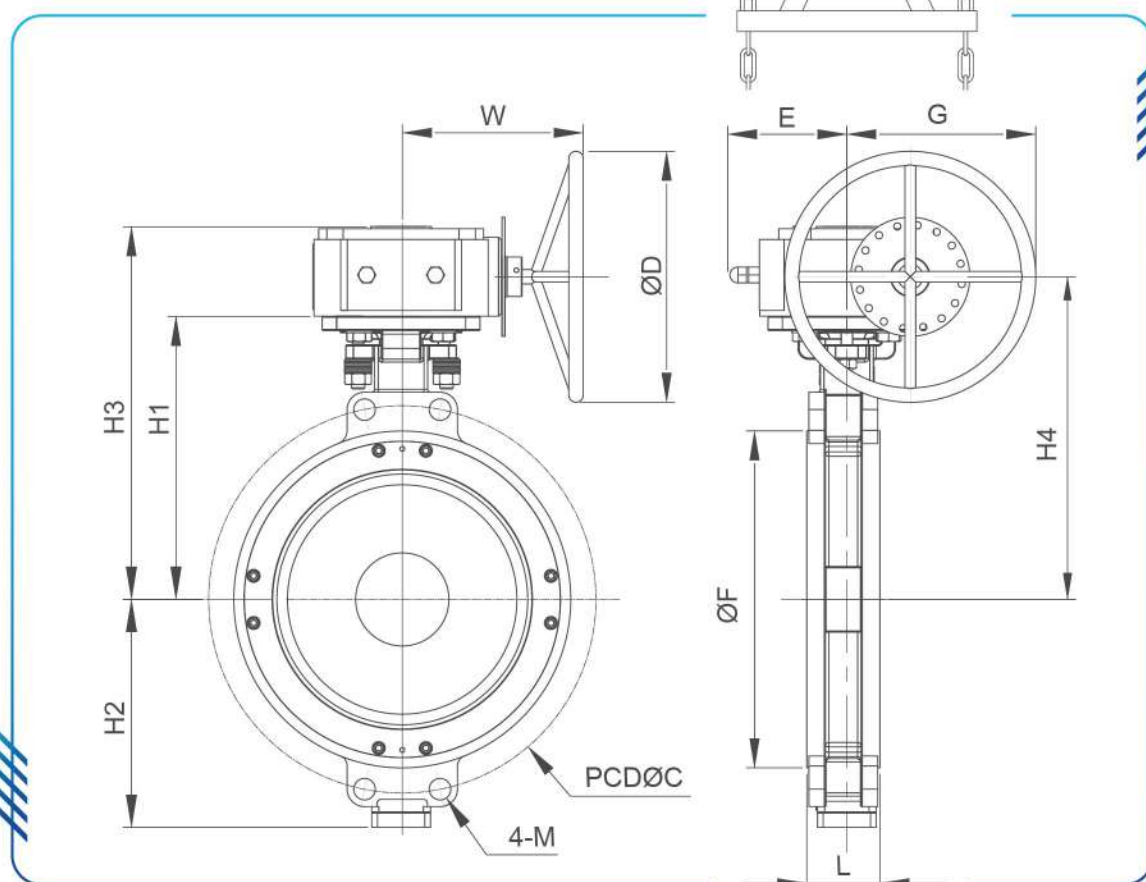
(mm)

SIZE	L		10K				Class 150				H1	H2	H3	H4	W	E	G	ØD	ISO-5211	Wt (Kg)	
	10K	Class 150	F	C	N	ØM	F	C	N	M										10K	Class 150
65A 2-1/2"	46	48	116	140	4	Ø19	105	140	4	Ø19	158	109	229	189	178	70	150	200	F07/F10	9.2	9.2
80A 3"	46	48	126	150	4	Ø19	126	152	4	Ø19	168	116	239	199	178	70	150	200	F07/F10	9.6	9.6
100A 4"	52	54	151	175	4	Ø19	152	191	4	Ø19	190	127	261	221	178	70	150	200	F07/F10	11.4	11.4
125A 5"	56	57	182	210	4	Ø23	186	216	4	Ø22	203	132	274	234	178	70	150	200	F07/F10	15.7	15.7
150A 6"	56	57	212	240	4	Ø23	212	241	4	Ø22	208	157	283	242	163	86	190	250	F07/F10	17.1	17.1
200A 8"	60	64	262	290	4	Ø23	262	298	4	Ø22	235	188	310	269	163	86	190	250	F10/F12	22.8	23.5
250A 10"	68	71	324	355	4	Ø25	324	362	4	Ø25	295	221	384	338	192	106	320	280	F12/F14	35.8	36.5
300A 12"	78	81	368	400	4	Ø25	372	432	4	Ø25	325	261	420	369	257	130	240	320	F14/F16	50.7	52.1

Wafer Gear

14"~24"(350A~600A)

Chain operation is on request.



