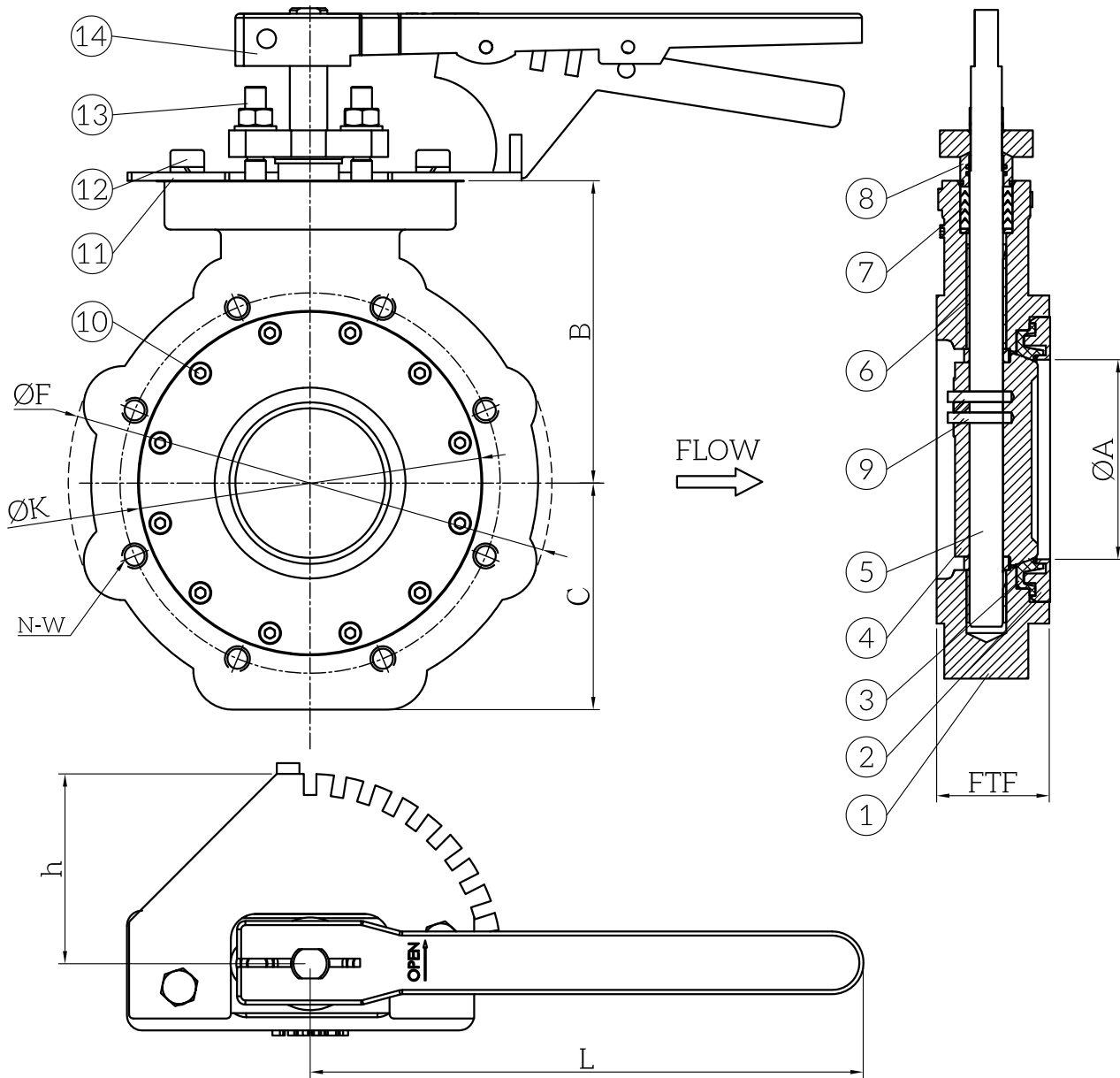




MATERIAL LIST

NO.	PARTNAME	MATERIAL
1	Body	WCB
2	Insert	A105
3	Seat	RPTFE
4	Disc	CF8M
5	Stem	17-4PH
6	Sleeve	SS316L+RPTFE
7	Packing	RPTFE
8	Cover	WCB
9	Pin	17-4PH
10	Screw	A29 1035
11	Screw	A29 1035
12	Chainring	Q235A
13	Bolt / Nut	B7/2H
14	Lever	WCB

Standard Compliant:

1. Design & Manufacture acc. to API 609
2. Flange Dimensions acc. to ASME B16.5
3. Face-to-Face Dimensions acc. to API 609
4. Suitable Temperature: -29°C~180°C
5. Pressure Test & Inspection acc. to API 598

Pressure Rating	CLASS 300	
Shell Test	Water	1125 psi
BackSeat Test	Water	——
High-Pressure Closure Test	Water	——
Low-Pressure Closure Test	Air	80 psi

DIMENSIONS:

SIZE		ØA	B	C	FTF±3.3	L	h	ØF	ØK	N-W
NPS	DN									
3"	80	73	120	93	48	262	93	210	168.3	8-3/4-10UNC



DIE ERSTE INDUSTRY CO., LTD,
TAICHUNG, TAIWAN

DRAWN BY:
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2024-09-03

REVIEW BY:
Danny.Hsu
2024-09-03

APPROVAL:
Bibby.Wang
2024-09-03

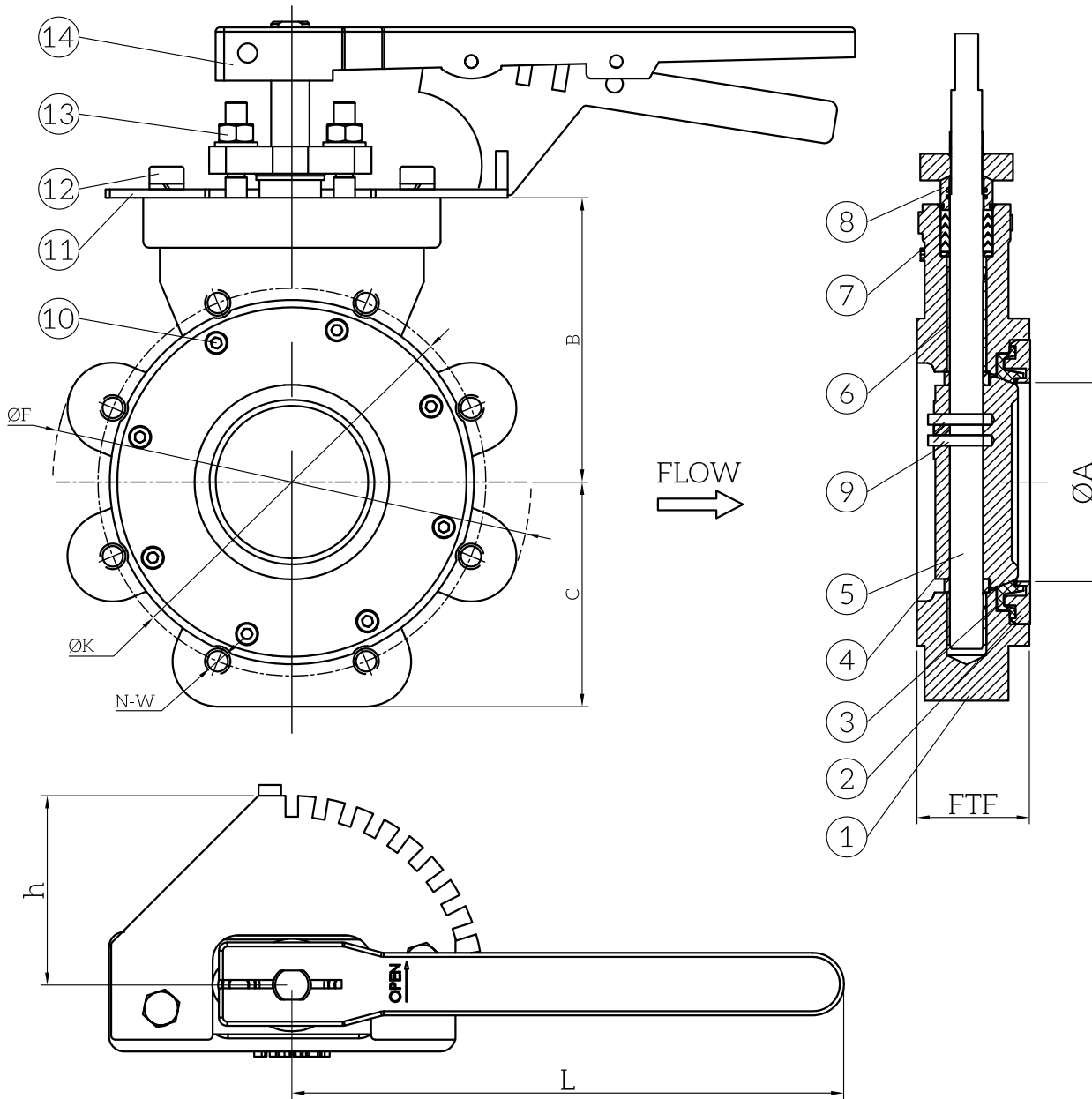
TITLE:
SERIES 82L
DOUBLE ECCENTRIC BUTTERFLY VALVE,
LUG TYPE, CLASS 300, 3"

DWG. NO.

