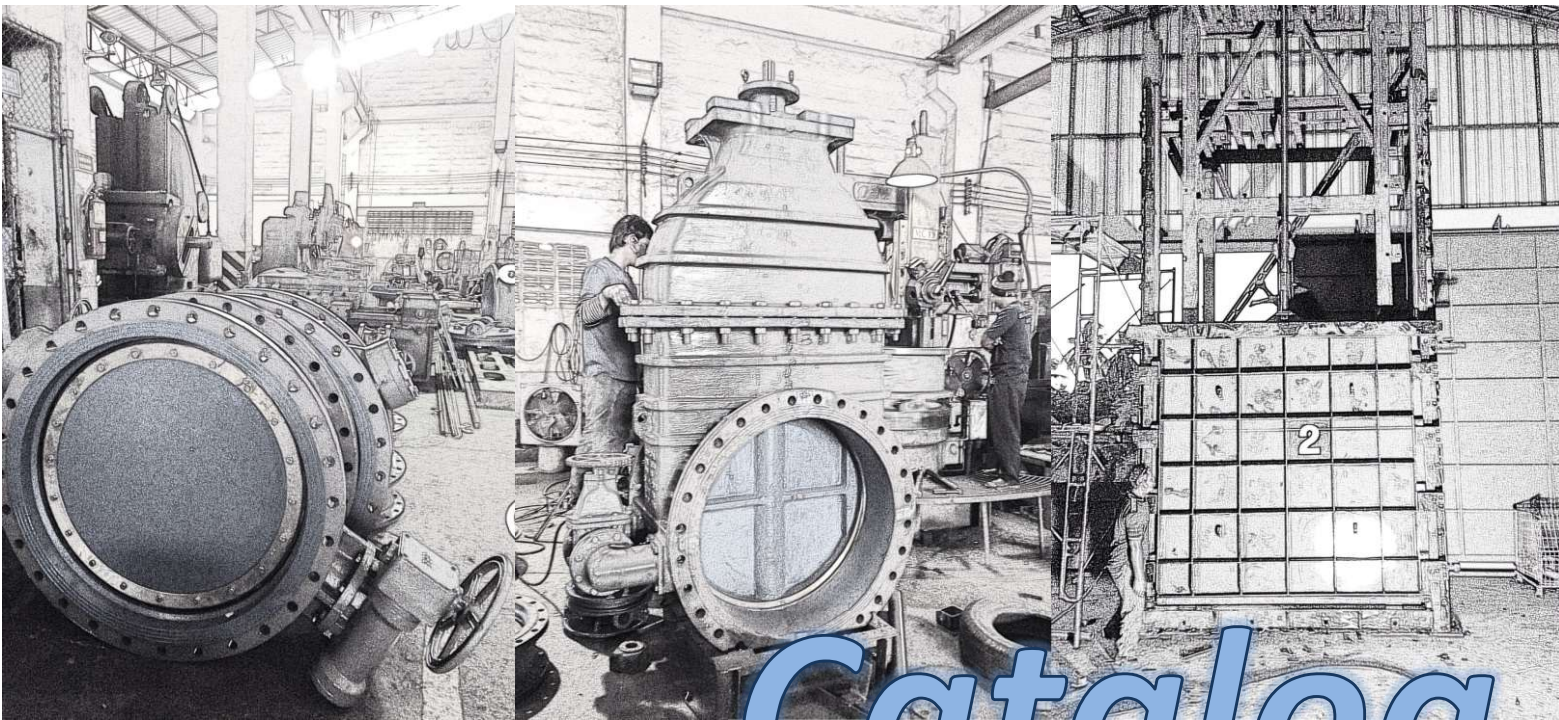
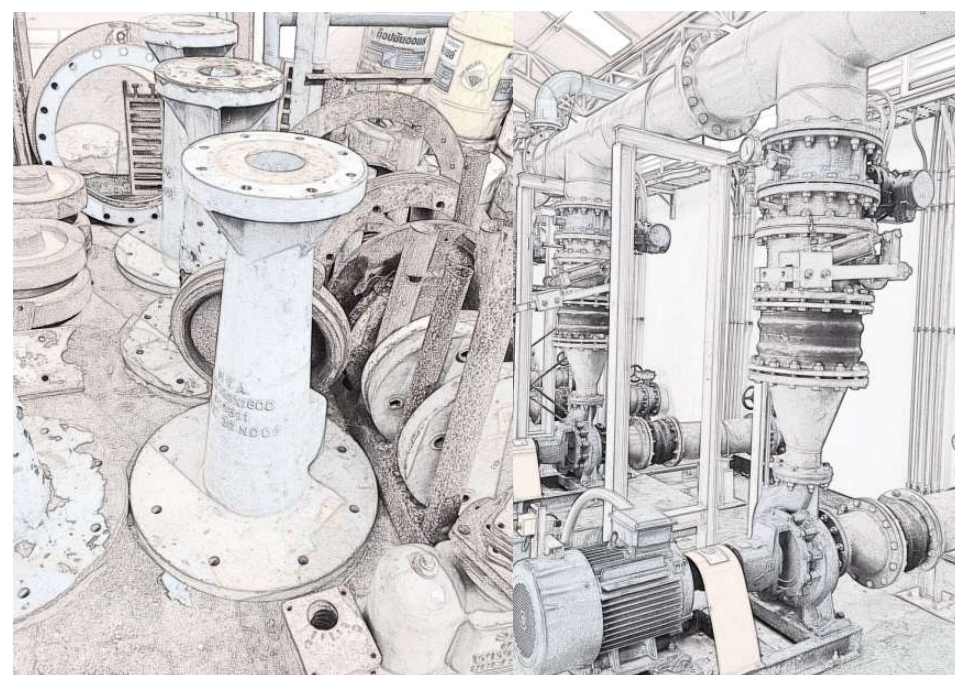
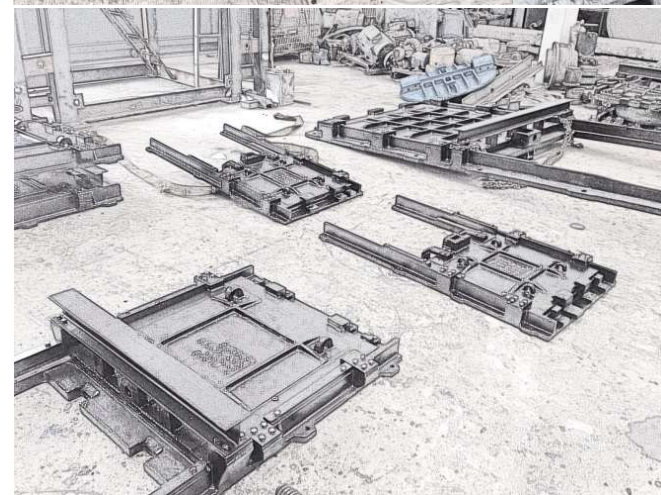




Catalog



BUTTERFLY VALVE
BUTTERFLY CHECK VALVE
GATE VALVE
KNIFE GATE VALVE
FOOT VALVE
AIR VALVE
CHECK VALVE
FLAP VALVE
SLUICE GATE
Y-STRAINER
T-STRAINER
DOUBLE FLANGED 45/90 BENDS
DOUBLE FLANGED TAPERS
FLANGED SOCKETS
ALL FLANGED TEES
ALL FLANGED



CHAIPONG ENGINEERING CO.,LTD.