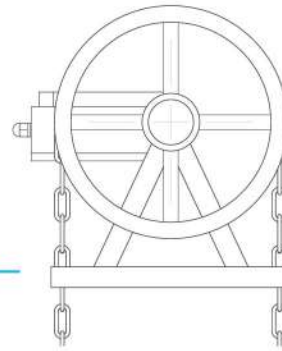
DIMENSIONS

(mm)

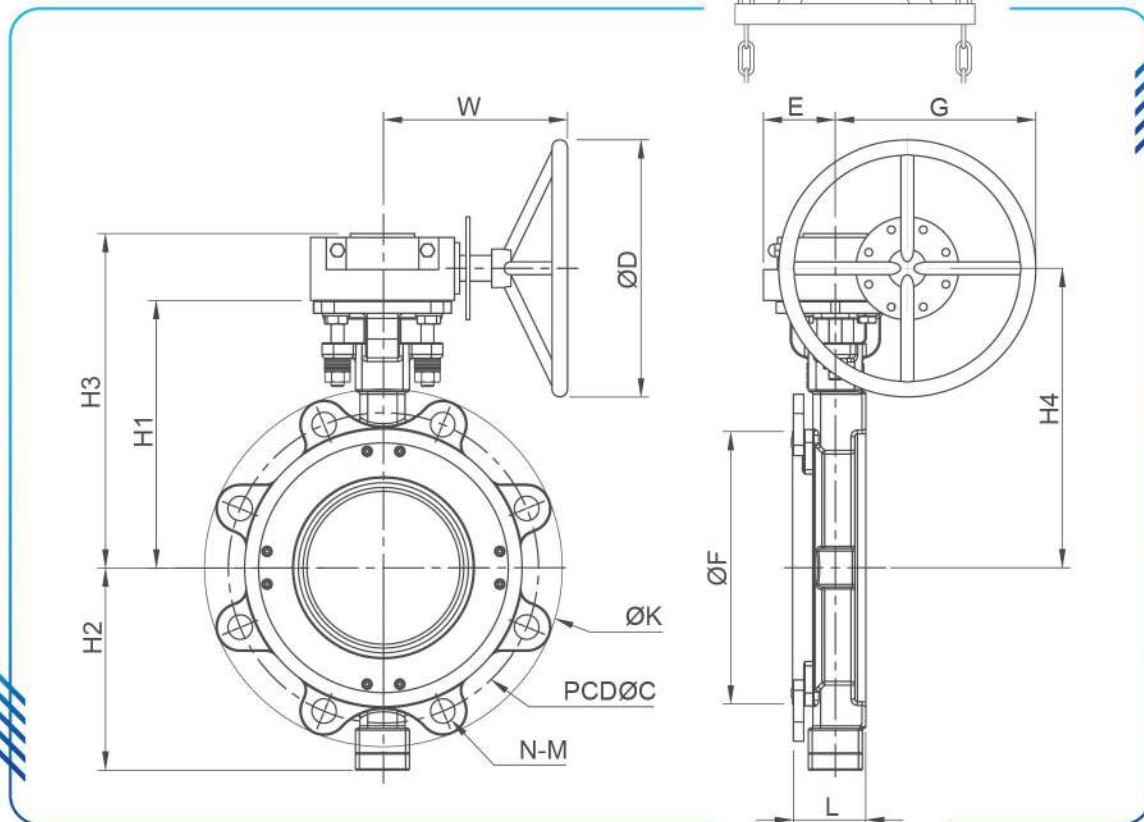
SIZE	L		10K			Class 150			H1	H2	H3	H4	W	E	G	ØD	ISO-5211	Wt (Kg)	
	10K	Class 150	F	C	M	F	C	M										10K	Class 150
350A 14"	78	78/92	413	445	Ø25	412.8	476.2	Ø29	355	289	50	50	257	130	263	320	F14	70.5	70.5
400A 16"	102	102	475	510	Ø27	469.9	539.8	Ø29	395	318	70	70	271	155	280	350	F16	115.5	114.6
450A 18"	114	114	530	565	Ø24	533.4	577.8	Ø32	414	340	80	80	271	155	280	350	F16	135.4	135.4
500A 20"	127	127	585	620	Ø24	584.2	635	1-1/8"-8UN	452	383	90	90	312	168	330	400	F20/F25	180.7	180.7
600A 24"	154	154	690	730	Ø30	692.2	749.3	1-1/4"-8UN	545	475	100	100	362	193	418	520	F25	303.5	302.2

