逆止閥 CHECK VALVES

1/2"~1"
Hop-211 B型

1/2"
Hop-211 C型

1/4"~1/2"
K004

針閥 NEEDLE VALVES

1/4"
NE01

1/4"
NE02

考克 AIR COCK

C10
雙外牙考克
DOUBLE MALE COCK
1/8X1/8 . 1/4X1/4
3/8X3/8 . 1/8X1/4
3/8X1/4 . 1/2X1/4

C20
雙內牙考克
DOUBLE FEMALE COCK
1/8X1/8 . 1/4X1/4
3/8X3/8

C30
內外牙考克
ONE MALE ONE
1/8X1/8 . 1/4X1/4
3/8X3/8 . 1/8X1/4
3/8X1/4 . 1/2X1/4

C40
插管考克
ONE HOSE ONE
1/8X5/16 Hose . 1/4X5/16 Hose
3/8X5/16 Hose . 1/2X5/16 Hose
1/8X3/8 Hose . 1/4X3/8 Hose
3/8X3/8 Hose . 1/2X3/8 Hose
1/2PX1/2 Hose

C50
雙插管考克
DOUBLE HOSE ONE
5/16HX5/16H
3/8HX3/8H

C60
雙尼龍管考克
DOUBLE NYLON PIPE COCK
1/4NX1/4N

C70
尼龍管考克
NYLON PIPE COCK
1/4PX1/4N . 1/4PX3/8N
1/4PX5/16N . 1/8PX1/4N
1/2PX1/4N

C80
銅管考克
COPPER PIPE COCK
1/4X1/4S . 3/8X1/4S
1/2X1/4S . 1/4X3/8S

C90
喇叭考克
FLARE COCK
1/4HX1/4P
1/4HX3/8P
1/4HX1/4H

申錫企業股份有限公司
HOPEET ENTERPRISE CO., LTD

Add：台中市北屯區廍子里北坑巷2~16號 NO. 2-16, PEI-KUN LANE, BUTZN LI, PEI-TUN DIST TAICHUNG, TAIWAN, R.O.C.
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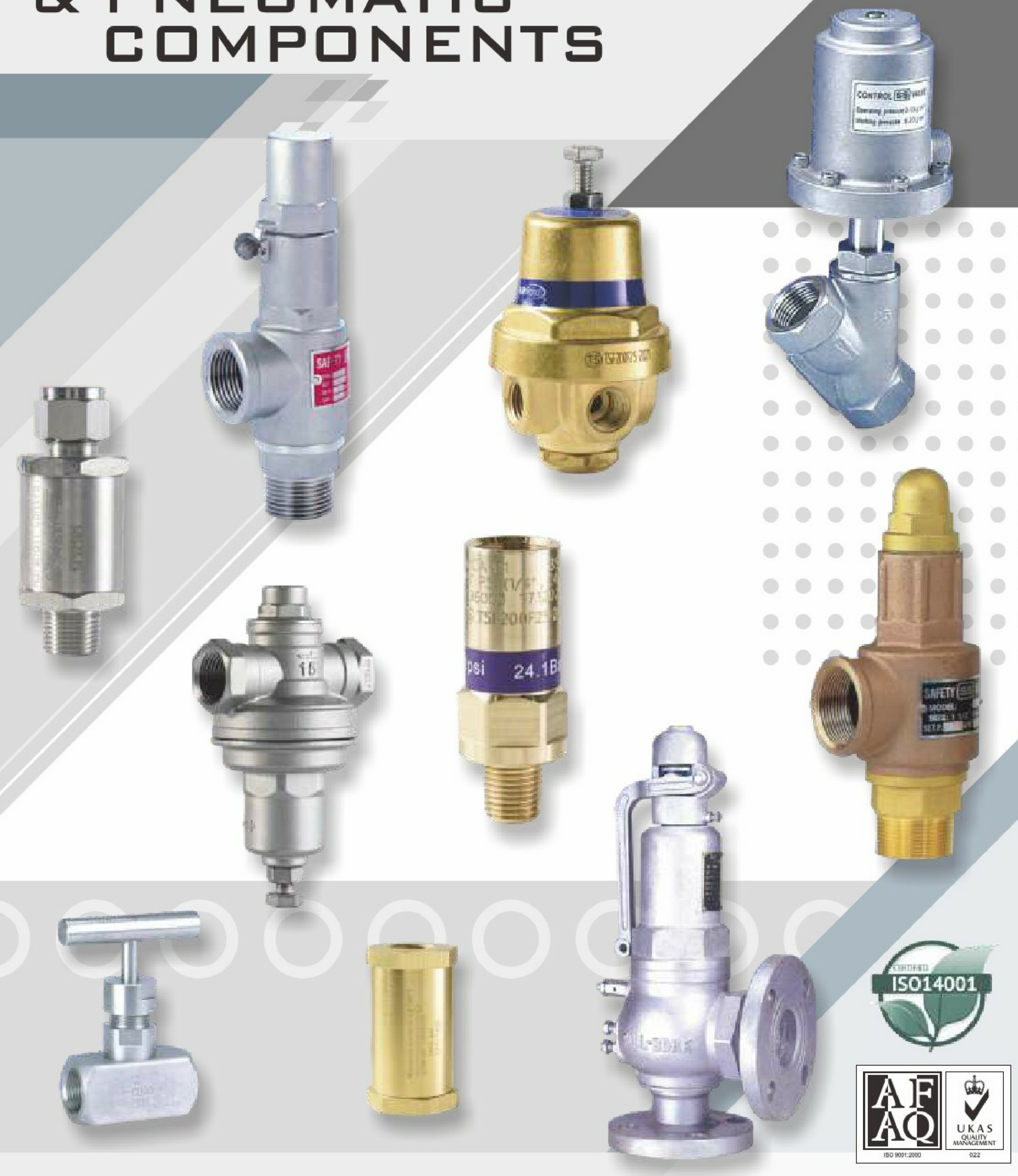
HOPEET ENTERPRISE
SAFETY VALVE