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Line ID : @chaipong





Chaipong Engineering Co.,Ltd. was established in 1974, producing cast iron and ductile iron valve under the trade mark CPE for waterworks and waste service, covering Sluice gate, Butterfly valve, Gate valve, Flap valve, Air Valve, Check valve and other, conformity with AWWA, JIS, TIS, DIN, BS and ISO standards.



Butterfly Valve

TIS 382 PN 6, 10, 16
BS 5155 PN 6, 10, 16
BS EN 593 PN 6, 10, 16
AWWA C504 class 75, 150, 250
MSS-SP-67 class 125, 150
Size DN80-1800 mm.
Page. 1



Gate Valve

TIS 256 PN 6, 10, 16
TIS 432 PN 6, 10, 16
DIN 3352 PN 10, 16
BS 5150 PN 6, 10, 16
BS EN 1171 PN 6, 10, 16
Size DN80-1000 mm.
Page. 2



Single Air Valve(25mm.)

Hi-speed Air Valve
Double Air Valve(80-150mm.)
JIS B 2063 PN 10, 16
TIS 1368 PN 10, 16
Size DN 100-200 mm.
Page. 8



Flap Valve

(Ref.)TIS 383 PN 6, 10, 16
Size DN 100-2000 mm.
Page. 4



Butterfly Check Valve Metal Seal

BS EN 593 PN 6, 10, 16
Size DN 150-1200 mm.
Page. 3



Swing Check Valve

BS 5153 PN 6, 10, 16, 25
TIS 383 PN 6, 10, 16
Size DN 80-800 mm.
Page. 7



Knife Gate Valve

Size DN 100-1800 mm.
Page. 10



Sluice Gate (Cast Iron)

AWWA C501, C560, C561
BS 7775
Size 300-2500 mm.
Page. 5



Foot Valve

(Ref.)TIS 383 PN 6, 10, 16
DN 100-1000 mm.
Page. 9



Surface Box

Butterfly Valve 400-1400 mm.
Gate Valve 80-1000 mm.
Air Valve 50-200 mm.
Page. 11



Y-Strainer

T-Strainer
DN 100-1000 mm.
Page. 12



Other Fitting

DN 80-1000 mm.

- Other products are also available such as fire hydrants, adjustable bell mouth, wall thimble and pipe fitting



ISO 9001
Quality Management
ISO 14001
Environmental
Management



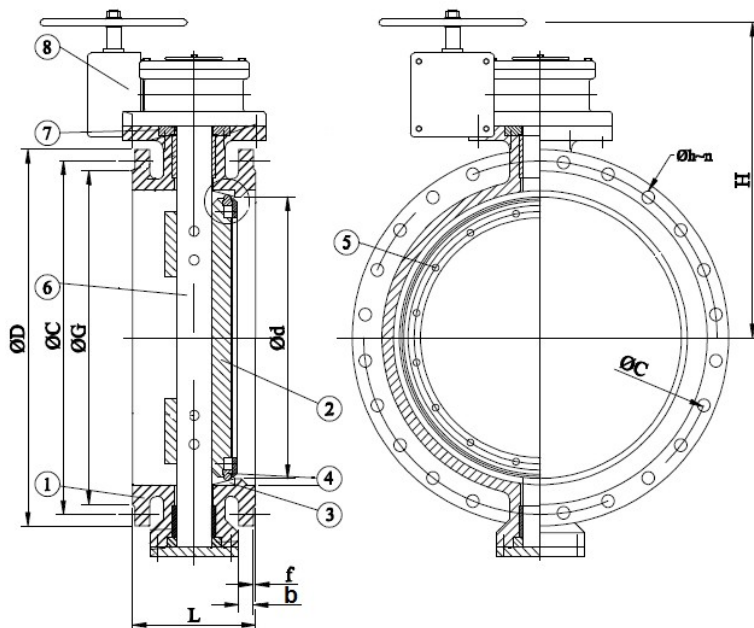
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email : chaipong_cpe@hotmail.com

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BUTTERFLY VALVE



Size	L	FLANGE DIMENSIONS						
		ØD	ØC	ØG	Øh	n	f	b
80	114	200	160	132	18	8	3	19
100	127	220	180	156	18	8	3	21
150	140	285	240	211	22	8	3	23
200	152	340	295	266	22	8	3	23
250	165	395	350	319	22	12	3	25
300	178	445	400	365	22	12	4	25
400	216	565	515	480	26	16	4	28
500	229	670	620	582	26	20	4	30
600	267	780	725	682	30	20	5	31
700	292	895	840	749	30	24	5	35
800	318	1015	950	901	33	24	5	39
900	330	1115	1050	1001	33	28	5	41
1000	410	1230	1160	1112	36	28	5	45
1200	470	1455	1380	1328	39	32	5	51
1400	530	1675	1590	1530	42	36	5	57
1500	565	1785	1700	1640	42	36	5	61
1800	670	2115	2020	1950	48	44	5	70

No.	PART NAME	MATERIAL	REFERENCE	Q' TY
1	Body	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
2	Disc	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
3	Body Seat Ring	Bronze	B 62	1
4	Disc Seat Ring	Rubber (NBR/EPDM)	D2000/JIS K6353 Class 2	1
5	Disc Seat Holder	Bronze	B 62	1
6	Shaft	Stainless Steel	A 276 Type 304	1
7	Bushing	Bronze	B 62	2
8	Gear Box	Cast Iron	A 126 Class B	1 Set



