

STAINLESS STEEL VALVES



HWC HAE WON METAL, CO.
HWC

Haewon, Thinking Human

당사는 10여년 동안 VALVE에 관한 일을 해 오면서 쌓인 기술력으로
보다좋은 제품을 위해 꾸준히 노력할 것이며,
새로운 제품 개발에 선두 주자 역할을 할 것을 약속드립니다.

HAEWON STAINLESS STEEL



and Future.

HAETWON
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TEEL

C·O·N·T·E·N·T·S

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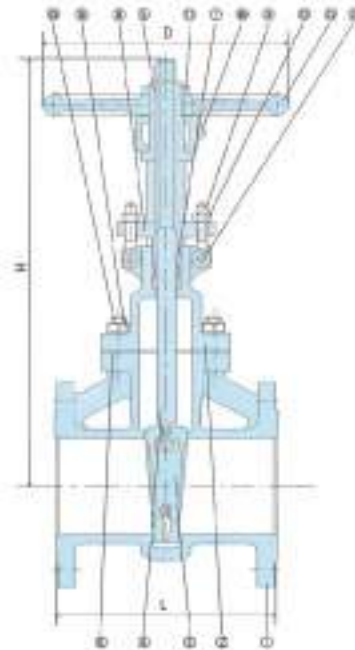


GATE VALVE

(OS & Y TYPE)

MODEL (Flanged Ends)

Stainless Steel Valves



MAX. WORKING PRESSURE 0.98MPa(10k)

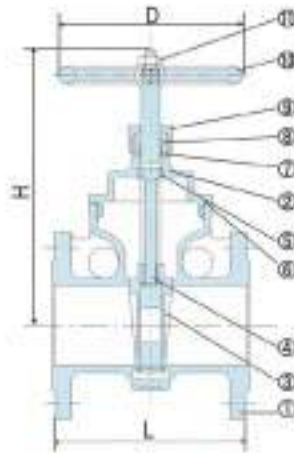
No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	BONNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	YCKE SLEEVE	BRONZE		
6	GASKET	TEFLON(PTFE)		
7	PACKING	TEFLON(PTFE)		
8	GLAND	SCS13		
9	GLAND BOLT	SUS304		
10	HANDLE	FCD45		
11	WHEEL NUT	SS41		
12	GLAND NUT	SUS304		
13	BONNET BOLT	SUS304		
14	BONNET NUT	SUS304		
15	HINGE PIN	SUS304		
16	GREASE NIPPLE			

DIMENSIONS

SIZE	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A	(mm)
L	108	117	127	140	165	178	191	203	229	254	267	292	330	356	
H	188	206	232	257	284	360	410	421	546	625	740	940	1195	1325	
D	125	125	140	140	160	160	160	180	240	240	300	355	400	450	

GATE VALVE

MODEL(Flanged Ends)



MAX. WORKING PRESSURE 0.98MPa(10k)

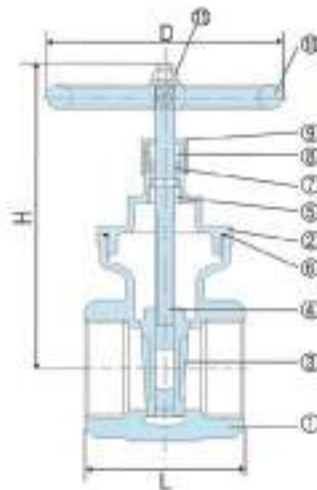
No.	PART NAME	VALVE MATERIAL		
1	BCDY	SCS13	SCS14	SCS16
2	BCNNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	INSERT	SUS304	SUS316	SUS316L
6	GASKET	TEFLON(PTFE)		
7	PACKING	TEFLON(PTFE)		
8	GLAND	SCS13		
9	GLAND NUT	SCS13		
10	HANDLE	SUS304		
11	NUT	SUS304		

DIMENSIONS

SIZE	15A	20A	25A	32A	40A	50A	65A	80A	100A
L	80	90	100	110	125	140	170	193	210
H	100	125	142	149	164	183	247	270	337
D	63	63	100	100	125	140	160	180	200