REV: 1.0

UNIT: mm
DO NOT SCALE

Sheet: 1 of 1



MATERIAL LIST

NO.	PARTNAME	MATERIAL
1	Body	WCB
2	Insert	A105
3	Seat	RPTFE
4	Disc	CF8M
5	Stem	17-4PH
6	Sleeve	SS316L+RPTFE
7	Packing	RPTFE
8	Cover	WCB
9	Pin	17-4PH
10	Screw	A29 1035
11	Screw	A29 1035
12	Chainring	Q235A
13	Bolt / Nut	B7/2H
14	Lever	WCB

Standard Compliant:

1. Design & Manufacture acc. to API 609
2. Flange Dimensions acc. to ASME B16.5
3. Face-to-Face Dimensions acc. to API 609
4. Suitable Temperature: -29°C~180°C
5. Pressure Test & Inspection acc. to API 598

Pressure Rating	CLASS 300	
Shell Test	Water	1125 psi
BackSeat Test	Water	——
High-Pressure Closure Test	Water	——
Low-Pressure Closure Test	Air	80 psi

DIMENSIONS:

SIZE		ØA	B	C	FTF±3.3	L	h	ØF	ØK	N-W
NPS	DN									
4"	100	96	133	110	54	262	93	255	200	8-3/4-10UNC



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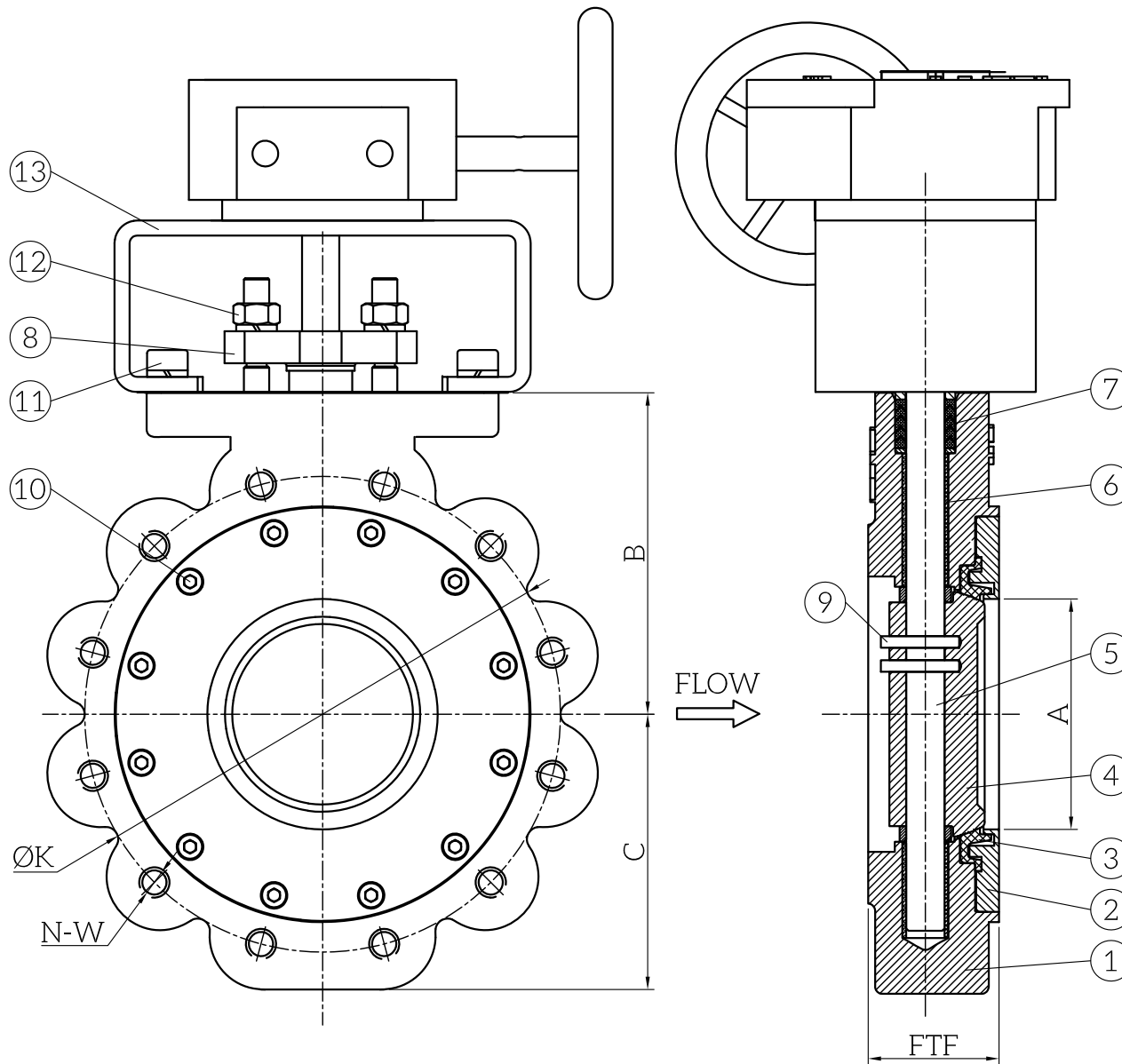
TITLE:
SERIES 82L
DOUBLE ECCENTRIC BUTTERFLY VALVE,
LUG TYPE, CLASS 300, 4"