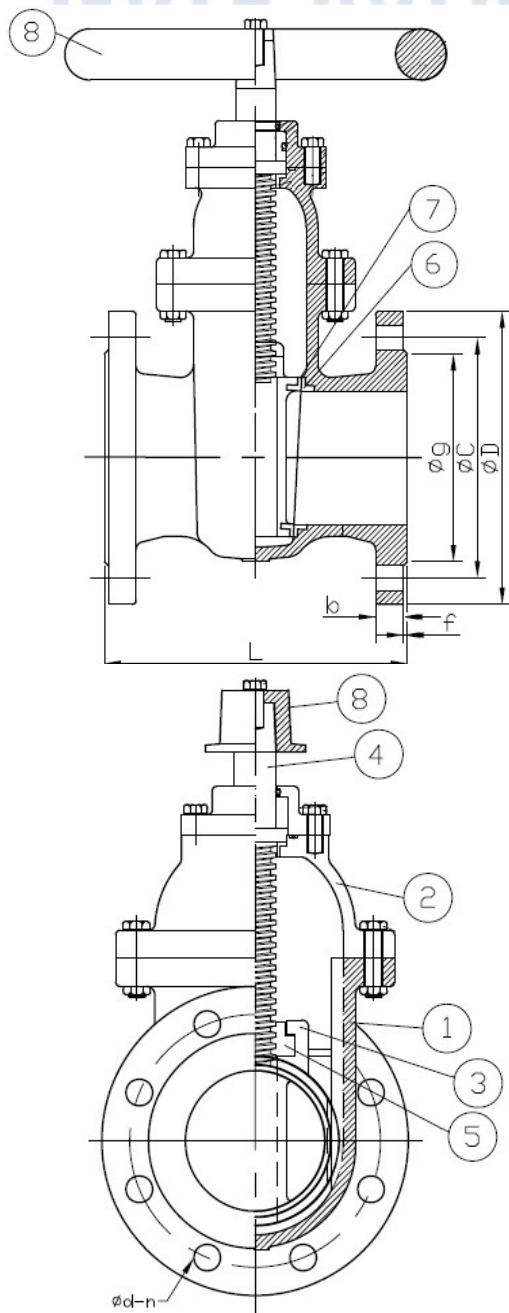
CHAIPONG ENGINEERING CO.,LTD.

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GATE VALVE



Size	L	FLANGE DIMENSIONS						
		ØD	ØC	ØG	Øh	n	f	b
80	203	200	160	132	18	8	3	19
100	229	220	180	156	18	8	3	21
150	267	285	240	211	22	8	3	23
200	292	340	295	266	22	8	3	23
250	330	395	350	319	22	12	3	25
300	356	445	400	365	22	12	4	25
350	381	505	460	427	23	16	4	26
400	406	565	515	480	26	16	4	28
500	457	670	620	582	26	20	4	30
600	508	780	725	682	30	20	5	31
700	610	895	840	749	30	24	5	35
800	660	1015	950	901	33	24	5	39
900	711	1115	1050	1001	33	28	5	41
1000	811	1230	1160	1112	36	28	5	45



ประตูน้ำบนดิน



ประตูน้ำใต้ดิน

No.	PART NAME	MATERIAL	REFERENCE	Q' TY
1	Body	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
2	Bonnet	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
3	Disc	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
4	Stem	Stainless Steel/Bronze	A 276 Type 304/B 21	1
5	Stem Nut	Bronze	B 62	1
6	Body Seat Ring	Bronze	B 62	1
7	Disc Seat Ring	Bronze	B 62	1
8	Hand wheel or Cap	Cast Iron	A 126 Class B	1



CHAIPONG ENGINEERING CO.,LTD.

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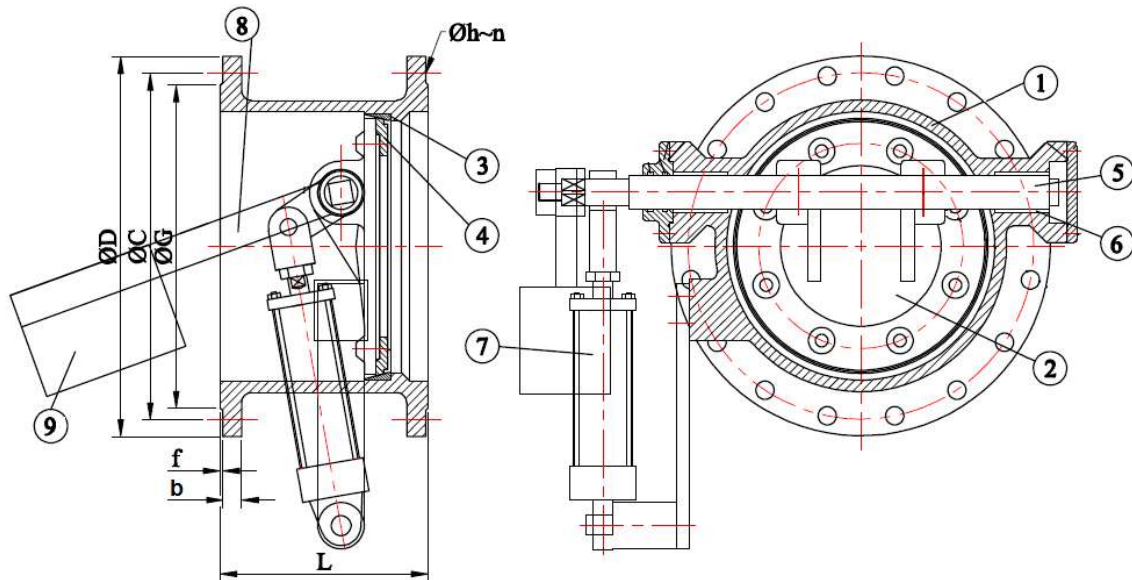
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BUTTERFLY CHECK VALVE



Size	L	FLANGE DIMENSIONS						
		ØD	ØC	ØG	Øh	n	f	b
100	190	220	180	158	18	8	3	21
150	210	285	240	212	22	8	3	23
200	230	340	295	268	22	8	3	23
250	250	395	350	320	22	12	3	25
300	270	445	400	370	22	12	4	25
400	310	565	515	482	26	16	4	28
500	350	670	620	585	26	20	4	30
600	390	780	725	682	30	20	5	31
700	430	895	840	749	30	24	5	35
800	470	1015	950	901	33	24	5	39
900	510	1115	1050	1004	33	28	5	41



No.	PART NAME	MATERIAL	REFERENCE	Q' TY
1	Body	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
2	Disc	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
3	Body Seat Ring	Stainless Steel	A 276 Type 304	1
4	Disc Seat Ring	Stainless Steel	A 276 Type 304	1
5	Shaft	Stainless Steel	A 276 Type 304	1
6	Bushing	Bronze	B 62	2
7	Oil Dash Pot	-	-	1 set
8	Wight Arm	Steel	SS 400	1
9	Wight	Cast Iron	A 126 Class B	1