申錫-安全閥與控制閥的專家
SAFETY RELIEF VALVE & PNEUMATIC COMPONENTS



簡介

申錫為一專業閥製造工廠 ，公司創立於西元 1968 年，當年主要產品以空氣壓機機上的小型球閥、逆止閥、安全閥、洩水閥為主。至今仍持續研發、創新以滿足各種客戶需求。

公司生產的不銹鋼304/316、WCB、FC材質的安全閥、Y型氣缸閥、針閥、逆止閥等，不銹鋼產品，為精密脫蠟鑄件，其可運用在蒸氣鍋爐，染色機械，成衣蒸燙機，皮革機械，化工業機械，食品機械等工業上。

在2016年，公司成功研製超低溫專用閥門 -Marshall系列產品，如截止閥、安全閥、調壓閥、減壓閥、增壓閥、穩壓閥、背壓閥、逆止閥、Y 型過濾器、壓力錶閥、低溫過流閥、針閥、三通型球閥等。Marshall系列產品，亦為台灣首次得到大陸地區TS超低溫認證的產品。申錫Marshall系列為您超低溫流體需求的最佳解決方案。

2018年，申錫將廠內主力的CNC產線導入自動化製程: 十餘台配合自動送料機以及機械手臂的 DMG MORI 加工機台，其不僅強化了產品品質，也同時提高了生產效能。由於這些科技的進步，我們能達成兼顧了成本與品質的任務。

申錫公司誠摯的希望能滿足一切您的閥類產品需求。

About us

Hopeet Enterprise, your most professional Valve manufacturer. Founded in 1968 and family owned. We started with making the small ball valve, check valve, safety valve for air compressor and still developing the need for our customers.

Our products have various choices of material and made from lost wax/foundry casting; such as SUS304/316, WCB, FC and Bronze. The products can be used on steam boiler, dye machine, steam ironing machine, leather machine, chemical industry and food industry.

In 2016, we've successfully developed the valves for cryogenic application The Marshall series valves. The Marshall series (check valve, safety valve, pressure regulator, shut-off valve, pattern strainer, excess flow valve) have became the first TS cryogenic certificated product in Taiwan. Hopeet's Marshall series is your best solution for your cryogenic application.

The future is near, Cost and Quality can be balanced. Hopeet has completed the automation set up on our all major CNC production lines in late of 2018. We have installed over dozens of DMG MORI machines with bar feeders and robot arms to improve the quality and the productivity on all Hopeet's product.