DWG. NO.

REV: 1.0

UNIT: mm
DO NOT SCALE

Sheet: 1 of 1



MATERIAL LIST

NO.	PARTNAME	MATERIAL
1	Body	WCB
2	Insert	A105
3	Seat	RPTFE
4	Disc	CF8M
5	Stem	17-4PH
6	Sleeve	SS316L+RPTFE
7	Packing	RPTFE
8	Cover	WCB
9	Pin	17-4PH
10	Screw	A29 1035
11	Screw	A29 1035
12	Bolt / Nut	B7/2H
13	Bracket	Q235A

Standard Compliant:

1. Design & Manufacture acc. to API 609
2. Flange Dimensions acc. to ASME B16.5
3. Face-to-Face Dimensions acc. to API 609
4. Suitable Temperature: -29°C~180°C
5. Pressure Test & Inspection acc. to API 598

Pressure Rating	CLASS 300	
Shell Test	Water	1125 psi
BackSeat Test	Water	——
High-Pressure Closure Test	Water	——
Low-Pressure Closure Test	Air	80 psi

DIMENSIONS:

SIZE		ØA	B	C	FTF±3.3	ØF	ØK	N-W
NPS	DN							
6"	150	142	174	153	59	320	269.9	12-3/4"-10UNC
8"	200	188	212	180	73	380	330.2	12-7/8"-9UNC



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2024-09-03

APPROVAL:
Bibby.Wang
2024-09-03

TITLE:
SERIES 82L
DOUBLE ECCENTRIC BUTTERFLY VALVE,
LUG TYPE, CLASS 300, 6~8"

DWG. NO.