(mm)

MODEL(Screwed Ends)



MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE MATERIAL		
1	BCDY	SCS13	SCS14	SCS16
2	BCNNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	INSERT NUT	SUS304	SUS316	SUS316L
6	GASKET	TEFLON(PTFE)		
7	PACKING	TEFLON(PTFE)		
8	GLAND	SUS304		
9	GLAND NUT	SCS13		
10	HANDLE	SUS304		
11	NUT	SUS304		

DIMENSIONS

SIZE	15A	20A	25A	32A	40A	50A
L	60	65	70	80	86	96
H	106	122	142	149	164	185
D	63	63	78	78	102	102

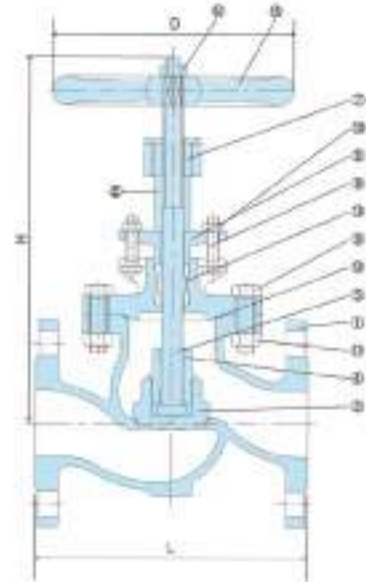
(mm)

GLOBE VALVE

(OS & Y TYPE)

MODEL(Flanged Ends)

Stainless Steel Valves



MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE 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	BRONZE		
8	GLAND BOLT	SUS304		
9	BONNET BOLT	SUS304		
10	GLAND NUT	SUS304		
11	BONNET NUT	SUS304		
12	GASKET	TEFLON(PTFE)		
13	PACKING	TEFLON(PTFE)		
14	HANDLE NUT	SUS304		
15	HANDLE	FCD45		

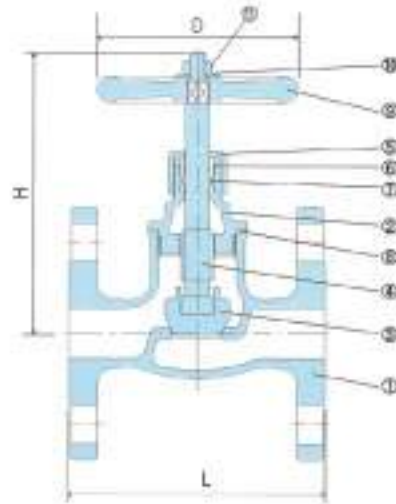
DIMENSIONS

SIZE	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A	(mm)
L	108	117	127	140	165	203	216	241	292	356	406	495	622	698	
H	177	193	221	243	279	296	321	367	427	497	592	665	771	901	
D	100	100	125	140	160	180	180	200	250	250	300	350	400	450	



GLOBE VALVE

MODEL (Flanged Ends)



MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	BONNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	GLAND NUT	SCS13		
6	GLAND	SUS304		
7	PACKING	TEFLON(PTFE)		
8	GASKET	TEFLON(PTFE)		
9	HANDLE	FCD45		
10	WASHER	SUS304		
11	HANDLE NUT	SUS304		

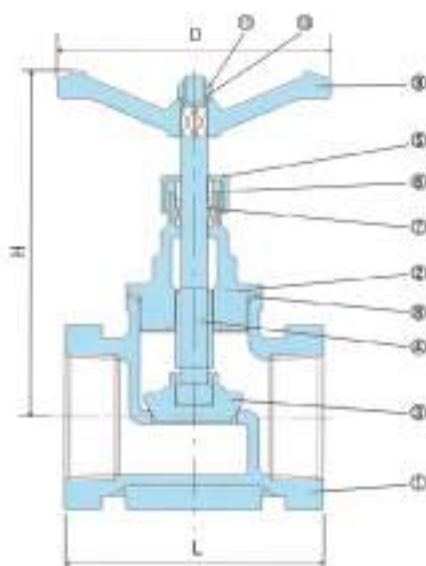
DIMENSIONS

SIZE	15A	20A	25A	32A	40A	50A	65A	80A	100A	(mm)
L	108	117	127	140	165	203	216	241	292	
H	110	113	139	148	169	185	220	243	308	
D	83	83	100	100	125	140	160	180	200	

