

STAINLESS STEEL VALVES



HWC

HWC 주식회사 해원금속

HAE WON METAL CO., LTD homepage : <http://www.haewonvalve.co.kr>

(주)해원금속은 1987년 10월 25일 산업밸브 전문 제조회사로 설립되었습니다.

당사는 스테인리스 밸브를 전문으로 생산하며 스트레이너와 유니온 생산으로 시작하여 현재는 볼 밸브, 게이트 밸브, 스윙체크 밸브, 글로브 밸브, 디스크(판) 체크 밸브, 후드 밸브까지 생산하고 있으며 소구경 밸브에서부터 대구경 화학 플랜트용 밸브 등을 연구하며 지속적인 신제품 개발과 품질개선에 힘쓰고 있습니다.

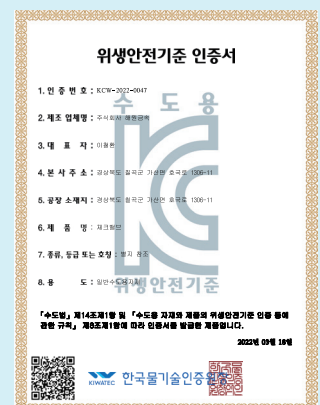
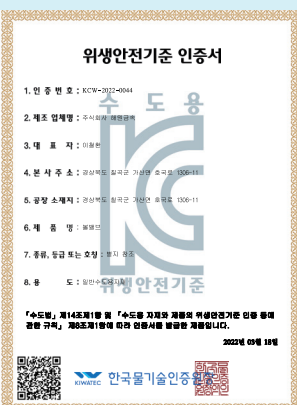
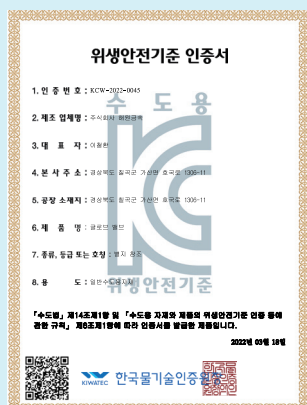
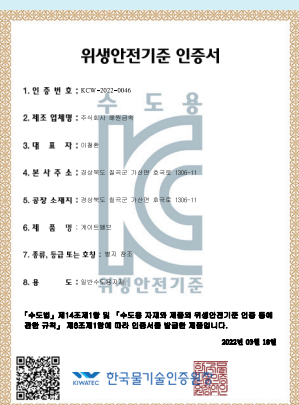
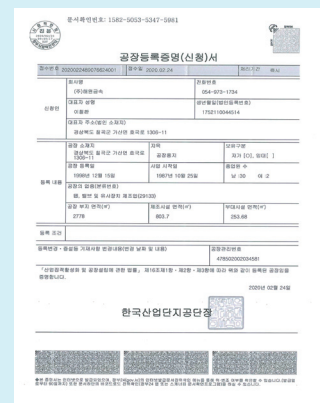
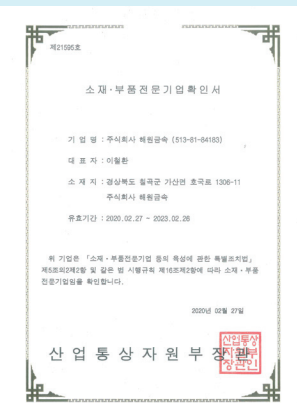
항상 최고의 품질을 유지하기 위해 고객들의 요구사항과 개선사항을 겸허히 수렴하고 고객에게 최고의 신뢰를 줄 수 있는 제품을 생산하기 위해 안전과 품질을 위한 기술향상을 경영이념으로 삼아 전 임직원이 함께 국제사회의 요구사항인 High Quality & Low Price를 이루어 낼 수 있도록 최선의 노력을 다하여 최고의 밸브전문회사로 경제발전에 이바지 하겠습니다.

On October 25, 1987, Hae Won Metals Co., Ltd. (HWC) was established as a special industrial valve manufacturing company.

We specialized in production of stainless steel valves, starting with strainer and union and now producing ball valves, gate valves, swing check valves, globe valves, disc (pan) check valves and foot valves. Small caliber valve to big caliber valve, plant valves, etc. We are constantly developing new products and improving the quality.

In order to maintain the highest quality at all times, we will humbly collect the requirements and improvements of our customers and manufacture products that will give the best trust to our customers. We will improve our technology for safety and quality as our management philosophy. We will devote our best efforts to achieve the high quality & low price which is the requirement, and contribute to economic development as the best valve specializing company.

해원금속은 최고품질의 밸브만을 연구합니다.



회사 연혁 Company Profile

Oct. 25. 1987.	Hae Won Metal Co., Ltd. (HWC) at 644 SanKyuk-Dong, Buk-Gu Daegu Korea. (Produced parts of ball valve.)
Mar. 01. 1988.	Developed and produced strainer. (Screwed & Flanged end-SC, BC) and Union (10A-80A).
Jul. 10. 1993.	Expanded spot and produced flange (15A-300A).
Oct. 01. 1994.	Manufactureed swing check valve and tank gage valve.
Oct. 16. 1995.	Developed and produced gate valve. (Screwed & Flanged end-NRS).
May. 13. 1996.	Expanded and moved 87-2, Paldal-Dong Daegu korea. Produced gate valve (OS&Y). Produced Petrochemical performance valve. Melting SCS16, SCS17, Alloy20.
Apr. 05. 1997.	Started manufacturing dual check valve (50A-300A). Developed globe valve (Flanged end-SB)-(15A-100A).
Oct. 13. 1997.	Produced disc(pan)-check valve (15A-100A).
Nov. 28. 1997.	Moved 445 Haksan-Ri Gasan-Myeon Chilgok-Gun gyeong sangbuk-do Korea.
Mar. 19. 1998.	Developed and produced globe valve. (Screwed end & Bolted bonnet) and foot valve (Flanged end).
Jun. 10. 1999.	Developed and produced ball valve. (Screwed & Flanged end)
Jun. 16. 2005.	ISO 9001:2008 Certified Company
Jul. 01. 2014.	Incorporation of HWC (Hae Won Metal Co.,Ltd.)
Oct. 30. 2017.	Completion of product warehouse at 1306-09, Hokuk-Ro, Gassan-Myeon, Chilgok-gun, Gyeong sangbuk-do Korea.
Mar. 01. 2018.	Produced 20K & 300LB Grade valve. (Ball valve, Gate valve, Globe valve, Check valve, Disc (Pan)Check valve.).

제품 목차 Product contents

▶ Ball Valve

Screwed End. (One-Piece.) Reduced Bore.	8A ~ 50A	4 page
Screwed End. (Two-Piece.) Reduced Bore	8A ~ 50A	4 page
Flanged End. (Two-Piece.) 10K Floating Type. Full Bore.	15A ~ 300A	5 page
Flanged End. (Two-Piece.) 20K Floating Type. Full Bore.	15A ~ 200A	6 page
Flanged End. (Three-Piece.) Trunnion Type. Full Bore.	350A ~ 400A	7 page
Flanged End. (Two-Piece.) Butt Welding Type. Full Bore.	15A ~ 100A	8 page

▶ Gate Valve

Flanged End. (Screwed Bonnet, Full Port, NRS.)	15A ~ 50A	8 page
Flanged End. (Screwed Bonnet, Full Port, NRS.)	15A ~ 100A	9 page
Flanged End. (Bolted Bonnet, Full Port, OS&Y.)	15A ~ 650A	9~10 page

▶ Globe Valve

Screwed End. (Screwed Bonnet, Reduced Port.)	15A ~ 50A	11 page
Flanged End. (Screwed Bonnet, Full Port.)	15A ~ 100A	11 page
Flanged End. (Bolted Bonnet, Full Port.)	15A ~ 350A	12 page