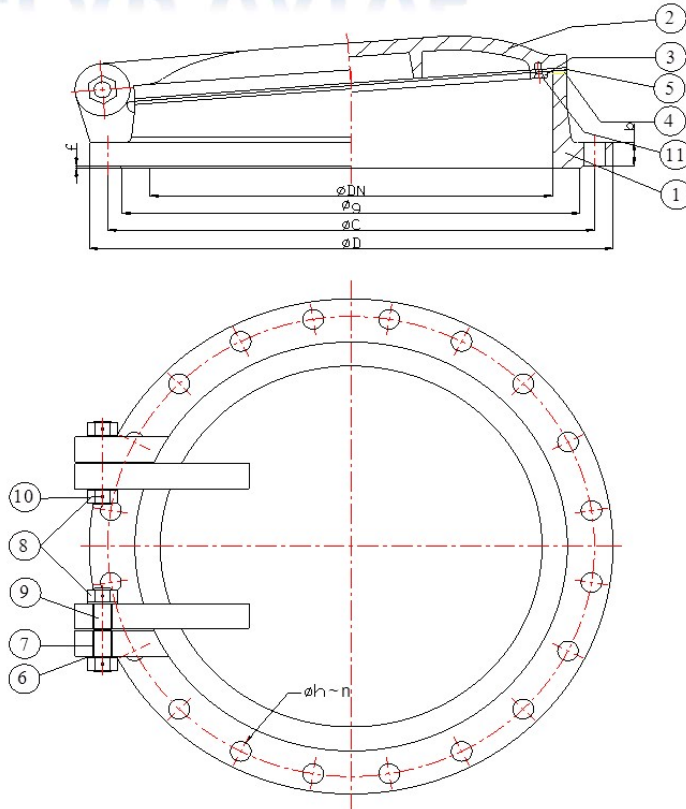
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Line ID : @chaipong

FLAP VALVE



Size	ØD	ØC	ØDN	Øh	n	b
100	220	180	100	18	8	21
150	285	240	150	22	8	23
200	340	295	200	22	8	23
250	395	350	250	22	12	25
300	445	400	300	22	12	25
400	565	515	400	26	16	28
500	670	620	500	26	20	30
600	780	725	600	30	20	31
700	895	840	700	30	24	35
800	1015	950	800	33	24	39
900	1115	1050	900	33	28	41
1000	1230	1160	1000	36	28	45
1200	1455	1380	1200	39	32	51
1500	1785	1700	1500	43	36	61
1800	2115	2020	1800	49	44	70
2000	2325	2230	2000	49	48	75

No.	PART NAME	MATERIAL	REFERENCE	Q' TY
1	Body	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
2	Disc	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
3	Seat Hoder	Stainless Steel	A 276 Type 304	1
4	Body Seat Ring	Bronze	B 62	1
5	Disc Seat Ring	Rubber (NBR)	D2000	1
6	Thurst Bearing	Bronze	B 62	1
7	Bushing	Bronze	B 62	1 set
8	Hinge Pin Nut	Stainless Steel	A 276 Type 304	1 set
9	Hinge Pin	Stainless Steel	A 276 Type 304	2
10	Pin	Stainless Steel	A 276 Type 304	1 set
11	Seat Hoder Bolt	Stainless Steel	A 276 Type 304	1 set



* Square Flap Valve also available



ISO 9001
Quality Management
ISO 14001
Environmental
Management



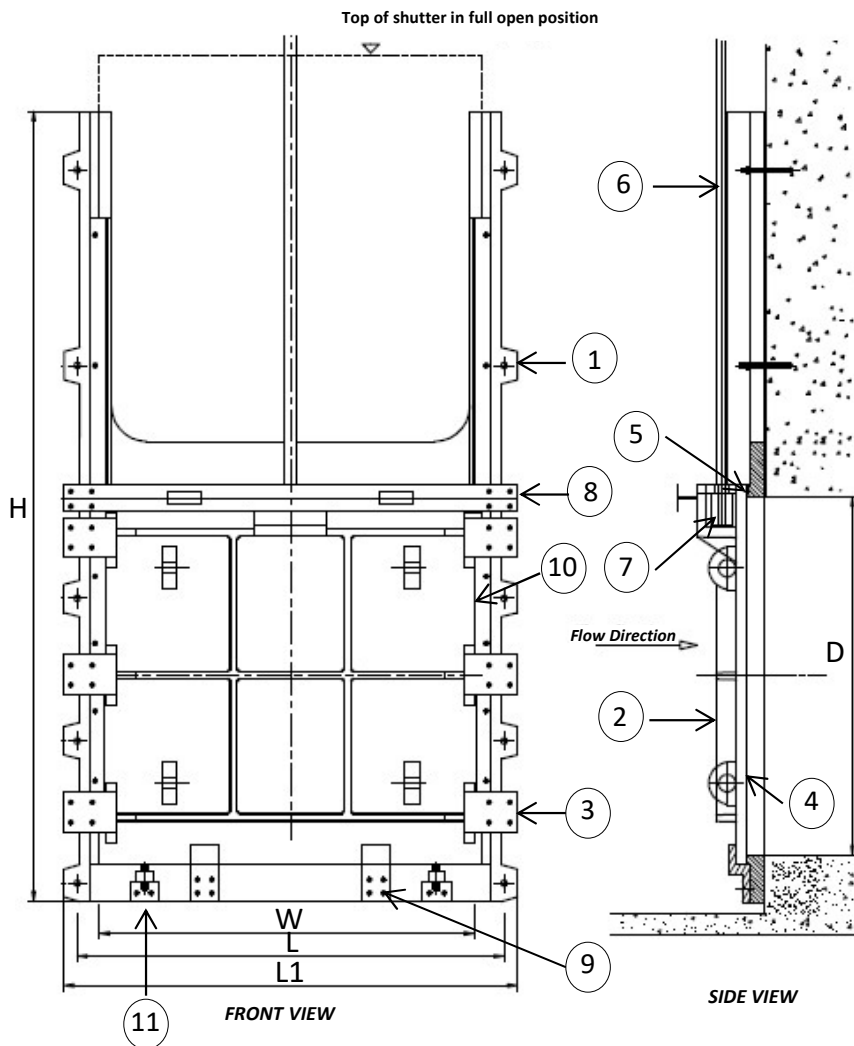
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Line ID : @chaipong

SLUICE GATE



W x D	H	L1	L
300x300	760	460	425
400x400	880	600	550
500x500	1085	725	680
600x600	1460	810	760
700x700	1680	930	855
800x800	1790	1050	995
900x900	1630	1230	1130
1000x1000	2200	1300	1210
1200x1200	2450	1432	1366
1300x1300	2700	1500	1450
1400x1400	3000	1754	1644
1500x1500	3000	1840	1750
1800x1800	3700	2274	2140
2000x2000	4200	2400	2300
2500x2500	4485	2960	2800