GLOBE VALVE

Stainless Steel Valves

MODEL (Screwed Ends)



MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	BONNET	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	STEM	SUS304	SUS316	SUS316L
5	GLAND NUT	SCS13		
6	GLAND	SUS304		
7	PACKING	TEFLON(PTFE)		
8	GASKET	TEFLON(PTFE)		
9	HANDLE			
10	WASHER	SUS304		
11	HANDLE NUT	SUS304		

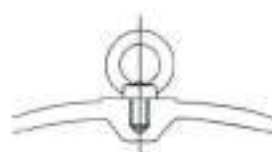
DIMENSIONS

SIZE	15A	20A	25A	32A	40A	50A	(mm)
L	62	67	73	87	97	109	
H	95	99	99	125	130	153	
D	63	63	63	78	78	102	

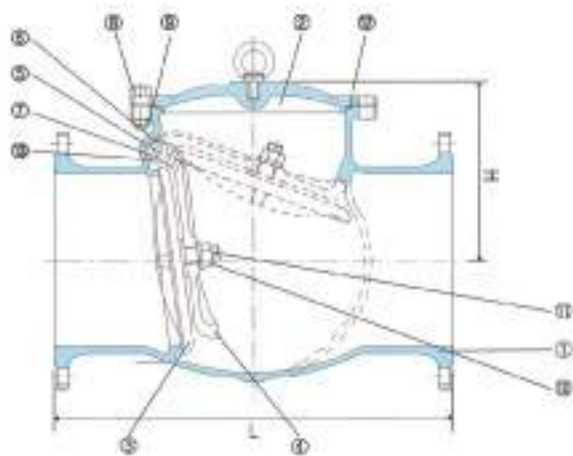
SWING CHECK VALVE

(B-B TYPE)

MODEL(Flanged Ends)



125A AND OVER



MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	COVER	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	ARM	SCS13	SCS14	SCS16
5	HINGE PIN	SUS304	SUS316	SUS316L
6	HINGE BOLT	SUS304	SUS316	SUS316L
7	WASHER	SUS304	SUS316	SUS316L
8	COVER BOLT	SUS304		
9	COVER NUT	SUS304		
10	DISC NUT	SUS304	SUS316	SUS316L
11	SPRING PIN	SUS304	SUS316	SUS316L
12	GASKET	TEFLON(PTFE)		
13	PACKING	TEFLON(PTFE)		

DIMENSIONS

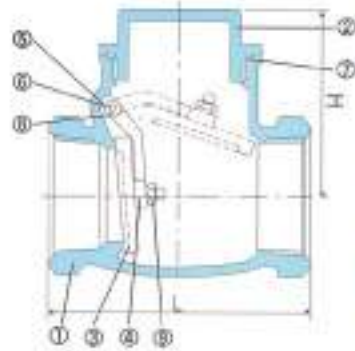
(mm)

SIZE	50A	65A	80A	100A	125A	150A	200A	250A	300A
L	203	216	241	292	330	356	406	622	698
H	103	113	128	147	220	244	287	348	380
REMARKS									

SWING CHECK VALVE

Stainless Steel Valves

MODEL (Screwed Ends)