▶ Swing Check Valve

Screwed End. (Screwed Cover, Full Port.)	15A ~ 50A	13 page
Flanged End. (Screwed Cover, Full Port.)	15A ~ 100A	13 page
Flanged End. (Bolted Cover, Full Port.)	15A ~ 350A	14 page

▶ Y-Strainer

Screwed End. (Screwed Cover, Full Port.)	10A ~ 50A	15 page
Flanged End. (Screwed Cover, Full Port.)	15A ~ 100A	15 page
Flanged End. (Bolted Cover, Full Port.)	15A ~ 400A	16 page

▶ Foot Valve

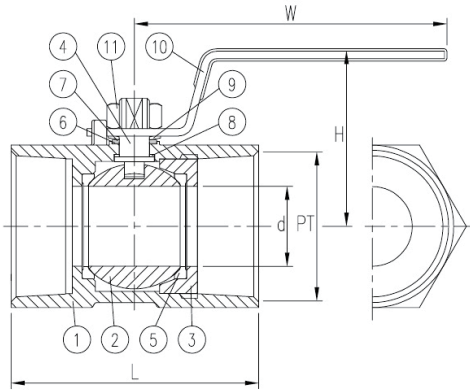
Flanged End. (Bolted Screen)	40A ~ 250A	16 page
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▶ Disc(Pan) Check Valve

Screwed End. (Screwed Cap.)	15A ~ 80A	17 page
Wafer End.	15A ~ 300A	17 page

One-Piece | Cast Stainless Steel Ball Valve

Screwed End Type



- Working Pressure : 10Kgf/cm² (0.98Mpa)
- Test : KS B 2308 / Shell Test & Leak Test.
- Face to Face Dimension : Manufacturer's Standards.
- Operation Type : Basic Handle, Butterfly Handle.
- KS B 0222 & JIS B 0203 Pipe Threaded PT ends.
- Packing & Gasket Material : Customer's Requirements.
- Reduced Bore
- Specification can be changed without notification.

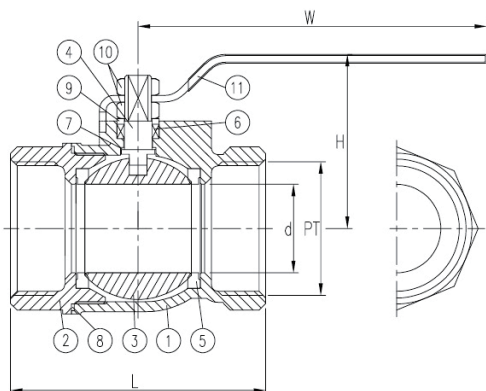
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL	
1	BODY	SCS13	
2	BALL	SUS304	SCS13
3	INSERT	SUS304	SCS13
4	STEM	SUS304	
5	SEAT	PTFE	
6	GLAND PACKING	PTFE	
7	GLAND WASHER	SUS304	
8	BACK PACKING	PTFE	
9	CONICAL WASHER	SUS304	
10	HANDLE	SUS304	
11	HANDLE NUT	SUS304	
12			

MM	8A	10A	15A	20A	25A	32A	40A	50A	65A	80A	100A
L : FACE TO FACE	40	45	54.5	59	70	76	82	99			
H : VALVE HEIGHT	30	35	40	45	50	55	65	70			
W : HANDLE LENGTH	70	70	84	84	100	100	124	124			
d : PORT DIAMETER	5	7.5	9	12.5	16	20	24.5	32			
THREADED PT	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"			

Two-Piece | Cast Stainless Steel Ball Valve

Screwed End Type



- Working Pressure : 10Kgf/cm² (0.98Mpa)
- Test : KS B 2308 / Shell Test & Leak Test.
- Face to Face Dimension : Manufacturer's Standards.
- Operation Type : Stainless Steel Plate Handle. (15A~50A)
- Operation Type : Ductile Cast Iron Handle. (65A~80A)
- KS B 0222 & JIS B 0203 Pipe Threaded PT ends.
- Packing & Gasket Material : Customer's Requirements.
- Reduced Bore
- Specification can be changed without notification.

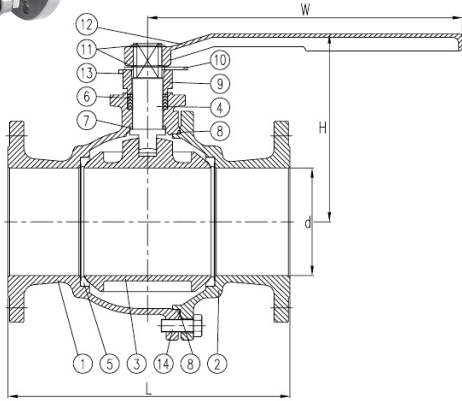
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	BALL	SUS304	SUS316	SUS316L
4	STEM	SCS13	SCS14	SCS16
5	SEAT	PTFE		
6	STEM PACKING	PTFE		
7	BACK PACKING	PTFE		
8	GASKET	PTFE		
9	WASHER	SUS304		
10	LOCK NUT	SUS304		
11	HANDLE	SUS304		

MM	8A	10A	15A	20A	25A	32A	40A	50A	65A	80A	100A
L : FACE TO FACE	48	48	59	68	83	91	100	115	130	155	
H : VALVE HEIGHT	30	37	43	45	55	59	69	75	109	121	
W : HANDLE LENGTH	70	70	108	108	117	117	158	158	160	160	
d : PORT DIAMETER	8	8	10	15	20	25	32	40	50	65	
THREADED PT	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	

Two-Piece | Cast Stainless Steel Ball Valve

Flanged End Type
Standard Operation



- Working Pressure : 10Kgf/cm² (0.98Mpa)
- Flanged Dimension : KS B 1511, ASME B 16.5.
- Face to Face Dimension : KS B 2308, ASME B 16.10.
- Test : KS B 2308, ASME B 16.34. / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : Ductile Cast Iron Handle. (15A~200A)
- Raised Face Flanged.
- Floating Type Ball Valve
- Locking Device Product.
- Specification can be changed without notification.

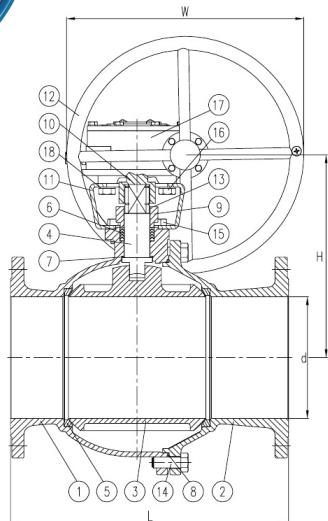
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	BALL	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	SEAT	PTFE RTFE (PTFE+GLASS 15%)		
6	GLAND PACKING	PTFE		
7	BACK PACKING	PTFE		
8	GASKET	PTFE		
9	GLAND	SUS304		
10	STOPPER	SUS304		
11	SNAP RING	SK85M		
12	HANDLE	FCD450		
13	HEX SOCKET BOLT	SUS304		
14	HEX BOLT	SUS304		

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A
L : FACE TO FACE	108	117	127	140	165	178	190	203	229	356	394	457
H : VALVE HEIGHT	77	81	92	95	110	116	135	165	180	240	260	275
W : HANDLE LENGTH	130	130	160	160	240	240	240	350	350	440	440	440
d : PORT DIAMETER	15	20	25	32	40	50	65	80	100	125	150	200

Two-Piece | Cast Stainless Steel Ball Valve

Flanged End Type
Gear Box Operation



- Working Pressure : 10Kgf/cm² (0.98Mpa)
- Flanged Dimension : KS B 1511, ASME B 16.5.
- Face to Face Dimension : KS B 2308, ASME B 16.10.
- Test : KS B 2308, ASME B 16.34. / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : Gear Box Operation
- Locking Device Product.
- Raised Face Flanged.
- Floating Type Ball Valve
- Specification can be changed without notification.

INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	BALL	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	SEAT	PTFE RTFE (PTFE+GLASS 15%)		
6	GLAND PACKING	PTFE		
7	BACK PACKING	PTFE		
8	GASKET	PTFE		
9	GLAND	SUS304		
10	COUPLING	SUS304		
11	BRACKET	SS400		
12	HANDLE	FCD450		
13	HEX BOLT	SUS304		
14	HEX BOLT	SUS304		
15	HEX BOLT	SUS304		
16	HEX BOLT	SUS304		
17	GEARBOX	FCD450		
18	SPRING WASHER	SUS304		

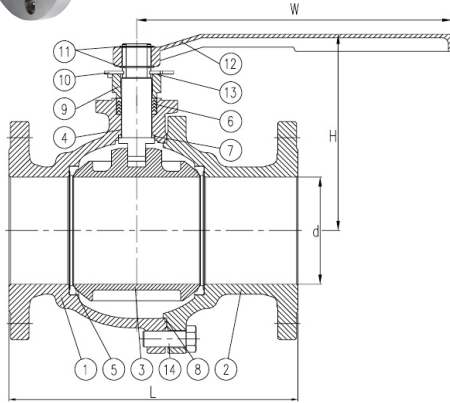
INCH	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"
MM	50A	65A	80A	100A	125A	150A	200A	250A	300A	350A	400A	450A
L : FACE TO FACE	178	190	203	229	356	394	457	533	610			
H : VALVE HEIGHT	167	180	229	250	264	287	333	432	468			
W : HANDLE DIAMETER	200	200	250	250	300	300	400	500	500			
d : PORT DIAMETER	50	65	80	100	125	150	200	250	300			

NOTE About 150LB

This page table above is for 10K specifications.
For the 150LB standard, only the flange standard such as flange thickness and outer diameter is changed.
L: Face to Face, H: Valve Height, W: Handle length are the same for 10K and 150LB.
For flange specifications, please refer to KS B 1511 and ASME B 16.5.
The material of 150LB complies with ASTM standards such as A351, A276, A351, A193.

Two-Piece | Cast Stainless Steel Ball Valve

Flanged End Type
Standard Operation



- Working Pressure : 20Kgf/cm² (1.96Mpa)
- Flanged Dimension : KS B 1511, ASME B 16.5.
- Face to Face Dimension : KS B 2308, ASME B 16.10.
- Test : KS B 2308, ASME B 16.34. / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : Ductile Cast Iron Handle.
- Raised Face Flanged.
- Floating Type Ball Valve
- Locking Device Product.
- Specification can be changed without notification.

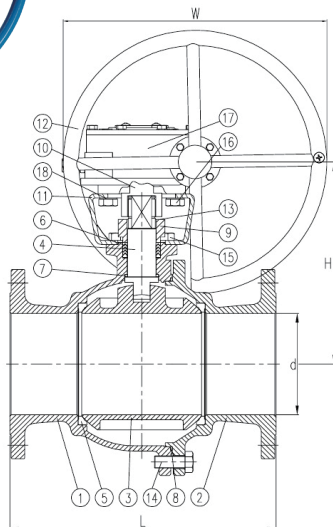
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	BALL	SUS304	SUS316	SUS316L
4	STEM	SCS13	SCS14	SCS16
5	SEAT	SUS304	SUS316	SUS316L
6	GLAND PACKING	PTFE		
7	BACK PACKING	PTFE		
8	GASKET	PTFE		
9	GLAND BUSH	SUS304		
10	GLAND	SUS304		
11	STOPPER	SUS304		
12	SNAP RING	SK85M		
13	HANDLE	FCD450		
14	HEX SOCKET BOLT	SUS304		
15	HEX BOLT	SUS304		

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A
L : FACE TO FACE	140	152	165	178	190	216	241	283	305	381	403	502
H : VALVE HEIGHT	78	89	91	100	116	130	150	188	206	258	285	325
W : HANDLE LENGTH	130	130	160	160	240	240	240	350	350	440	440	440
d : PORT DIAMETER	15	20	25	32	40	50	65	80	100	125	150	200

Two-Piece | Cast Stainless Steel Ball Valve

Flanged End Type
Gear Box Operation



- Working Pressure : 20Kgf/cm² (1.96Mpa)
- Flanged Dimension : KS B 1511, ASME B 16.5.
- Face to Face Dimension : KS B 2308, ASME B 16.10.
- Test : KS B 2308, ASME B 16.34. / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : Gear Box Operation
- Raised Face Flanged.
- Floating Type Ball Valve
- Locking Device Product.
- Specification can be changed without notification.

INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	BALL	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	SEAT	RTFE (PTFE+GLASS 15%)		
6	GLAND PACKING	PTFE		
7	BACK PACKING	PTFE		
8	GASKET	PTFE		
9	GLAND	SUS304		
10	COUPLING	SUS304		
11	BRACKET	SS400		
12	HANDLE	FCD450		
13	HEX BOLT	SUS304		
14	HEX BOLT	SUS304		
15	HEX BOLT	SUS304		
16	HEX BOLT	SUS304		
17	GEARBOX	FCD450		
18	SPRING WASHER	SUS304		

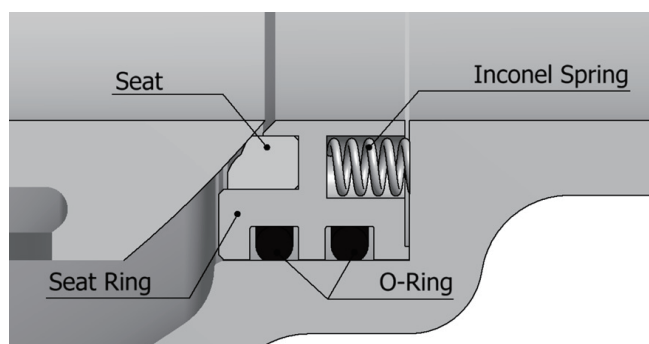
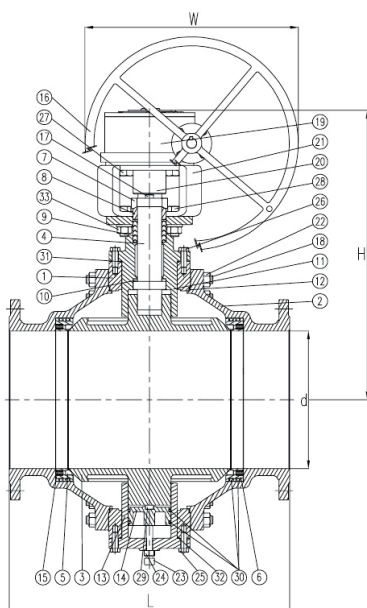
INCH	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"
MM	50A	65A	80A	100A	125A	150A	200A	250A	300A	350A	400A	450A
L : FACE TO FACE					381	403	502					
H : VALVE HEIGHT					272	292	345					
W : HANDLE DIAMETER					300	300	400					
d : PORT DIAMETER					125	150	200					

NOTE About 300LB

This page table above is for 20K specifications.
For the 300LB standard, only the flange standard such as flange thickness and outer diameter is changed.
L: Face to Face, H: Valve Height, W: Handle length are the same for 20K and 300LB.
For flange specifications, please refer to KS B 1511 and ASME B 16.5.
The material of 300LB complies with ASTM standards such as A351, A276, A351, A193.

Three-Piece | Cast Stainless Steel Ball Valve

Flanged End Type
Gear Box Operation



- Working Pressure : 10Kgf/cm² (0.98Mpa)
- Flanged Dimension : KS B 1511, ASME B 16.5.
- Face to Face Dimension : KS B 2308, ASME B 16.10.
- Test : KS B 2308, ASME B 16.34. / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : Gear Box Operation
- Raised Face Flanged.
- Locking Device Product.
- Trunnion Type Ball Valve
- Specification can be changed without notification.

INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	BALL	SCS13	SCS14	SCS16
4	STEM	SUS304		
5	SEAT	RTFE (PTFE+GLASS 15%)		
6	SEAT RING	SCS13	SCS14	SCS16
7	GLAND	SCS13		
8	GLAND RING	SUS304		
9	GLAND PACKING	PTFE		
10	BACK PACKING	PTFE		
11	STEM HOUSING	SCS13	SCS14	SCS16
12	GASKET	PTFE		
13	PISTON HOUSING	SCS13	SCS14	SCS16
14	PISTON	SCS13	SCS14	SCS16
15	INCONEL SPRING	INCONEL X-750		
16	HANDLE	FCD450		
17	GLAND BOLT	SUS304		
18	STUD BOLT	SUS304		
19	GEAR BOX	FCD450		
20	COUPLING	SCS13		
21	BRACKET	FCD450		
22	STUD BOLT NUT	SUS304		
23	PISTON BOLT	SUS304		
24	PISTON NUT	SUS304		
25	P-HOUSING BOLT	SUS304		
26	S-HOUSING BOLT	SUS304		
27	GEAR BOX BOLT	SUS304		
28	BRACKET BOLT	SUS304		
29	LOW PAD	PTFE		
30	PISTON O-RING	NBR		
31	SEAT RING O-RING	NBR		
32	HOUSING GASKET	PTFE		
33	S-HOUSING GASKET	PTFE		
34	BRACKET NUT	SUS304		

INCH	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"
MM	50A	65A	80A	100A	125A	150A	200A	250A	300A	350A	400A	450A
L : FACE TO FACE										686	762	
H : VALVE HEIGHT										720	740	
W : HANDLE DIAMETER										500	500	
d : PORT DIAMETER										337	387	

NOTE About 150LB

This page table above is for 10K specifications.

For the 150LB standard, only the flange standard such as flange thickness and outer diameter is changed.

L: Face to Face, H: Valve Height, W: Handle length are the same for 10K and 150LB.

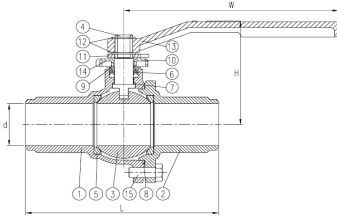
For flange specifications, please refer to KS B 1511 and ASME B 16.5.

The material of 150LB complies with ASTM standards such as A351, A276, A351, A193.

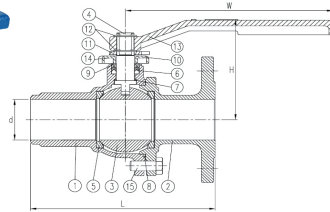
Two-Piece | Cast Stainless Steel Ball Valve

Butt Welding Type

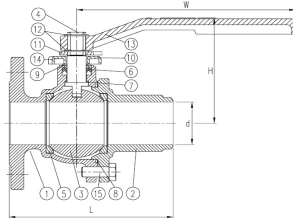
Butt Welding Type NO.1 (Butt Welding+Butt Welding)



Butt Welding Type NO.2 (Butt Welding+Flanged End)



Butt Welding Type NO.3 (Flanged End+Butt Welding)



- Working Pressure : 10Kgf/cm² (0.98Mpa)
- Flanged Dimension : KS B 1511, ASME B 16.5.
- Face to Face Dimension : KS B 2308, ASME B 16.10.
- Test : KS B 2308, ASME B 16.34. / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : Ductile Cast Iron Handle.
- Raised Face Flanged.
- Locking Device Product.
- Specification can be changed without notification.

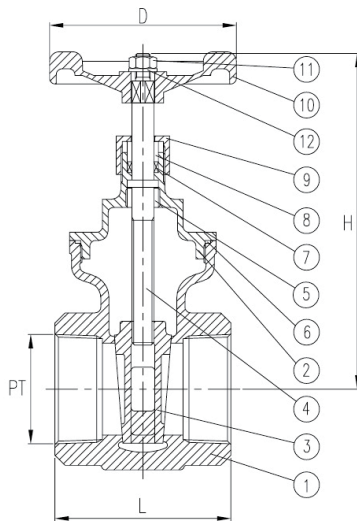
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	BALL	SUS304	SUS316	SUS316L
4	STEM	SCS13	SCS14	SCS16
5	SEAT	SUS304	SUS316	SUS316L
6	GLAND PACKING	PTFE		
7	BACK PACKING	PTFE		
8	GASKET	PTFE		
9	GLAND BUSH	SUS304		
10	GLAND	SUS304		
11	STOPPER	SUS304		
12	SNAP RING	SK85M		
13	HANDLE	FCD450		
14	HEX SOCKET BOLT	SUS304		
15	HEX BOLT	SUS304		

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A
NO.1 (B.W+B.W) / L : FACE TO FACE	140	152	165	178	190	216	241	282	305
NO.2 (B.W+F) / L : FACE TO FACE	133.5	144.5	157.5	167	191	214	229	255.5	282
NO.3 (F+B.W) / L : FACE TO FACE	114.5	124.5	134.5	151	164	180	202	229.5	252
H : VALVE HEIGHT	77	81	92	95	110	116	135	165	180
W : HANDLE LENGTH	130	130	160	160	240	240	240	350	350
d : PORT DIAMETER	15	20	25	32	40	50	65	80	100

Cast Stainless Steel Gate Valve

Screwed End Type
Screwed Bonnet - NRS



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Non Rising Stem.
- KS B 0222 & JIS B 0203 Pipe Threaded PT ends.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : ALDC 12.1 Hand Wheel.
- Specification can be changed without notification.

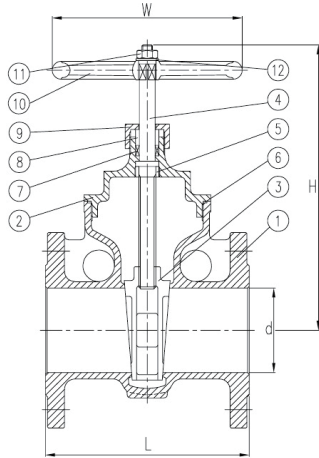
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	BONNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	INSERT	SUS304	SUS316	SUS316L
6	GASKET	PTFE		
7	PACKING	PTFE		
8	GLAND	SUS304		
9	GLAND NUT	SCS13		
10	HANDLE	ALDC 12.1		
11	HANDLE NUT	SUS304		
12	WASHER	SUS304		

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A
L : FACE TO FACE	60	65	70	80	86	96						
H : VALVE HEIGHT	105	122	142	149	164	185						
W : HANDLE DIAMETER	63	63	78	78	102	102						
THREADED PT	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"						

Cast Stainless Steel Gate Valve

Flanged End Type
Screwed Bonnet - NRS



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Non Rising Stem.
- Flanged Dimension : KS B 1511.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : ALDC 12.1 & Ductile Cast Iron Hand Wheel.
- Specification can be changed without notification.