Lug Gear

2-1/2"~12" (65A~300A)



Chain
operation is
on request.



DIMENSIONS

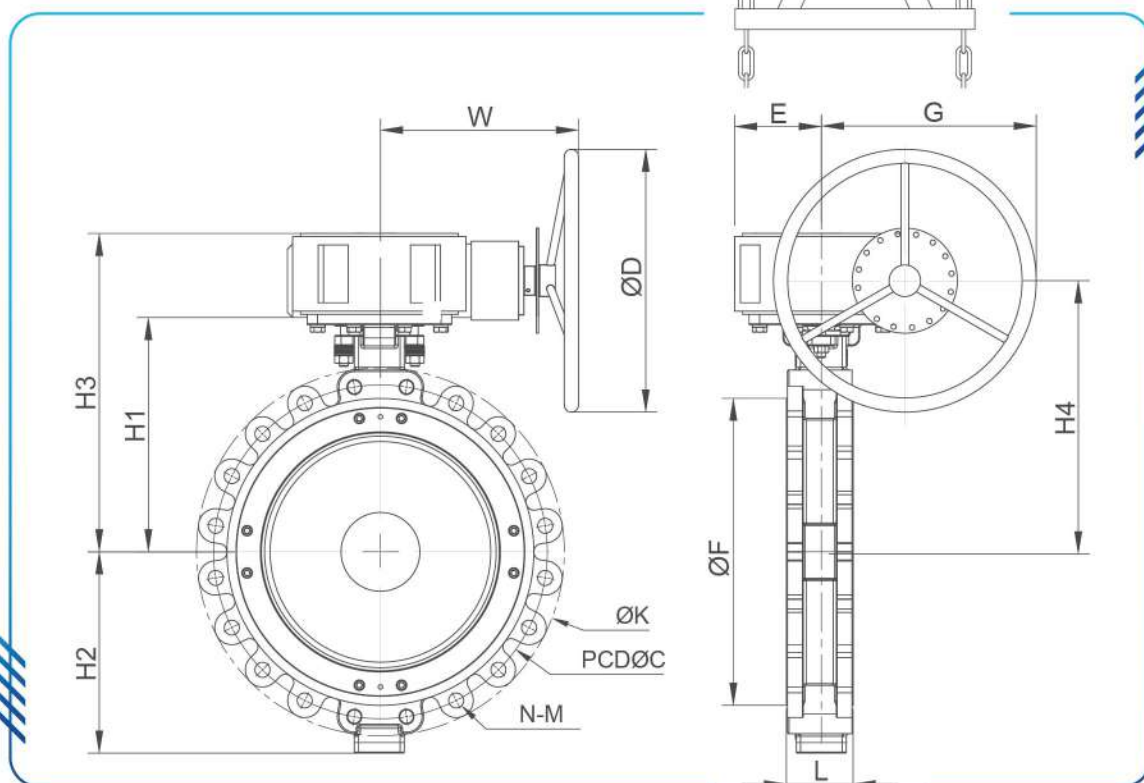
(mm)