หมายเหตุ สามารถผลิตได้ขนาดที่ระบุตามช่องน้ำผ่าน และสามารถเปลี่ยนวัสดุเป็นวัสดุอื่นได้ เช่น Stainless Steel ขึ้นอยู่กับข้อกำหนดและความต้องการของลูกค้า

No.	PART NAME	MATERIAL	REFERENCE
1	Frame	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B
2	Disc	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B
3	Side Wedge	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B
4	Frame Seat	Bronze	B 62
5	Disc Seat	Bronze	B 62
6	Stem	Stainless Steel	A 276 Type 304
7	Thrust Nut	Bronze	B 62
8	H Beam Wedge	Steel	-
9	Bottom Wedge	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B
10	Side bar	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B
11	Stopper	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B



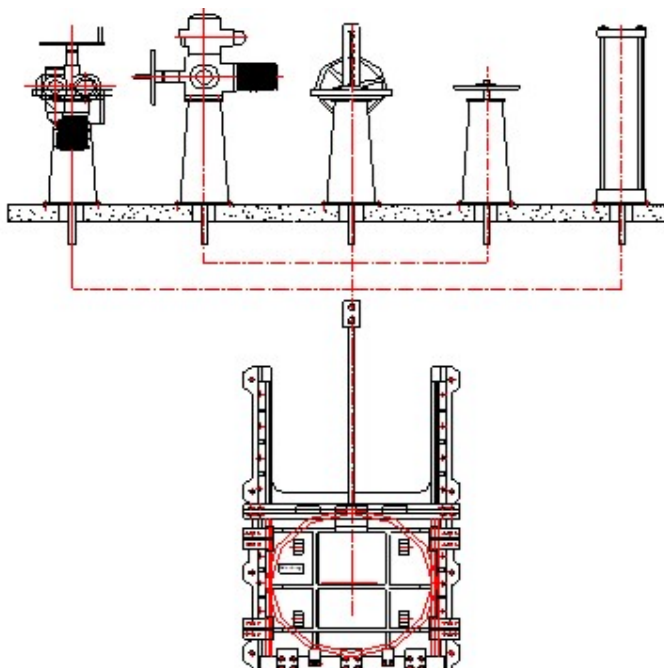
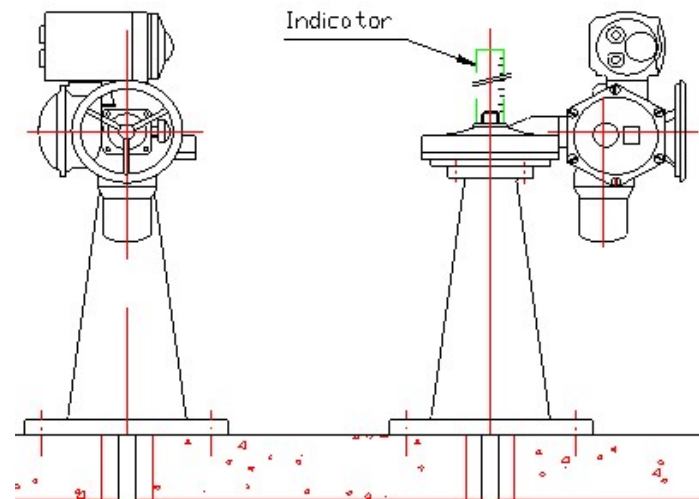
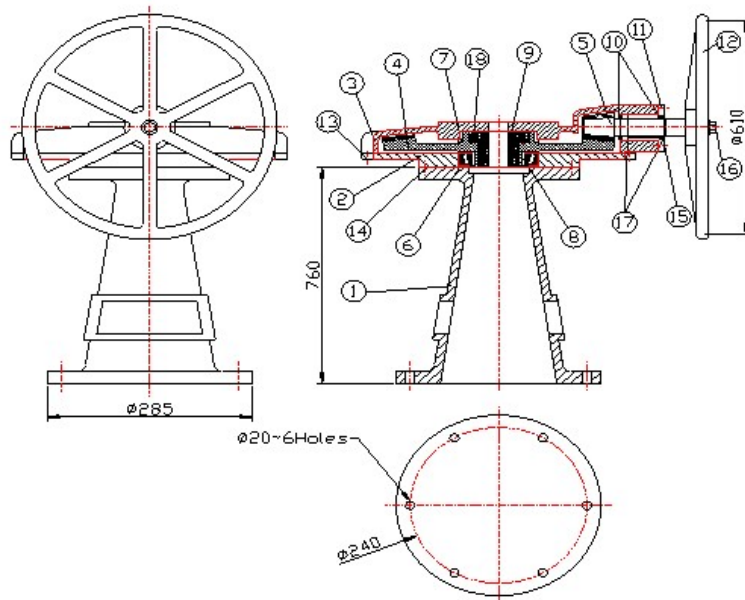
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STAND & GEAR



No.	PARTS NAME	MATERIAL	REFERENCE
1	Stand	Cast Iron	A 126 Class B
2	Body	Cast Iron	A 126 Class B
3	Cover	Cast Iron	A 126 Class B
4	Bevel Gear	Cast Iron	A 126 Class B
5	Bevel Pinion	Steel	A 307 Grade B
6	Ball Bearing	-	No. 30318
7	Upper Bushing	Bronze	BC 6
8	Lower Bushing	Bronze	BC 6
9	Drive Bush	Bronze	BC 6
10	Ball Bearing	-	No. 6007
11	End Cover	Cast Iron	A 126 Class B
12	Hand Wheel	Cast Iron	A 126 Class B
13	Bolt for Cover	Steel	A 307 Grade B
14	Bolt for Body	Steel	A 307 Grade B
15	Bolt for End Cover	Steel	A 307 Grade B
16	Nut for Hand Wheel	Steel	A 307 Grade B