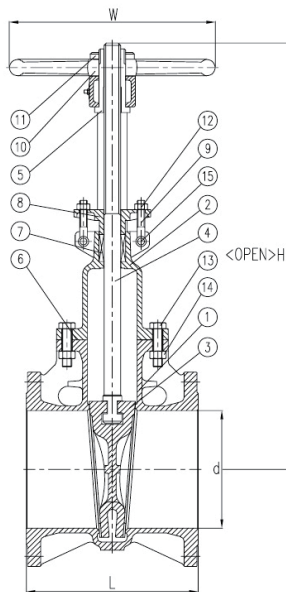
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	BONNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	INSERT	SUS304	SUS316	SUS316L
6	GASKET	PTFE		
7	PACKING	PTFE		
8	GLAND	SUS304		
9	GLAND NUT	SCS13		
10	HANDLE	ALDC 12.1	FCD450	
11	HANDLE NUT	SUS304		
12	WASHER	SUS304		

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A
L : FACE TO FACE	80	90	100	110	125	140	170	193	210			
H : VALVE HEIGHT	100	125	142	149	164	183	247	270	337			
W : HANDLE DIAMETER	63	63	100	100	125	140	160	180	200			
d : PORT DIAMETER	15	20	25	32	40	50	65	80	100			

Cast Stainless Steel Gate Valve

Flanged End Type
Bolted Bonnet - OS&Y



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Outside Screw & Yoke
- Raised Face Flanges.
- Flanged Dimension : KS B 1511, ASME B 16.5.
- Face to Face Dimension : KS B 2306, ASME B 16.10.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : Ductile Cast Iron Handle.
- Specification can be changed without notification.

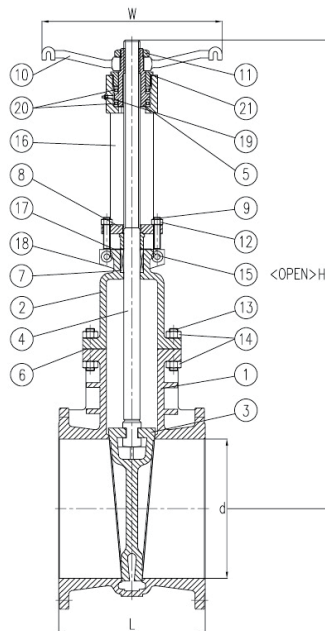
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	BONNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	YOKE SLEEVE	FCD450		
6	GASKET	PTFE	NON-ASBESTOS	
7	PACKING	PTFE		
8	GLAND	SCS13		
9	GLAND BOLT	SUS304		
10	HANDLE	FCD450		
11	WHEEL NUT	SCPH2		
12	GLAND NUT	SUS304		
13	BONNET BOLT	SUS304		
14	BONNET NUT	SUS304		
15	HINGE PIN	SUS304		
NOTE				

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A
L : FACE TO FACE	108	117	127	140	165	178	191	203	229	254	267	292
H : VALVE HEIGHT	188	206	232	257	287	360	410	421	546	625	740	948
W : HANDLE DIAMETER	100	100	125	125	160	160	160	180	240	240	300	355
d : PORT DIAMETER	15	20	25	32	40	50	65	80	100	125	150	200

Cast Stainless Steel Gate Valve

Flanged End Type
Bolted Bonnet - OS&Y



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Outside Screw & Yoke
- Raised Face Flanges.
- Flanged Dimension : KS B 1511, ASME B 16.5.
- Face to Face Dimension : KS B 2306, ASME B 16.10.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : Ductile Cast Iron Handle, Gear Box Operation.
- Specification can be changed without notification.

INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	BONNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	YOKE SLEEVE	FCD450		
6	GASKET	PTFE	NON-ASBESTOS	
7	PACKING	PTFE		
8	GLAND	SCS13		
9	GLAND BOLT	SUS304		
10	HANDLE	FCD450		
11	WHEEL NUT	SS41		
12	GLAND NUT	SUS304		
13	BONNET BOLT	SUS304		
14	BONNET NUT	SUS304		
15	HINGE PIN	SUS304		
16	YOKE	SCS13	SCS14	SCS16
17	YOKE BOLT	SUS304		
18	YOKE NUT	SUS304		
19	GREASE NIPPLE	BRASS		
20	THRUST BALL BEARING	-		
21	YOKE SLEEVE GLAND	SUS304		

NOTE

INCH	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	32"
MM	250A	300A	350A	400A	450A	500A	550A	600A	650A	700A	750A	800A
L : FACE TO FACE	330	356	381	406	432	457	483	508	559			
H : VALVE HEIGHT	1154	1325	1500	1700	1947	2095	2333	2717	2890			
W : HANDLE DIAMETER	400	450	400	500	500	500	630	630	710			
d : PORT DIAMETER	250	300	336.6	387.4	438.2	489	540	585.3	633			

NOTE About 150LB

This page table above is for 10K specifications.

For the 150LB standard, only the flange standard such as flange thickness and outer diameter is changed.

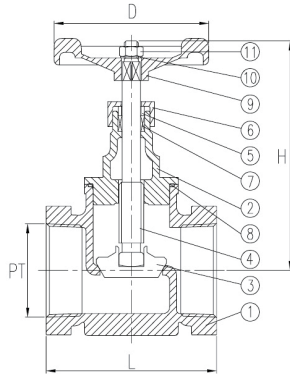
L: Face to Face, H: Valve Height, W: Handle length are the same for 10K and 150LB.

For flange specifications, please refer to KS B 1511 and ASME B 16.5.

The material of 150LB complies with ASTM standards such as A351, A276, A351, A193.

Cast Stainless Steel Globe Valve

Screwed End Type
Screwed Bonnet



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Screwed Bonnet
- KS B 0222 & JIS B 0203 Pipe Threaded PT ends.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : ALDC 12.1 Hand Wheel.
- Specification can be changed without notification.

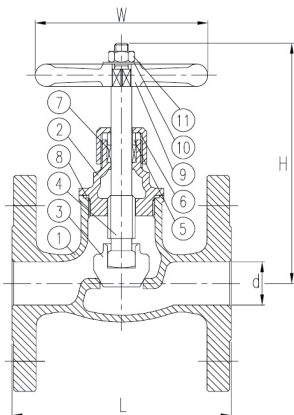
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	BONNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	GLAND	SUS304		
6	GLAND NUT	SCS13		
7	PACKING	PTFE		
8	GASKET	PTFE		
9	HANDLE	ALDC 12.1		
10	WASHER	SUS304		
11	HANDLE NUT	SUS304		

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A
L : FACE TO FACE	62	67	73	87	97	109						
H : VALVE HEIGHT	95	99	99	125	130	153						
W : HANDLE DIAMETER	63	63	63	78	78	102						
THREADED PT	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"						

Cast Stainless Steel Globe Valve

Flanged End Type
Screwed Bonnet



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Screwed Bonnet
- Raised Face Flanges.
- Flanged Dimension : KS B 1511.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : ALDC 12.1 & Ductile Cast Iron Hand Wheel.
- Specification can be changed without notification.

INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	BONNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	GLAND	SUS304		
6	GLAND NUT	SCS13		
7	PACKING	PTFE		
8	GASKET	PTFE		
9	HANDLE	ALDC 12.1	FCD450	
10	WASHER	SUS304		
11	HANDLE NUT	SUS304		

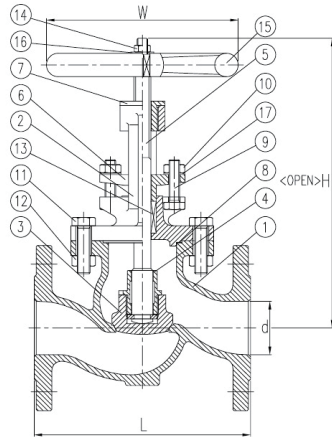
NOTE

NOTE 15A, 20A HANDLE MATERIAL IS ALDC 12.1 (FLOWER HANDLE)

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A
L : FACE TO FACE	108	117	127	140	165	203	216	241	292			
H : VALVE HEIGHT	110	113	139	148	169	185	220	243	308			
W : HANDLE DIAMETER	63	63	100	100	125	140	160	180	200			
d : PORT DIAMETER	15	20	25	32	40	50	65	80	100			

Cast Stainless Steel Globe Valve

Flanged End Type
Bolted Bonnet - OS&Y



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Outside Screw & Yoke
- Flanged Dimension : KS B 1511, ASME B 16.5.
- Face to Face Dimension : KS B 2306, ASME B 16.10.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : Ductile Cast Iron Hand Wheel.
- Specification can be changed without notification.