SIZE	L		10K				Class 150				H1	H2	H3	H4	W	E	G	ØD	ISO-5211	P	Wt (Kg)	
	10K	Class 150	F	C	N	M	F	C	N	M											10K	Class 150
65A 2-1/2"	46	48	116	140	4	M16	104.6	139.7	4	5/8"-11UNC	158	109	229	189	178	70	150	200	F07/F10	50	10.0	10.4
80A 3"	46	48	126	150	8	M16	127	152.4	4	5/8"-11UNC	168	116	239	199	178	70	150	200	F07/F10	50	11.6	10.8
100A 4"	52	54	151	175	8	M16	157.2	190.5	8	5/8"-11UNC	190	127	261	221	178	70	150	200	F07/F10	50	13.9	15.2
125A 5"	56	57	182	210	8	M20	185.7	215.9	8	3/4"-10UNC	203	132	274	234	178	70	150	200	F07/F10	50	19.0	19.3
150A 6"	56	57	212	240	8	M20	215.9	241.3	8	3/4"-10UNC	208	157	283	242	163	86	190	250	F07/F10	50	20.1	19.9
200A 8"	60	64	262	290	12	M20	269.7	298.4	8	3/4"-10UNC	235	188	310	269	163	86	190	250	F10/F12	60	28.2	28.7
250A 10"	68	71	324	355	12	M22	323.8	362.0	12	7/8"-9UNC	295	221	384	338	192	106	320	280	F12/F14	60	46.0	45.6
300A 12"	78	81	368	400	16	M22	381	431.8	12	7/8"-9UNC	325	261	420	369	257	130	240	320	F14/F16	70	61.2	66.7

Lug Gear

14"~24"(350A~600A)

Chain operation is on request.

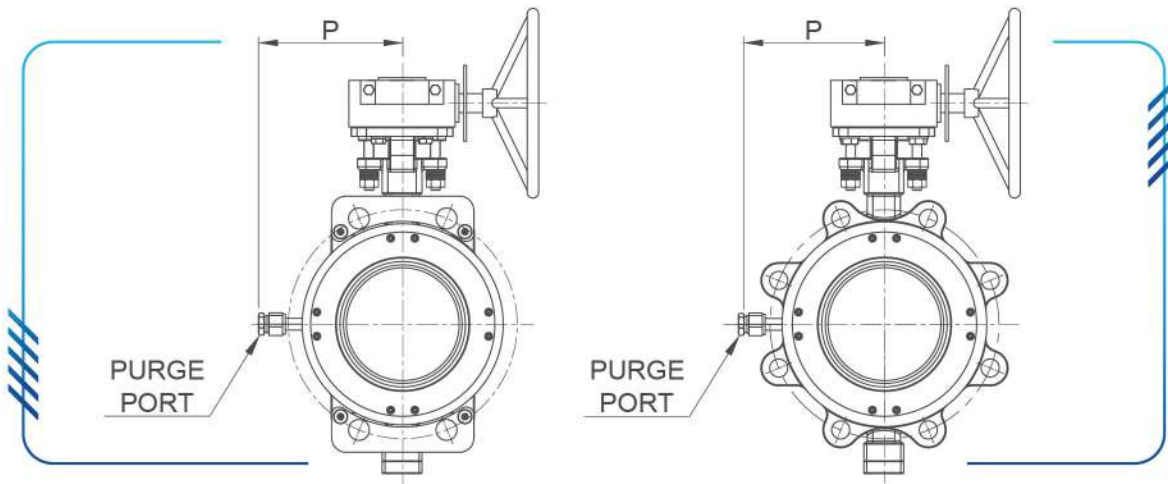


DIMENSIONS

(mm)

SIZE		L		10K				Class 150				H1	H2	H3	H4	W	E	G	ØD	ISO-5211	Wt (Kg)	
		10K	Class 150	F	C	N	M	F	C	N	M										10K	Class 150
350A	14"	78	78/92	413	445	16	M22	104.6	476.2	12	1-8UNC	355	289	50	50	130	263	27	320	F14	71.3	80.0
400A	16"	102	102	475	510	16	M24	127.0	539.8	16	1-8UNC	395	318	70	70	155	280	36	350	F16	121.4	127.3
450A	18"	114	114	530	565	20	M24	157.2	577.8	16	1-1/8"-8UN	414	340	80	80	155	280	36	350	F16	147.5	147.0
500A	20"	127	127	585	620	20	M24	185.7	635.0	20	1-1/8"-8UN	452	383	90	90	168	330	46	400	F20/F25	193.5	201.3
600A	24"	154	154	690	730	24	M30	215.9	749.3	20	1-1/4"-8UN	545	475	100	100	193	418	55	520	F25	324.1	327.1