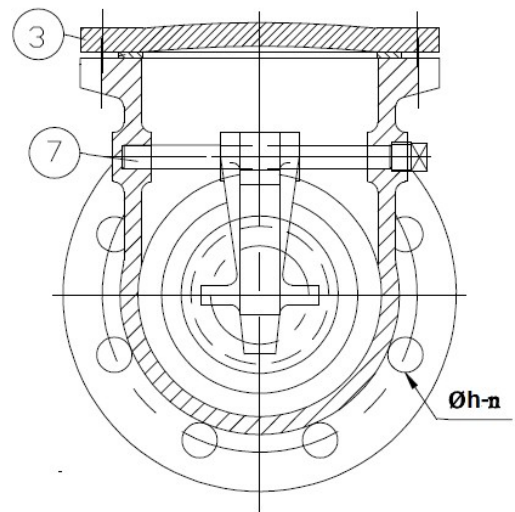
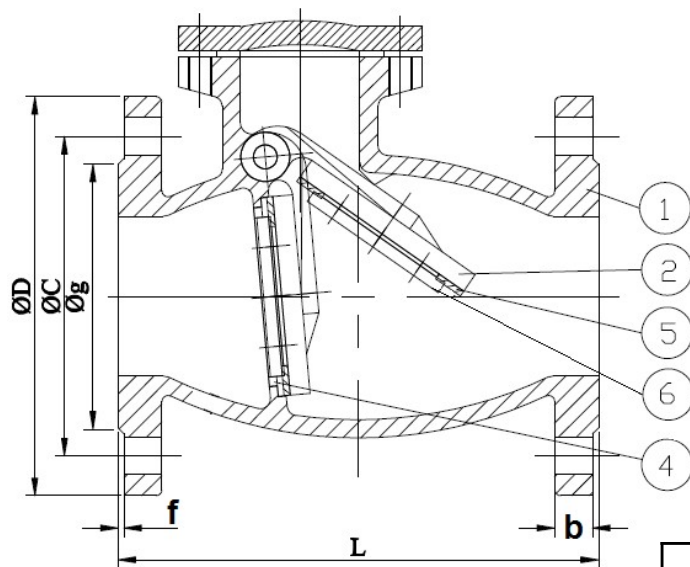
CHAIPONG ENGINEERING CO.,LTD.

Tel : 02-482-1526-7 Fax : 02-019-8911

email : chaipong_cpe@hotmail.com

Line ID : @chaipong

CHECK VALVE



Size	L	FLANGE DIMENSIONS						
		ØD	ØC	ØG	Øh	n	f	b
80	241	200	160	132	18	8	3	19
100	292	220	180	158	18	8	3	21
150	356	285	240	212	22	8	3	23
200	495	340	295	268	22	8	3	23
250	622	395	350	320	22	12	3	25
300	698	445	400	370	22	12	4	25
400	914	565	515	482	26	16	4	28
500	1067	670	620	585	26	20	4	30
600	1219	780	725	682	30	20	5	31
700	1448	895	840	749	30	24	5	35
800	1680	1015	950	901	33	24	5	39
900	1919	1115	1050	1004	33	28	5	41
1000	2250	1230	1160	1112	36	28	5	45

No.	PART NAME	MATERIAL	REFERENCE	Q' TY
1	Body	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
2	Disc	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
3	Cover	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
4	Body Seat Ring	Bronze	B 62	1
5	Disc Seat Ring	Rubber (NBR)	D2000	1
6	Disc Seat Holder	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
7	Hinge Pin	Stainless Steel	A 276 Type 304	1



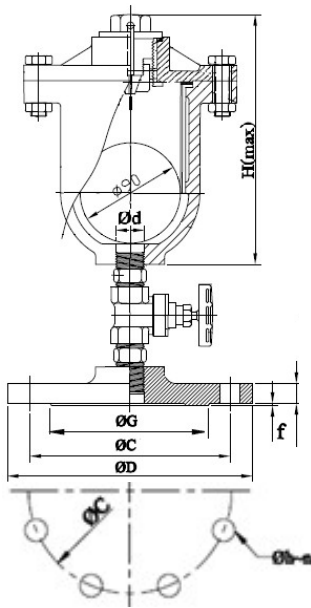
CHAIPONG ENGINEERING CO.,LTD.

Tel : 02-482-1526-7 Fax : 02-019-8911

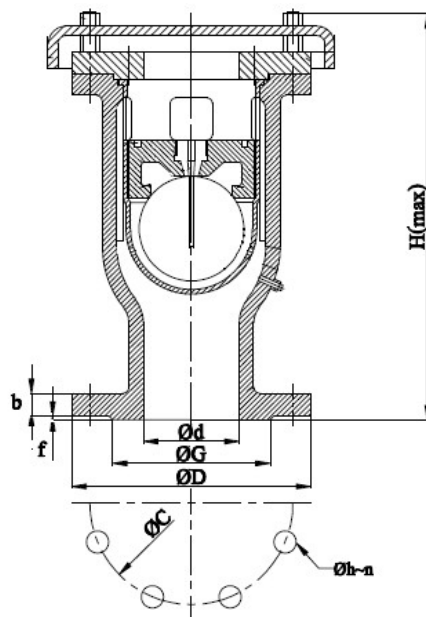
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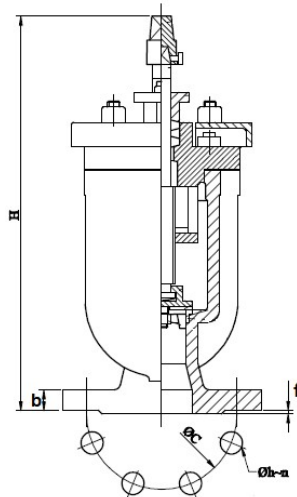
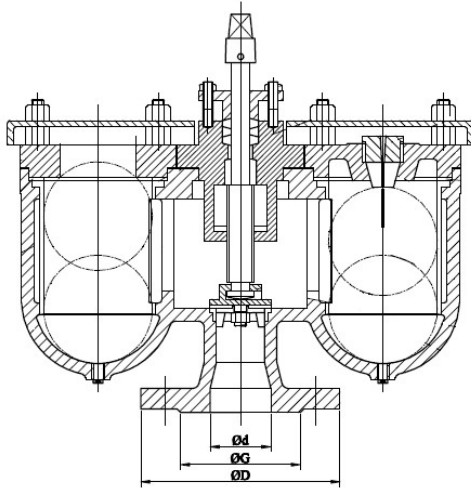
AIR VALVE



Single Air Valve



High Speed Air Valve



Double Air Valve

Type	Size Ød	H Max.	FLANGE DIMENSIONS						
			ØD	ØC	ØG	Øh	n	f	b
Single Air Valve	25	220	220	180	158	19	8	3	19
Double Air Valve	50	463	220	180	156	19	8	3	19
	80	485	220	180	156	19	8	3	19
	100	565	220	180	156	23	8	3	19
	150	660	285	240	211	23	8	3	21
	200	-	340	295	264	23	8	3	23
High Speed Air Valve	50	250	165	125	99	19	4	3	17
	80	320	200	160	132	19	8	3	19
	100	410	220	180	156	19	8	3	21
	150	500	285	240	211	23	8	3	23
	200	550	340	295	266	23	12	3	27
	250	550	395	350	319	23	12	3	27