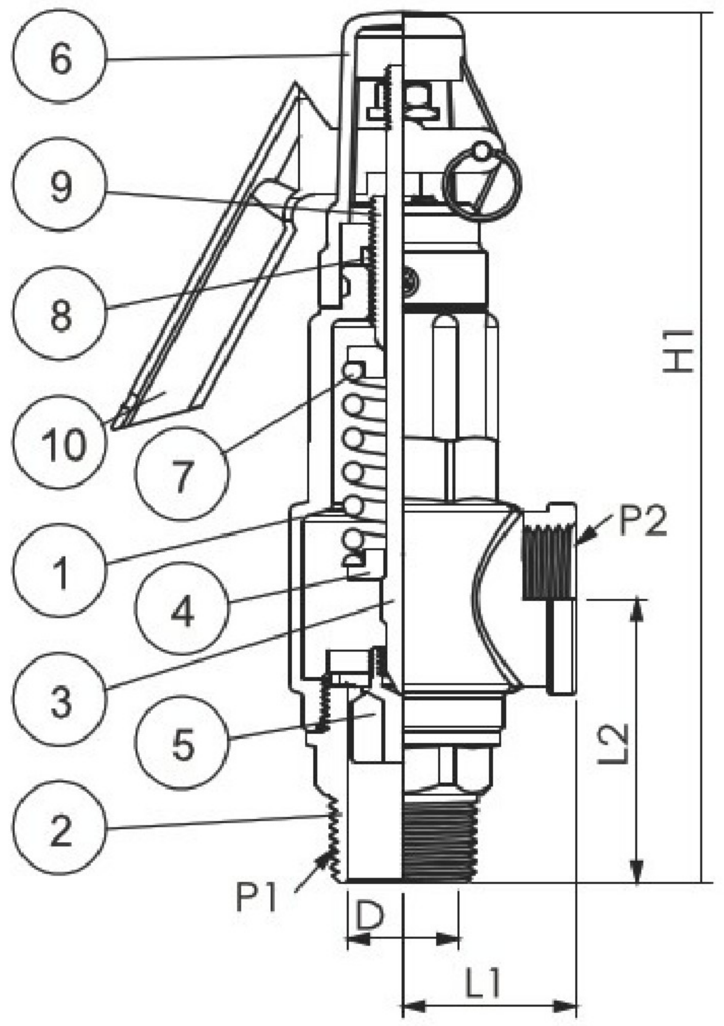
We Hopeet Enterprise sincerely looking forward to bring you the solution for your valve need.