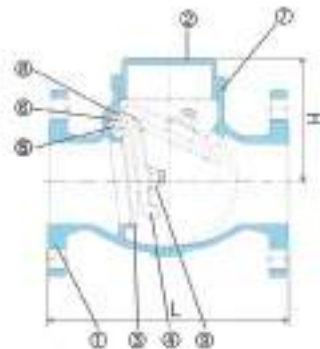
MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	ARM	SCS13	SCS14	SCS16
5	HINGE PIN	SUS304	SUS316	SUS316L
6	HINGE BOLT	SUS304	SUS316	SUS316L
7	GASKET	TEFLON(PTFE)		
8	PACKING	TEFLON(PTFE)		
9	DISC NUT	SUS304	SUS316	SUS316L

DIMENSIONS

SIZE	15A	20A	25A	32A	40A	50A	(mm)
L	65	72	89	106	112	133	
H	51	55	61	75	83	96	
REMARKS							

MODEL (Flanged Ends)



MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	DISC	SCS13	SCS14	SCS16
4	ARM	SCS13	SCS14	SCS16
5	HINGE PIN	SUS304	SUS316	SUS316L
6	HINGE BOLT	SUS304	SUS316	SUS316L
7	GASKET	TEFLON(PTFE)		
8	PACKING	TEFLON(PTFE)		
9	DISC NUT	SUS304	SUS316	SUS316L

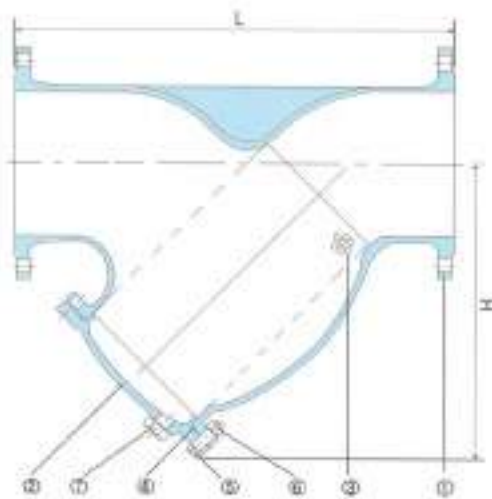
DIMENSIONS

SIZE	15A	20A	25A	32A	40A	50A	65A	80A	(mm)
L	108	117	127	140	165	203	216	241	
H	54	59	65	75	83	96	110	125	
REMARKS									

STRAINER

(B-B TYPE)

MODEL(Flanged Ends)



MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	COVER	SCS13	SCS14	SCS16
3	SCREEN	SUS304	SUS316	SUS316L
4	GASKET	TEFLON(PTFE)		
5	COVER BOLT	SUS304		
6	COVER NUT	SUS304		
7	DRAIN PLUG	SUS304	SUS316	SUS316L

DIMENSIONS

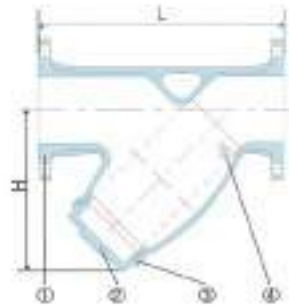
SIZE	50A	65A	80A	100A	125A	150A	200A	250A	(mm)
L	250	300	320	380	480	550	620	760	
H	162	179	204	243	295	343	415	512	
REMARKS									

STRAINER

Stainless Steel Valves

(Y TYPE)

MODEL(Flanged Ends)



MAX. WORKING PRESSURE 0.98MPa(10k)

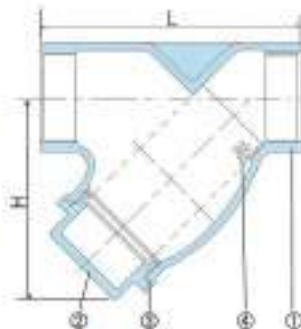
No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	GASKET	TEFLON(PTFE)		
4	SCREEN	SUS304	SUS316	SUS316L

DIMENSIONS

(mm)

SIZE	15A	20A	25A	32A	40A	50A	65A	80A	100A
L	104	118	131	149	175	191	213	307	363
H	54	64	71	83	96	118	133	197	239
REMARKS									

MODEL(Screwed Ends)



MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	GASKET	TEFLON(PTFE)		
4	SCREEN	SUS304	SUS316	SUS316L