Purge Port Table



SIZE		PURGE PORT	P
65A	2 1/2"	1/4"	114
80A	3"	1/4"	128
100A	4"	1/4"	132
125A	5"	1/4"	154
150A	6"	1/4"	162
200A	8"	1/2"	194
250A	10"	1/2"	225
300A	12"	1/2"	273
350A	14"	1/2"	302
400A	16"	1/2"	314
450A	18"	1/2"	343
500A	20"	1/2"	365
600A	24"	1/2"	420

Torque Table

SIZE	Pressure (Mpa)	0.5	1	1.5	2
65A	2-1/2"	26	28	31	33
80A	3"	32	35	38	41
100A	4"	50	56	63	69
125A	5"	63	72	80	85
150A	6"	93	109	115	129
200A	8"	157	182	198	220
250A	10"	209	245	282	321
300A	12"	266	335	408	488
350A	14"	455	588	717	858
400A	16"	566	740	820	1100
450A	18"	735	966	1250	1440
500A	20"	988	1300	1622	1950
600A	24"	1509	2008	2505	3023

Note:

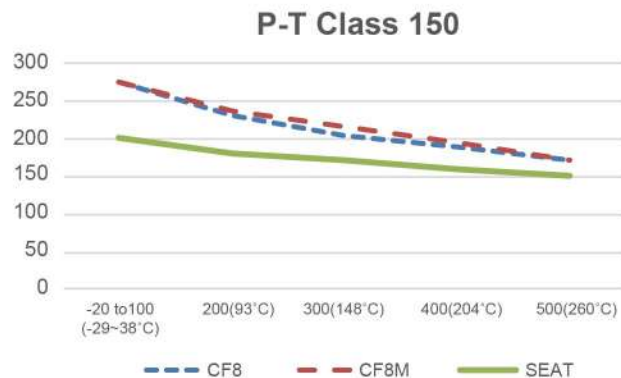
Torque unit in Nm and maximum pressure difference unit in MPa.

Torque values were tested using clean water at room temperature.

JTD - E P-T Chart

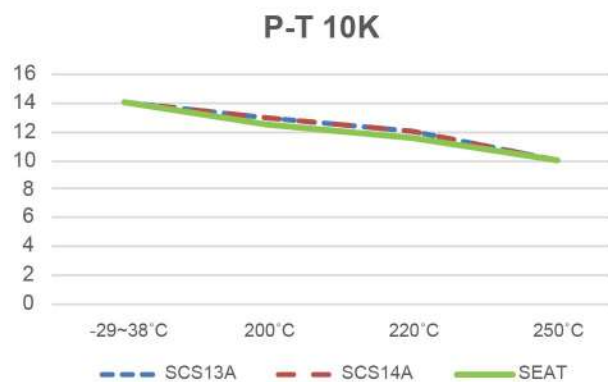
CLASS 150

SERVICE TEMP (°F)	WORKING PRESSURE (PSIG)	
	CF8	CF8M
-20 to 100 (-29~38°C)	275	275
200 (93°C)	230	235
300 (148°C)	205	215
400 (204°C)	190	195
500 (260°C)	170	170