BRONZE SAFETY RELIEF VALVES 低揚程安全閥

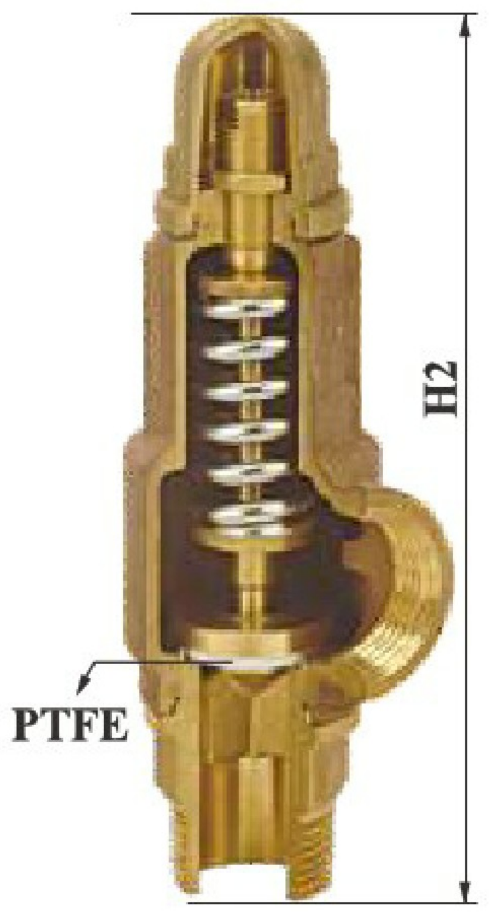
S10L

S10

S10LT



S10T



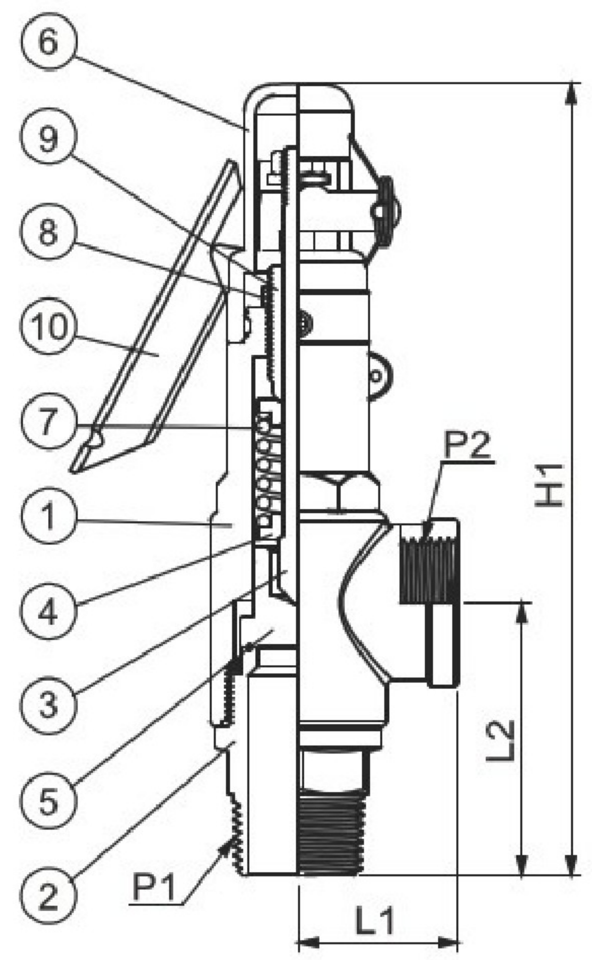
*適用於鍋爐、高壓容器

NO.	TYPE / NAME	S10L Bronze Safety Valve with Lever	S10 Bronze Safety Valve with Sealing	S10LT Bronze Safety Valve with Lever	S10T Bronze Safety Valve with Sealing
材質表 General material					
1	閥體 VALVE BODY	BRONZE	BRONZE	BRONZE	BRONZE
2	閥座 VALVE SEAT	BRASS	BRASS	BRASS	BRASS
3	閥桿 STEM	BRASS	BRASS	BRASS	BRASS
4	彈簧座 SPRING SEAT	BRASS	BRASS	BRASS	BRASS
5	閥盤 DISC	BRASS	BRASS	BRASS+PTFE	BRASS+PTFE
6	閥蓋 CAP	BRONZE	BRASS	BRONZE	BRASS
7	彈簧 SPRING	STEEL	STEEL	STEEL	STEEL
8	螺帽 NUT	BRASS	BRASS	BRASS	BRASS
9	調整螺絲 ADJUST SCREW	BRASS	BRASS	BRASS	BRASS
10	把手 HANDLE	STEEL	-	STEEL	-
使用壓力 WORKING PRESSURE(Kg/cm2)		0.3~25			
使用溫度 WORKING TEMP(°C)		-45℃~185℃			