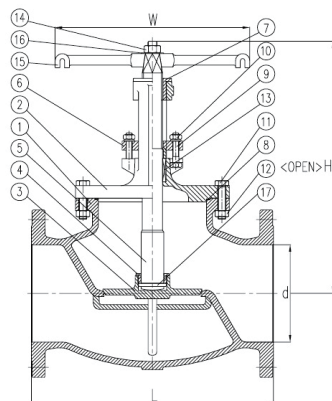
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	BONNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	DISC LOCK	SCS13	SCS14	SCS16
5	STEM	SUS304	SUS316	SUS316L
6	GLAND	SCS13		
7	SLEEVE	PBC		
8	GASKET	PTFE		
9	GLAND BOLT	SUS304		
10	GLAND NUT	SUS304		
11	BONNET BOLT	SUS304		
12	BONNET NUT	SUS304		
13	PACKING	PTFE		
14	HANDLE NUT	SUS304		
15	HANDLE	FCD450		
16	WASHER	SUS304		

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A
L : FACE TO FACE	108	117	127	140	165	203	216	241	292			
H : VALVE HEIGHT	177	193	221	243	279	296	321	367	427			
W : HANDLE DIAMETER	100	100	125	125	160	160	160	180	240			
d : PORT DIAMETER	15	20	25	32	40	50	65	80	100			

Cast Stainless Steel Globe Valve

Flanged End Type
Bolted Bonnet - OS&Y



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Outside Screw & Yoke
- Flanged Dimension : KS B 1511, ASME B 16.5.
- Face to Face Dimension : KS B 2306, ASME B 16.10.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Operation Type : Ductile Cast Iron Hand Wheel.
- Specification can be changed without notification.

INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	BONNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	DISC LOCK	SCS13	SCS14	SCS16
5	STEM	SUS304	SUS316	SUS316L
6	GLAND	SCS13		
7	SLEEVE	PBC		
8	GASKET	PTFE		
9	GLAND BOLT	SUS304		
10	GLAND NUT	SUS304		
11	BONNET BOLT	SUS304		
12	BONNET NUT	SUS304		
13	PACKING	PTFE		
14	HANDLE NUT	SUS304		
15	HANDLE	FCD450		
16	WASHER	SUS304		
17	STEM BUSH	SUS304		

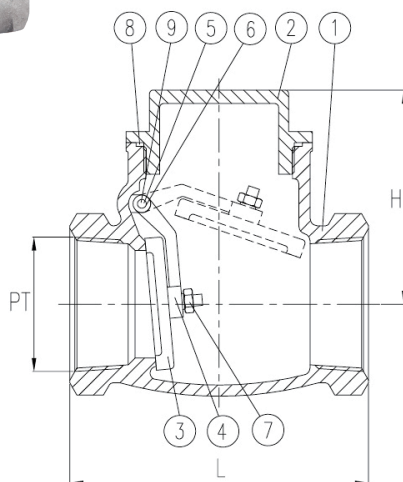
INCH	5"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"
MM	125A	150A	200A	250A	300A	350A	400A	450A	500A	550A	600A	650A
L : FACE TO FACE	356	406	495	622	698	787						
H : VALVE HEIGHT	498	517	665	685	808	1049						
W : HANDLE DIAMETER	240	300	355	400	450	500						
d : PORT DIAMETER	125	150	200	250	300	350						

NOTE About 150LB

This page table above is for 10K specifications.
For the 150LB standard, only the flange standard such as flange thickness and outer diameter is changed.
L: Face to Face, H: Valve Height, W: Handle length are the same for 10K and 150LB.
For flange specifications, please refer to KS B 1511 and ASME B 16.5.
The material of 150LB complies with ASTM standards such as A351, A276, A351, A193.

Cast Stainless Steel Swing Check Valve

Screwed End Type
Screwed Cover



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Screwed Cover
- KS B 0222 & JIS B 0203 Pipe Threaded PT ends.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Specification can be changed without notification

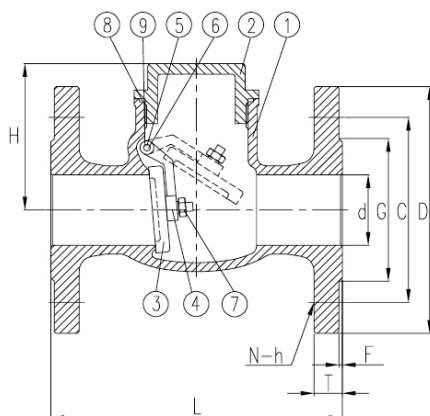
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	COVER	SCS13	SCS14	SCS16
3	DISC	SUS304	SUS316	SUS316L
		SCS13	SCS14	SCS16
4	ARM	SUS304	SUS316	SUS316L
		SCS13	SCS14	SCS16
5	HINGE PIN	SUS304	SUS316	SUS316L
6	HINGE BOLT	SUS304		
7	DISC NUT	SUS304	SUS316	SUS316L
8	GASKET	PTFE		
9	PACKING	PTFE		

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A
L : FACE TO FACE	65	72	89	106	112	133						
H : VALVE HEIGHT	51	55	61	75	83	96						
THREADED PT	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"						

Cast Stainless Steel Swing Check Valve

Flanged End Type
Screwed Cover



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Screwed Cover
- Raised Face Flanges.
- Flanged Dimension : KS B 1511.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Specification can be changed without notification.

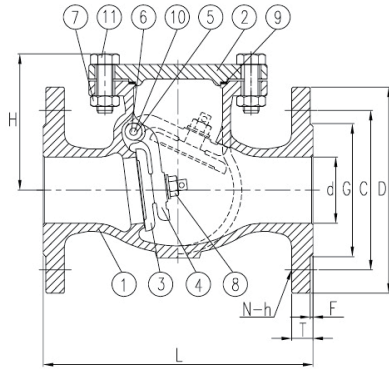
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	COVER	SCS13	SCS14	SCS16
3	DISC	SUS304	SUS316	SUS316L
		SCS13	SCS14	SCS16
4	ARM	SUS304	SUS316	SUS316L
		SCS13	SCS14	SCS16
5	HINGE PIN	SUS304	SUS316	SUS316L
6	HINGE BOLT	SUS304		
7	DISC NUT	SUS304	SUS316	SUS316L
8	GASKET	PTFE		
9	PACKING	PTFE		

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A
L : FACE TO FACE	108	117	127	140	165	203	216	241	292			
H : VALVE HEIGHT	54	59	65	75	83	96	110	125	145			
d : PORT DIAMETER	15	20	25	32	40	50	65	80	100			

Cast Stainless Steel Swing Check Valve

Flanged End Type
Bolted Cover



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Bolted Cover
- Raised Face Flanges.
- Flanged Dimension : KS B 1511, ASME B 16.5.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Specification can be changed without notification.

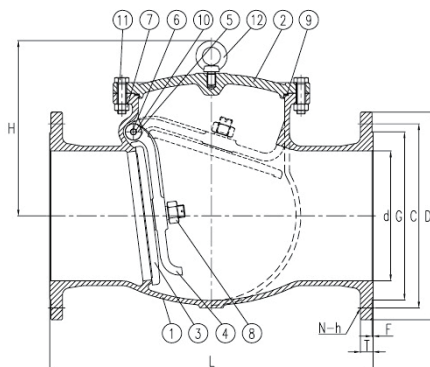
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	COVER	SCS13	SCS14	SCS16
3	DISC	SUS304	SUS316	SUS316L
		SCS13	SCS14	SCS16
4	ARM	SUS304	SUS316	SUS316L
5	HINGE PIN	SUS304	SUS316	SUS316L
6	HINGE BOLT	SUS304		
7	COVER BOLT NUT	SUS304		
8	DISC NUT	SUS304	SUS316	SUS316L
9	GASKET	PTFE		
10	PACKING	PTFE		
11	HEX BOLT	SUS304		

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A
L : FACE TO FACE	108	117	127	140	165	203	216	241	292	330	356	495
H : VALVE HEIGHT	61	66	76	86	95	103	113	128	147	220	244	274
d : PORT DIAMETER	15	20	25	32	40	50	65	80	100	125	150	200

Cast Stainless Steel Swing Check Valve

Flanged End Type
Bolted Cover



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Bolted Cover
- Raised Face Flanges.
- Flanged Dimension : KS B 1511, ASME B 16.5.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Specification can be changed without notification.

INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	COVER	SCS13	SCS14	SCS16
3	DISC	SUS304	SUS316	SUS316L
		SCS13	SCS14	SCS16
4	ARM	SUS304	SUS316	SUS316L
5	HINGE PIN	SUS304	SUS316	SUS316L
6	HINGE BOLT	SUS304		
7	COVER BOLT NUT	SUS304		
8	DISC NUT	SUS304	SUS316	SUS316L
9	GASKET	PTFE		
10	PACKING	PTFE		
11	HEX BOLT	SUS304		
12	EYE BOLT	SUS304		

INCH	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	32"
MM	250A	300A	350A	400A	450A	500A	550A	600A	650A	700A	750A	800A
L : FACE TO FACE	622	698	787									
H : VALVE HEIGHT	348	380	451									
d : PORT DIAMETER	250	300	334									

NOTE About 150LB

This page table above is for 10K specifications.

For the 150LB standard, only the flange standard such as flange thickness and outer diameter is changed.

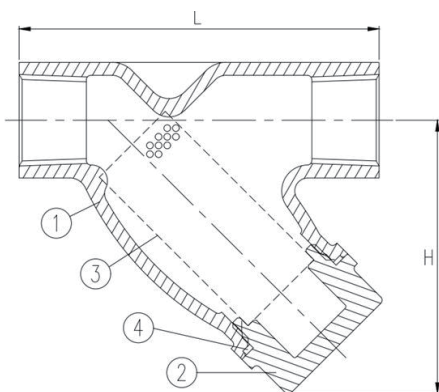
L: Face to Face, H: Valve Height, W: Handle length are the same for 10K and 150LB.

For flange specifications, please refer to KS B 1511 and ASME B 16.5.

The material of 150LB complies with ASTM standards such as A351, A276, A351, A193.

Cast Stainless Steel Y-Strainer

Screw End Type
Screw Cover



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Screw Cover
- KS B 0222 & JIS B 0203 Pipe Threaded PT ends.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Specification can be changed without notification.

INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	COVER	SCS13	SCS14	SCS16
3	SCREEN	SUS304	SUS316	SUS316L
4	GASKET	PTFE		

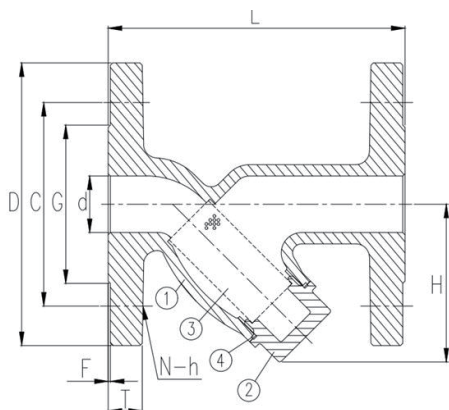
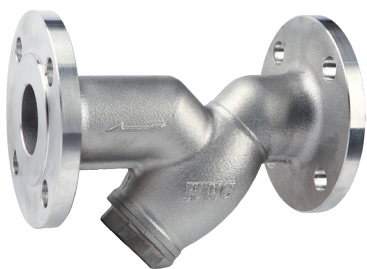
NOTE.

Screen-Punching Plate :
2.5Ø, Pitch 4.0 0.3T / Wire Cloth 40Mesh

INCH	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
MM	10A	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A
L : FACE TO FACE	74	83	91	106	126	141	171					
H : VALVE HEIGHT	54	63	70	83	98	118	133					
THREADED PT	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"					

Cast Stainless Steel Y-Strainer

Flanged End Type
Screw Cover



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Screw Cover
- Raised Face Flanges.
- Flanged Dimension : KS B 1511.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Specification can be changed without notification.

INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	COVER	SCS13	SCS14	SCS16
3	SCREEN	SUS304	SUS316	SUS316L
4	GASKET	PTFE		

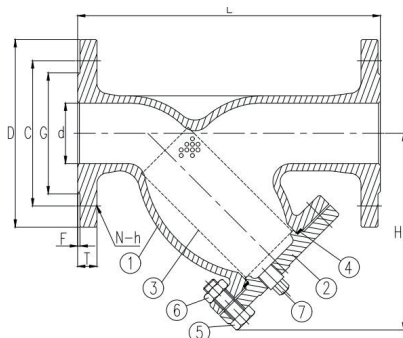
NOTE.

Screen-Punching Plate :
2.5Ø, Pitch 4.0 0.3T / Wire Cloth 40Mesh

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A
L : FACE TO FACE (Old Type)	104	118	131	149	175	191	213	307	363		
L : FACE TO FACE (New Type)	136	140	160	172	182	232	268	287	340		
H : VALVE HEIGHT	54	64	71	83	98	118	133	197	239		
d : PORT DIAMETER	15	20	25	32	40	50	65	80	100		

Cast Stainless Steel Y-Strainer

Flanged End Type
Bolted Cover



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Bolted Cover
- Raised Face Flanges.
- Flanged Dimension : KS B 1511.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Specification can be changed without notification.

INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	COVER	SCS13	SCS14	SCS16
3	SCREEN	SUS304	SUS316	SUS316L
4	GASKET	PTFE		
5	HEX BOLT	SUS304		
6	HEX BOLT NUT	SUS304		
7	DRAIN PLUG	SUS304	SUS316L	

NOTE.

Screen-Punching Plate : 15A~100A
2.5Ø, Pitch 4.0 0.3T / Wire Cloth 40Mesh
Screen-Punching Plate : 125A~400A
5.0Ø, Pitch 8.0 1.0T / Wire Cloth 40Mesh

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A
L : FACE TO FACE (Old Type)	135	140	160	200	200	250	300	320	380	480	550
L : FACE TO FACE (New Type)	136	140	160	200	200	232	268	287	340	392	438
H : VALVE HEIGHT	76	86	96	112	128	162	179	204	243	295	343
d : PORT DIAMETER	15	20	25	32	40	50	65	80	100	125	150

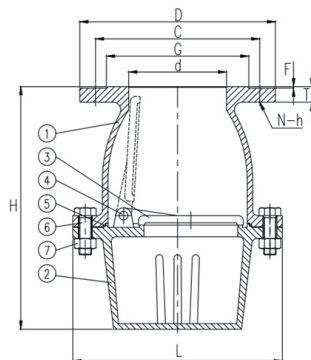
INCH	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"
MM	200A	250A	300A	350A	400A	450A	500A	550A	600A	650A	700A
L : FACE TO FACE (Old Type)	620	760	774	800	875						
L : FACE TO FACE (New Type)	540	673	774	800	875						
H : VALVE HEIGHT	415	512	550	615	682						
d : PORT DIAMETER	200	250	300	350	400						

NOTE About 150LB

This page table above is for 10K specifications.
For the 150LB standard, only the flange standard such as flange thickness and outer diameter is changed.
L: Face to Face, H: Valve Height, W: Handle length are the same for 10K and 150LB.
For flange specifications, please refer to KS B 1511 and ASME B 16.5.
The material of 150LB complies with ASTM standards such as A351, A276, A351, A193.

Cast Stainless Steel Foot Valve

Flanged End Type
Bolted Screen



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Bolted Cover
- Raised Face Flanges.
- Flanged Dimension : KS B 1511.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Specification can be changed without notification.