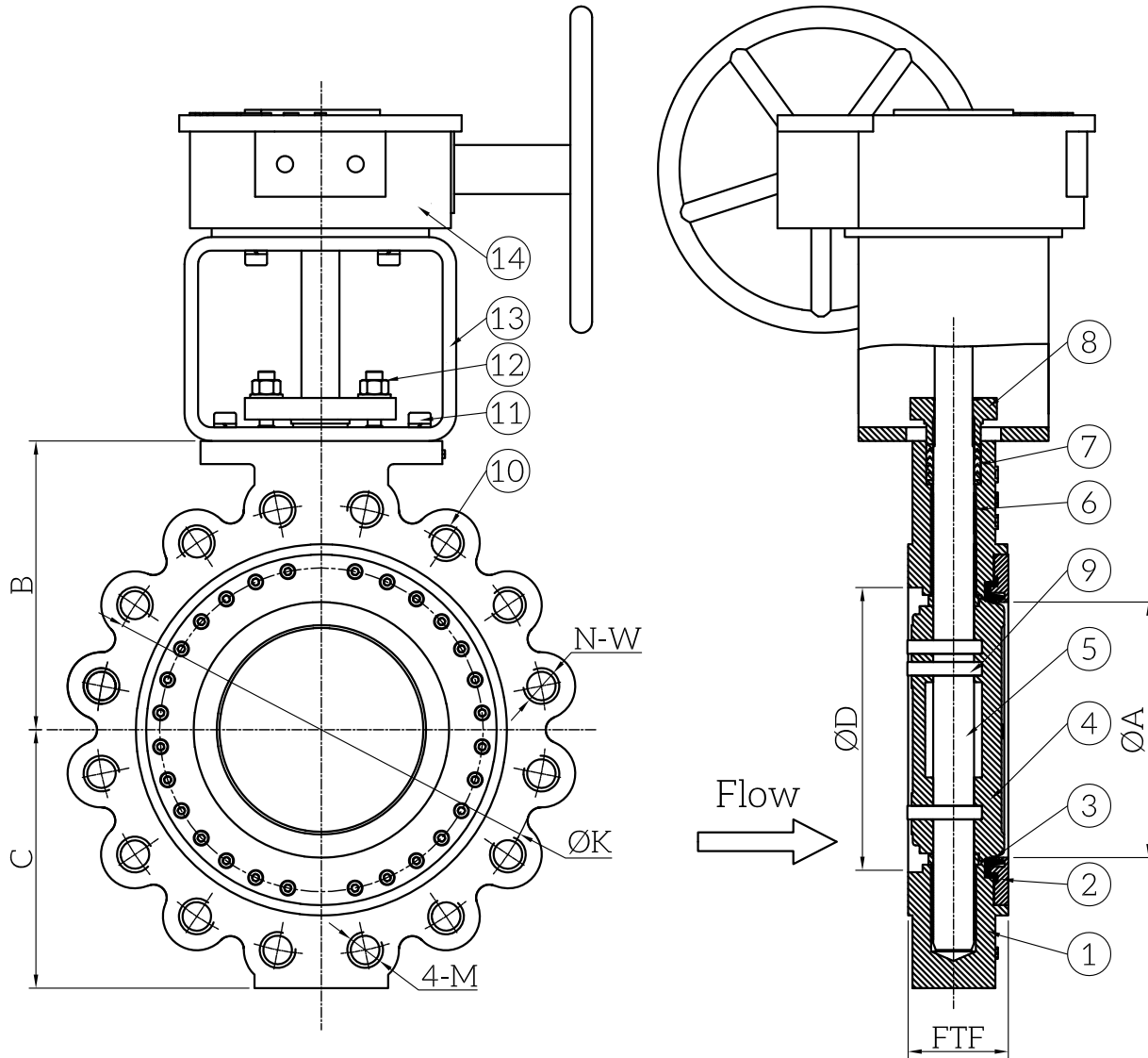
REV: 1.0

UNIT: mm
DO NOT SCALE

Sheet: 1 of 1

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MATERIAL LIST

NO.	PARTNAME	MATERIAL
1	Body	WCB
2	Insert	A105
3	Seat	RPTFE
4	Disc	CF8M
5	Stem	17-4PH
6	Sleeve	SS316L+RPTFE
7	Packing	RPTFE
8	Cover	WCB
9	Pin	17-4PH
10	Screw	A29 1035
11	Screw	A29 1035
12	Bolt and Nut	B7/2H
13	Bracket	Q235A
14	Gear Box	Ductile Iron

Standard Compliant:

1. Design & Manufacture acc. to API 609
2. Flange Dimensions acc. to ASME B16.5
3. Face-to-Face Dimensions acc. to API 609
4. Suitable Temperature: -29°C~180°C
5. Pressure Test & Inspection acc. to API 598

Pressure Rating	CLASS 300	
Shell Test	Water	1125 psi
BackSeat Test	Water	——
High-Pressure Closure Test	Water	——
Low-Pressure Closure Test	Air	80 psi

DIMENSIONS:

SIZE		ØA	B	C	D	FTF±3.3	ØK	N-W	4-M
NPS	DN								
10"	250	236	254	222	254	83	387.4	12-1"-8UN	4-1"-8UN



DIE ERSTE INDUSTRY CO., LTD,
TAICHUNG, TAIWAN

DRAWN BY:
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2024-09-03

REVIEW BY:
Danny.Hsu
2024-09-03

APPROVAL:
Bibby.Wang
2024-09-03

TITLE:
SERIES 82L
DOUBLE ECCENTRIC BUTTERFLY VALVE,
LUG TYPE, CLASS 300, 10"

DWG. NO.

REV: 1.0

UNIT: mm
DO NOT SCALE

Sheet: 1 of 1