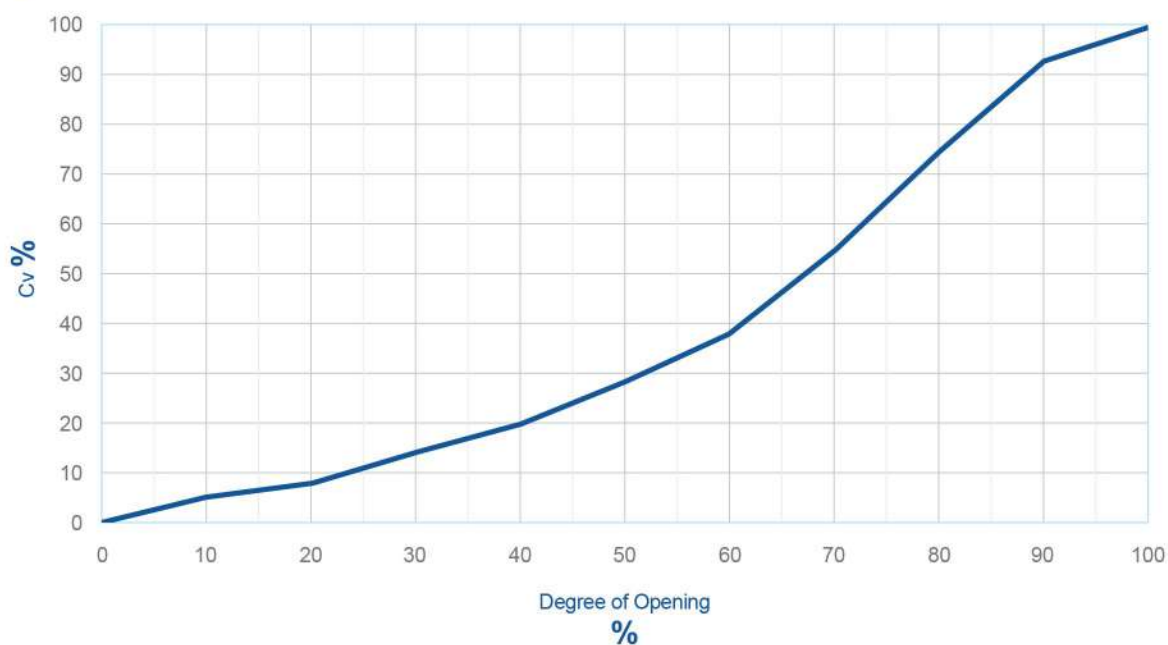


JIS 10K

SERVICE TEMP (°C)	WORKING PRESSURE (BARG)	
	CF8	CF8M
-29~38°C	14	14
200°C	13	13
220°C	12	12
250°C	10	10



Flow Characteristics



Performance - Semiconductor Industry



Buk Gas System



CDA System



CDA System

How to order

JTD-E A → B → C → D → E → F → G → H → I → J

Ex A1 → 3 → A → 22 → G → 80 → G → W → A → O

A.SPECIFICATION		B.BODY MAT'L		C.DISC MAT'L		D. STEM MAT'L	
A1	10K	3	SCS13A / CF8	A	SCS13A / CF8	22	630
C1	150	4	SCS14A / CF8M	C	SCS14A / CF8M		
		6	SCS16A / CF3M				
E.SEAT		F.SIZE		G.OPTION		H.END CONNECTION	
P	PTFE	65	2-1/2"		BARE SHAFT	W	WAFER
G	RPTFE	80	3"	H	LEVER	L	LUG
T	TFM-1600	100	4"	G	GEAR BOX		
		125	5"	C	ACTUATOR		
		150	6"				
		200	8"				
		250	10"				
		300	12"				
		350	14"				
		400	16"				
		450	18"				
		500	20"				
		600	24"				
				I.ROUGHNESS		J.PURGE PORT	
				A	AP	N	NPP
				B	BA	O	OPP
				E	EP		



Certificates

More than 180 certificates that includes quality system and product function tests to satisfy various market demand



ISO 9001



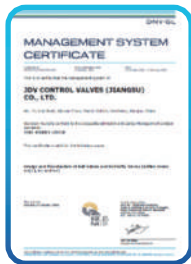
CE / PED



ISO 14001



ISO 18001



ISO 45001



API 607



ISO 10497



API 6FA



ATEX



TA LUFT



ISO 15848

High Temperature
Test

Cryogenic Test



SIL2/3



CRN



TSG



German TÜV Rheinland



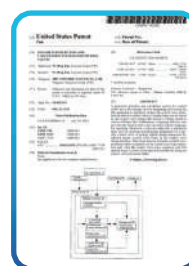
Patents in Taiwan



Taiwan



China



USA



Germany



JDV CONTROL VALVES CO., LTD.

HQ

NO. 6-1, QINGNIAN RD.,
YANGMEI DIST., TAOYUAN CITY
326, TAIWAN

T +886-3 496 5066

F +886-3 496 3526

TPEX : 6843

✉ sales@jdv.com.tw

Facebook @jdv.valves

Line @jdv.valves

WhatsApp jdv_valves



www.jdv.com.tw



Android
Pad & Phone



iOS
Pad & Phone



LINE OA