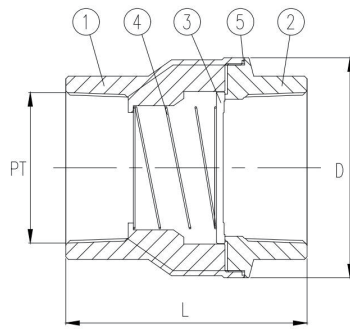
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL
1	BODY	SCS13
2	SCREEN	SCS13
3	DISC LOCK	SCS13
4	HINGE PIN	SUS304
5	GASKET	PTFE
6	HEX BOLT	SUS304
7	HEX BOLT NUT	SUS304
NOTE.		

INCH	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
MM	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A
L : FACE TO FACE				140	155	175	195	230	268	298	366	415
H : VALVE HEIGHT				154	177	199	216	264	311	359	411	502
d : PORT DIAMETER				40	50	65	80	100	125	150	200	250

Cast Stainless Steel DISC(Pan) Check Valve

Screwed End Type
Screwed Cap



- Working Pressure : 10Kgf/cm² (0.98Mpa).
- Screwed Cap
- KS B 0222 & JIS B 0203 Pipe Threaded PT ends.
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Packing & Gasket Material : Customer's Requirements.
- Specification can be changed without notification.

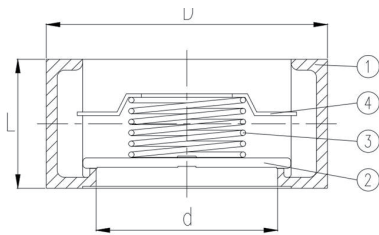
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL
1	BODY	SCS13
2	CAP	SCS13
3	DISC	SUS304
4	SPRING	SUS304
5	GASKET	PTFE
NOTE.		

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A
L : FACE TO FACE	55	62	74	85	89	103	117	141			
D : VALVE OUT DIAMETER	40	44	52	63	73	90	111	131			
THREADED PT	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"			

Cast Stainless Steel DISC(Pan) Check Valve

Wafer Type



- Working Pressure : 20Kgf/cm² (1.96Mpa).
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Specification can be changed without notification.

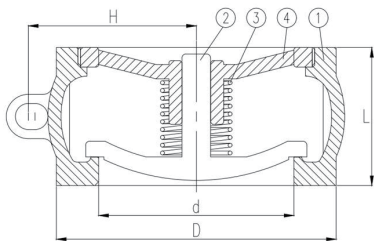
INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL
1	BODY	SCS13
2	DISC	SCS13
3	SPRING	SUS304
4	SPRING SEAT	SUS304
NOTE.		

INCH	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
MM	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A
L : FACE TO FACE	20	23	28	34	41	46	52	61	71		
D : VALVE OUT DIAMETER	53	58	70	80	85	100	120	130	155		
d : PORT DIAMETER	15	20	25	32	40	50	65	80	100		

Cast Stainless Steel DISC(Pan) Check Valve

Wafer Type



- Working Pressure : 20Kgf/cm² (1.96Mpa).
- Face to Face Dimension : Manufacturer's Standards.
- Test : KS B 2304 / Shell Test & Leak Test.
- Specification can be changed without notification.

INFORMATION OF PRODUCT PARTS

NO	PART NAME	MATERIAL
1	BODY	SCS13
2	DISC	SCS13
3	SPRING	SUS304
4	SPRING SEAT	SUS304
NOTE.		

INCH	5"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"
MM	125A	150A	200A	250A	300A	350A	400A	450A	500A	550A	600A
L : FACE TO FACE	90	106	140	170	192						
H : VALVE CENTER TO HOOK	111	129	164	197	223						
D : VALVE OUT DIAMETER	182	215	265	327	371						
d : PORT DIAMETER	125	150	200	250	300						

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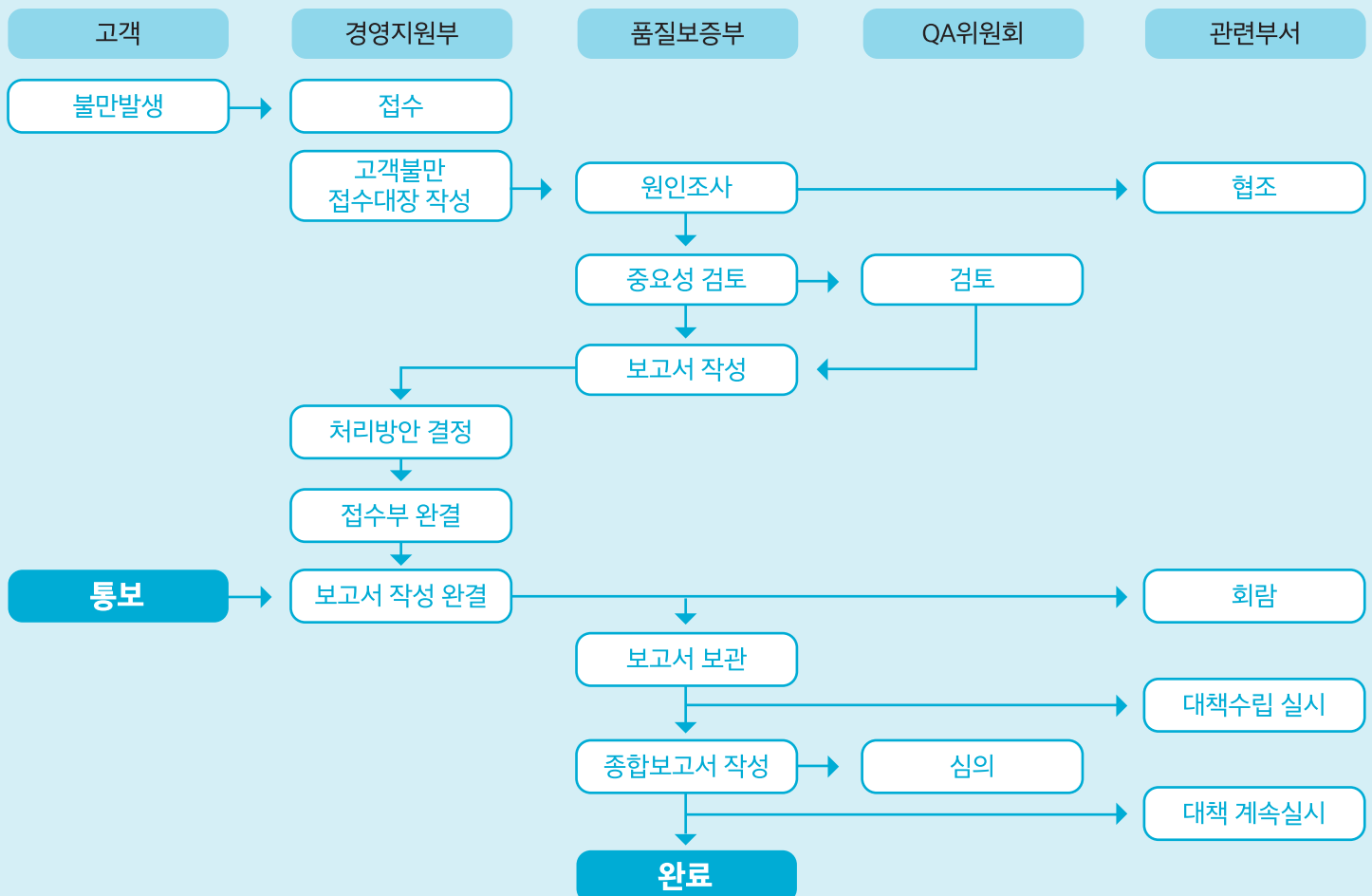
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MEMO



HWC 주식회사 해원금속

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