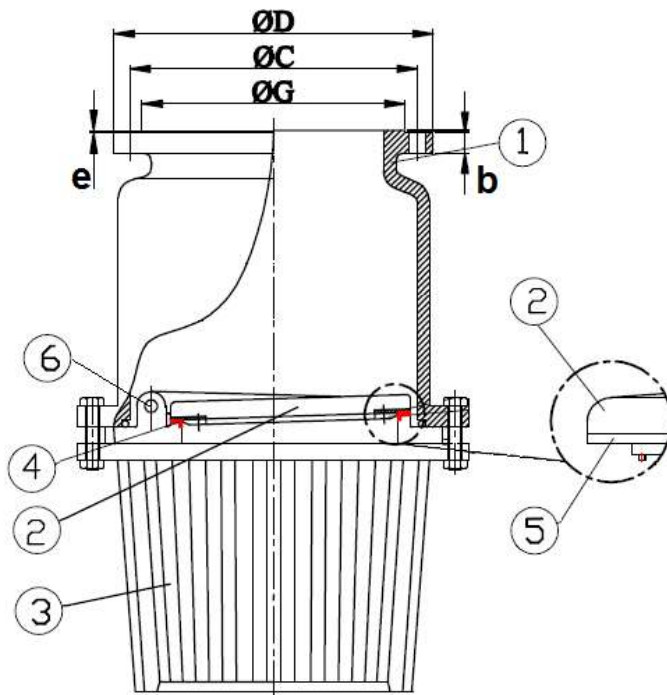
CHAIPONG ENGINEERING CO.,LTD.

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FOOT VALVE



Size	$\varnothing D$	$\varnothing C$	$\varnothing G$	$\varnothing h$	n	e	b
80	200	160	132	18	8	3	19
100	220	180	156	18	8	3	21
150	285	240	211	22	8	3	23
200	340	295	266	22	8	3	23
250	395	350	319	22	12	3	25
300	445	400	365	22	12	4	25
350	505	460	472	23	16	4	28
400	565	515	480	26	16	4	28
500	670	620	582	26	20	4	30
600	780	725	682	30	20	5	31

No.	PART NAME	MATERIAL	REFERENCE	Q' TY
1	Body	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
2	Disc	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
3	Strainer	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B	1
4	Body Seat Ring	Bronze	B 62	1
5	Disc Seat Ring	Rubber (NBR)	D2000	1
6	Hinge Pin	Stainless Steel	A 276 Type 304	1



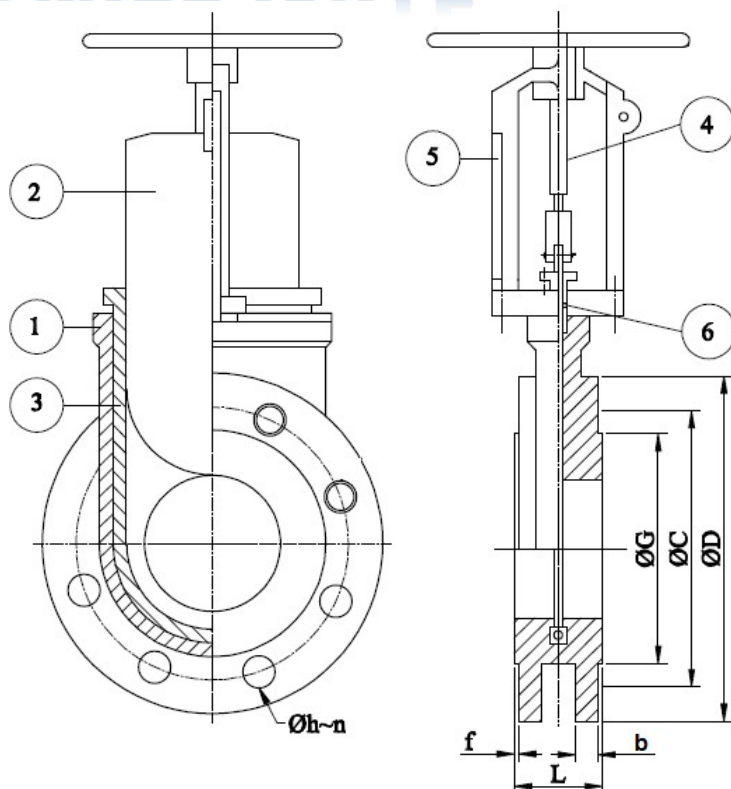
CHAIPONG ENGINEERING CO.,LTD.

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KNIFE GATE



Size	L	FLANGE DIMENSIONS						
		ØD	ØC	ØG	Øh	n	f	b
80	51	200	160	132	18	8	3	19
100	51	220	180	156	18	8	3	21
150	57	285	240	211	22	8	3	23
200	70	340	295	266	22	8	3	23
250	70	395	350	319	22	12	3	25
300	76	445	400	365	22	12	3	25
400	89	565	515	480	26	16	3	28
500	114	670	620	582	26	20	3	30
600	114	780	725	682	30	20	3	31
700	140	895	840	749	30	24	3	35
800	140	1015	950	901	33	24	3	39
900	170	1115	1050	1001	33	28	3	41
1000	170	1230	1160	1112	36	28	3	45

No.	PART NAME	MATERIAL	REFERENCE
1	Body	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B
2	Disc	Stainless Steel	A 276 Type 304
3	Body Seat Ring	Rubber (NBR)	D2000
4	Stem	Stainless Steel	A 276 Type 304
5	Yoke	Ductile Iron/Cast Iron	A 536 Grade 65/A 126 Class B
6	Packing	Asbestos	-