DIMENSIONS

(mm)

SIZE	10A	15A	20A	25A	32A	40A	50A
L	74	83	91	106	126	141	171
H	54	63	70	83	96	118	133
REMARKS							

BALL VALVE (STANDARD TYPE)

TWO-PIECE(Flanged Ends)

* Test Pressure - JIS 0.98MPa(10k) Shell(hyd) 2.35MPa(24kg/cm²)
Seat (air) 0.58MPa(6kg/cm²)
ANSI 150Lb/in² Shell(hyd) 450psi Seat (air) 80psi

MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	BALL	SUS304/SCS13	SUS316/SCS14	SUS316/SCS16
4	STEM	SUS304	SUS316	SUS316L
5	SEAT	TEFLON/PTFE		
6	V-PACKING	TEFLON/PTFE		
7	GASKET	TEFLON/PTFE		
8	BACK SEAT	TEFLON/PTFE		
9	GLAND	SUS304	SCS13	
10	GLAND BUSH	SUS304		
11	STOPPER	SUS304		
12	HEX BOLT	SUS304		
13	HEX SOCKET BOLT	SUS304		
14	SNAP RING	SK 5M		
15	HANDLE	FCD45	SCS13	

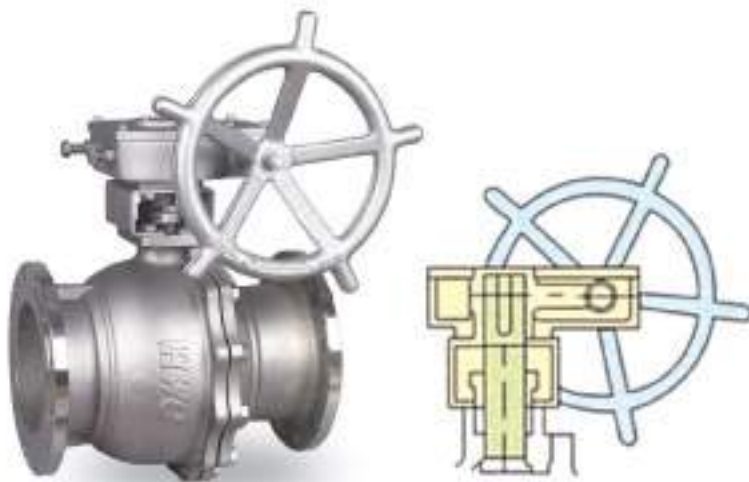


(GEAR BOX TYPE)

TWO-PIECE(Flanged Ends)

MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	BALL	SUS304/SCS13	SUS316/SCS14	SUS316/SCS16
4	STEM	SUS304	SUS316	SUS316L
5	SEAT	TEFLON/PTFE		
6	V-PACKING	TEFLON/PTFE		
7	GASKET	TEFLON/PTFE		
8	BACK SEAT	TEFLON/PTFE		
9	GLAND	SUS304	SCS13	
10	GLAND BUSH	SUS304		
11	STOPPER	SUS304		
12	HEX BOLT	SUS304		
13	HEX SOCKET BOLT	SUS304		
14	SNAP RING	SK 5M		
15	HANDLE	FCD45	SCS13	
16	GEAR BOX	FCD45		



DIMENSIONS

Valve SIZE		15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A
10Kg/cm ²	L	108	108	127	140	165	178	190	203	229	356	304	457	533	610
&	H	68	76	88	92	115	125	135	165	180	210	230	260	-	-
150Lb/in ²	W	130	130	160	160	230	230	230	350	350	440	440	440	-	-

(GEAR BOX TYPE 은 주문사양임)

BALL VALVE

Stainless Steel Valves

ONE-PIECE(Screwed Ends)



*Test Pressure: Shell (Body) 900psi Seat (Grip) 80psi
PT KS B 0222 & JIS B 0203 Pipe Threads
NPT ANSI B2.1 Taper Pipe Threads

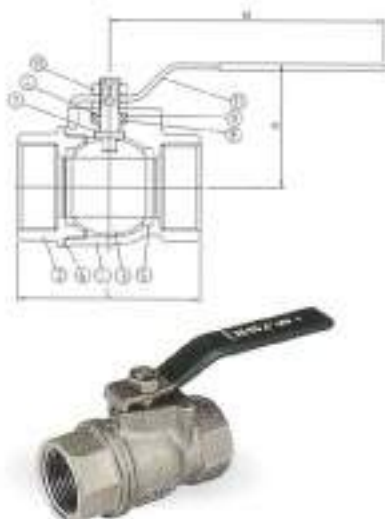
MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE MATERIAL	
1	BODY	SCS13	
2	BALL	SUS304	SCS13
3	SEAT	TEFLON(PTFE)	
4	INSERT	SUS304	SCS13
5	STEM	SUS304	
6	BACK SEAT	TEFLON(PTFE)	
7	GLAND PACKING	TEFLON(PTFE)	
8	GLAND WASHER	SUS304	
9	CONICAL WASHER	SUS304	
10	HANDLE	SUS304	
11	SPRING WASHER	SUS304	
12	NUT	SUS304	

DIMENSIONS

Valve SIZE		8A	10A	15A	20A	25A	32A	40A	50A	(mm)
10Kg/cm ² & 150Lb/in ²	L	40	45	56	59	70	78	82	99	
	H	30	35	40	45	50	55	65	70	
	W	70	70	84	84	100	100	124	124	

TWO-PIECE(Screwed Ends)



MAX. WORKING PRESSURE 0.98MPa(10k)

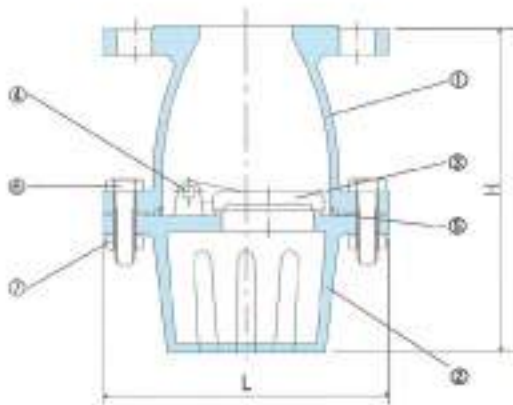
No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	CAP	SCS13	SCS14	SCS16
3	BALL	SUS304/SCS13	SUS316/SCS14	SUS316/SCS16
4	STEM	SUS304	SUS316	SUS316L
5	SEAT	TEFLON(PTFE)		
6	GASKET	TEFLON(PTFE)		
7	BACK SEAT	TEFLON(PTFE)		
8	STEM PACKING	TEFLON(PTFE)		
9	WASHER	SUS304		
10	LOCK NUT	SUS304		
11	HANDLE	SUS304	FCD45	

DIMENSIONS

Valve		8A	10A	15A	20A	25A	32A	40A	50A	65A	80A	(mm)
10Kg/cm ² & 150Lb/in ²	L	48	48	59	68	83	91	100	115	130	155	
	H	30	37	43	45	55	59	69	75	109	121	
	W	70	70	108	108	117	117	161	161	160	160	

FOOT VALVE

MODEL(Flanged Ends)



MAX. WORKING PRESSURE 0.98MPa(10k)

No.	PART NAME	VALVE MATERIAL		
1	BODY	SCS13	SCS14	SCS16
2	SCREEN	SCS13	SCS14	SCS16
3	DISC	SUS304	SUS316	SUS316L
4	HINGE PIN	SUS304	SUS316	SUS316L
5	GASKET	TEFLON(PTFE)		
6	BOLT	SUS304	SUS316	SUS316L
7	NUT	SUS304	SUS316	SUS316L

DIMENSIONS

SIZE	40A	50A	65A	80A	100A	125A	150A	200A	250A
L	140	155	175	196	230	268	298	366	415
H	154	177	199	216	264	311	359	411	502
REMARKS:									



HAE WON METAL, CO.

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