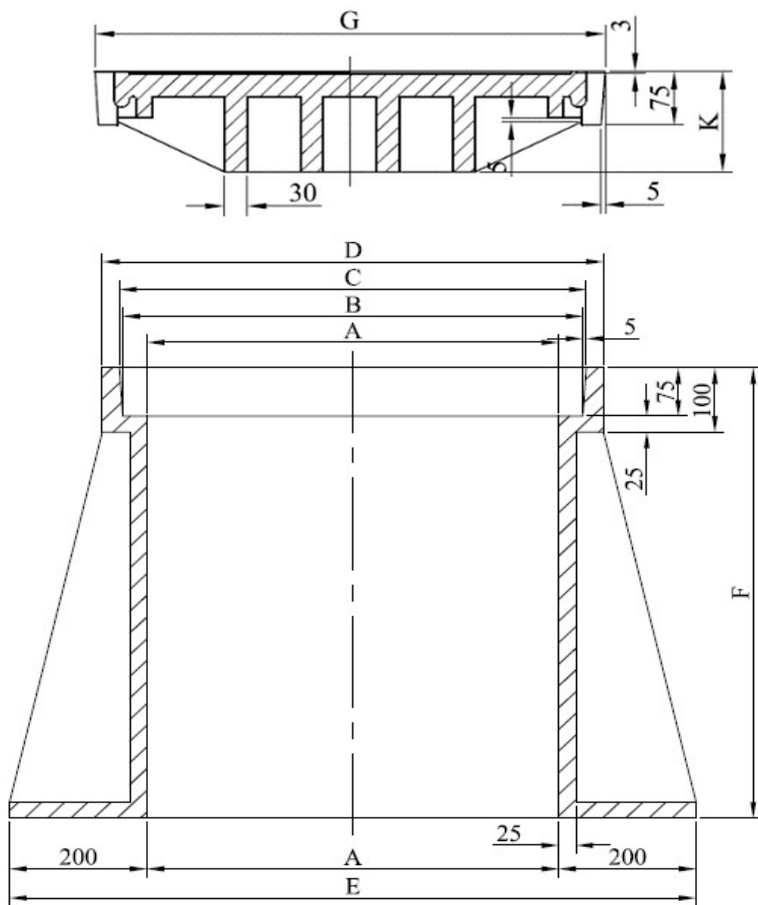
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SURFACE BOX



Size	G	K	A	B	C	D	E	F	for Butterfly Valve Size	for Air Valve Size
600	670	140	600	670	680	730	1000	700	400-600	50-80
800	870	140	800	870	880	930	1200	700	700-900	100-150
1000	1070	180	1000	1070	1080	1130	1400	800	1000-1500	-
1200	1270	180	1200	1270	1280	1330	1600	800	1800	-
1400	1470	210	1400	1470	1480	1530	1800	925		-

หมายเหตุ

- วัสดุตัวเรือนเป็นเหล็กหล่อ Cast iron
- วัสดุฝาเป็นเหล็กหล่อ Cast iron
- ความสูงของหีบถุญแจ (F) สามารถปรับเปลี่ยนได้ตามลูกค้ากำหนด



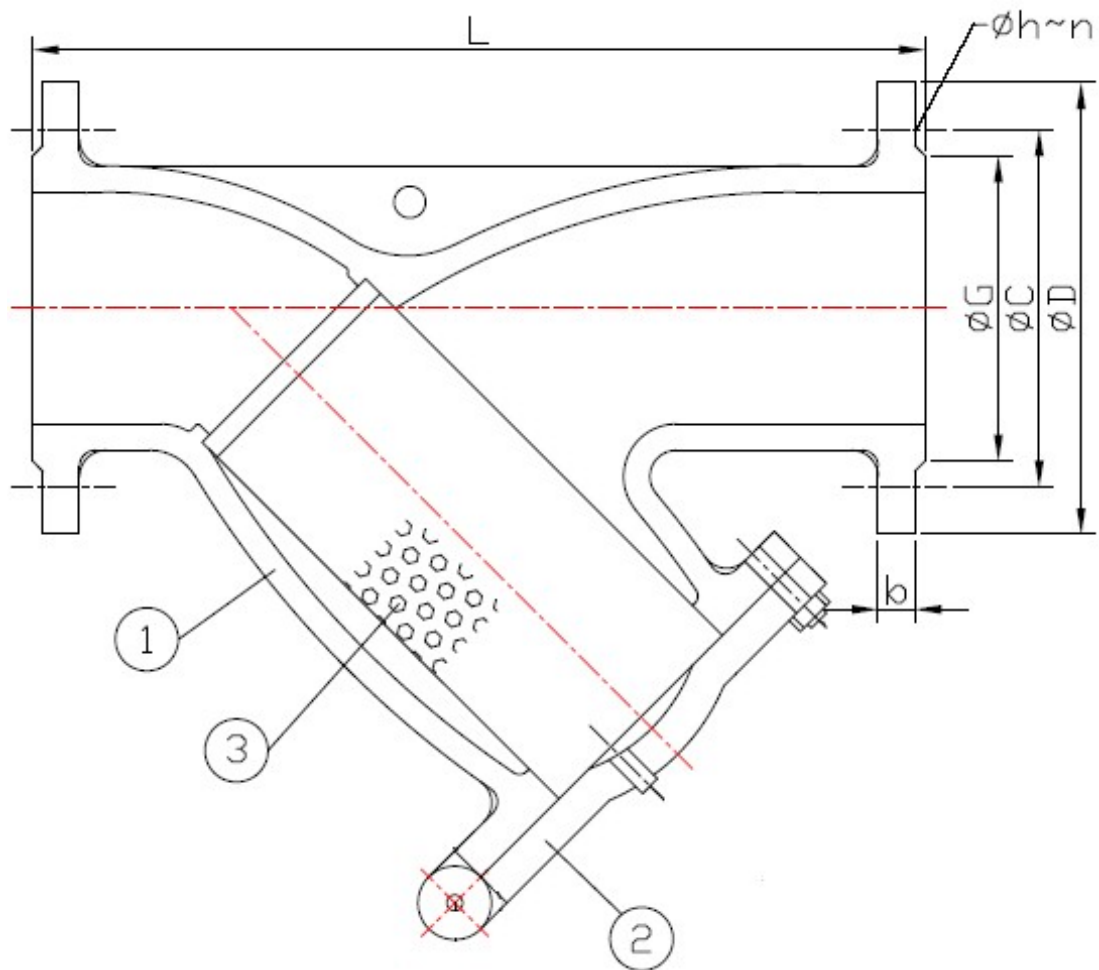
CHAIPONG ENGINEERING CO.,LTD.

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Y-STRAINER



Size	L	FLANGE DIMENSIONS						
		ØD	ØC	ØG	Øh	n	f	b
100	370	220	180	156	18	8	3	21
150	490	285	240	211	22	8	3	23
200	570	340	295	266	22	8	3	23
250	680	395	350	319	22	12	3	25
300	800	445	400	365	22	12	3	25
400	900	565	515	480	26	16	3	28
500	1000	670	620	582	26	20	3	30
600	1100	780	725	682	30	20	3	31
700	1200	895	840	749	30	24	3	35
800	1300	1015	950	901	33	24	3	39
900	1400	1115	1050	1001	33	28	3	41
1000	1500	1230	1160	1112	36	28	3	45



* T-Strainer also available

No.	PART NAME	MATERIAL	REFERENCE
1	Body	Cast Iron	A 126 Class B
2	Cover	Cast Iron	A 126 Class B
3	Strainer	Stainless Steel	A 276 Type 304



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