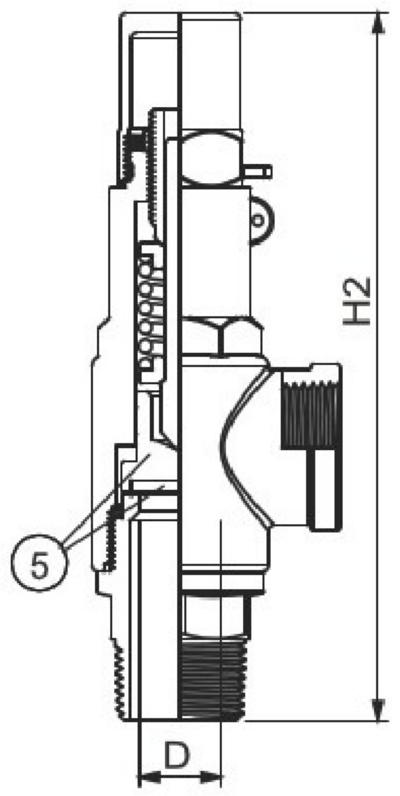
尺寸表 Dimension (mm)								單重 (Kg)			
入口 P1 Inlet	閥座徑 D Seat diameter	出口 P2 Outlet	行程 Lift	L1	L2	H1	H2	S10L	S10	S10L-BTB	S10-BTB
1/2"	13	1/2"	0.52	31	47.6	159.1	134.8	0.576	0.476	0.572	0.48
3/4"	19	3/4"	0.76	35	53.35	169.1	144.8	0.716	0.643	0.714	0.61
1"	25	1"	1	39.25	64.5	197.8	173.2	1.228	1.036	1.222	1.042
1-1/4"	32	1-1/4"	1.28	50.5	72.5	215	196.2	1.995	1.745	1.91	1.738
1-1/2"	38	1-1/2"	1.52	59.5	85.9	244.2	225.4	2.416	2.328	2.412	2.348
2"	50	2"	2	64.75	99.1	284.5	255.9	3.928	3.560	3.935	3.682

STAINLESS STEEL SAFETY VALVES 高揚程安全閥

FGXL-SSS



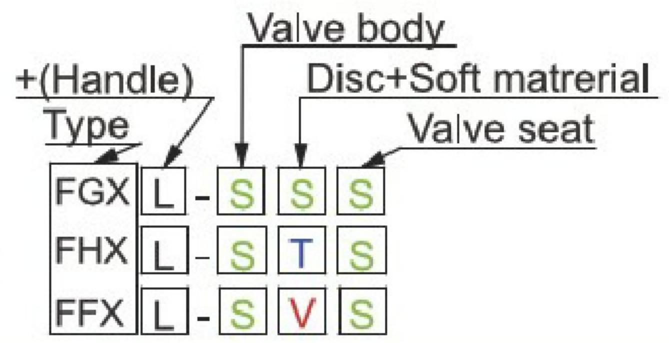
FGX-STS
FGX-SVS



FHXL

FFX

S = Stainless steel
T = Teflon(PTFE)
V = Fluororubber (Viton)
M = MC Nylon



*適用於鍋爐、高壓容器

NO.	TYPE / NAME	FGXL-SSS 手拉式 Safety Valve with Lever metal to metal	FGX-SSS 密封式 Safety Valve with Sealing metal to metal	FGXL-SVS 手拉式 Safety Valve with Lever Disc insert Viton	FGX-SVS 密封式 Safety Valve with Sealing Disc insert Viton	FGXL-STS 手拉式 Safety Valve with Lever Disc insert PTFE	FGX-STS 密封式 Safety Valve with Sealing Disc insert PTFE	FHXL 手拉式 Inlet: Flange Outlet: Thread	FHX 密封式 Inlet: Flange Outlet: Thread	FFXL 手拉式 Inlet: Flange Outlet: Flange	FFX 密封式 Inlet: Flange Outlet: Flange
材質表 General material											
1	閥體 VALVE BODY	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M
2	閥座 VALVE SEAT	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M
3	閥桿 STEM	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304
4	彈簧座 SPRING SEAT	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304
5	閥盤 DISC	SUS304/316	SUS304/316	SUS304/316 +VITON	SUS304/316 +VITON	SUS304/316 +PTFE	SUS304/316 +PTFE	SUS304/316	SUS304/316	SUS304/316	SUS304/316
6	閥蓋 CAP	CF8	CF8	CF8	CF8	CF8	CF8	CF8	CF8	CF8	CF8
7	彈簧 SPRING	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304
8	螺帽 NUT	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304
9	調整螺絲 ADJUST SCREW		SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304
10	把手 HANDLE	SUS304	-	SUS304	-	SUS304	-	SUS304	-	SUS304	-
使用壓力 WORKING PRESSURE(Kg/cm2)		0.1~40		0.1~40		0.1~40		0.1~40		0.1~40	
使用溫度 WORKING TEMP(°C)		-196℃~350℃		-40℃~200℃		-185℃~200℃		-196℃~300℃		-196℃~350℃	

Please contact us for the custom size, pressure and actual material.

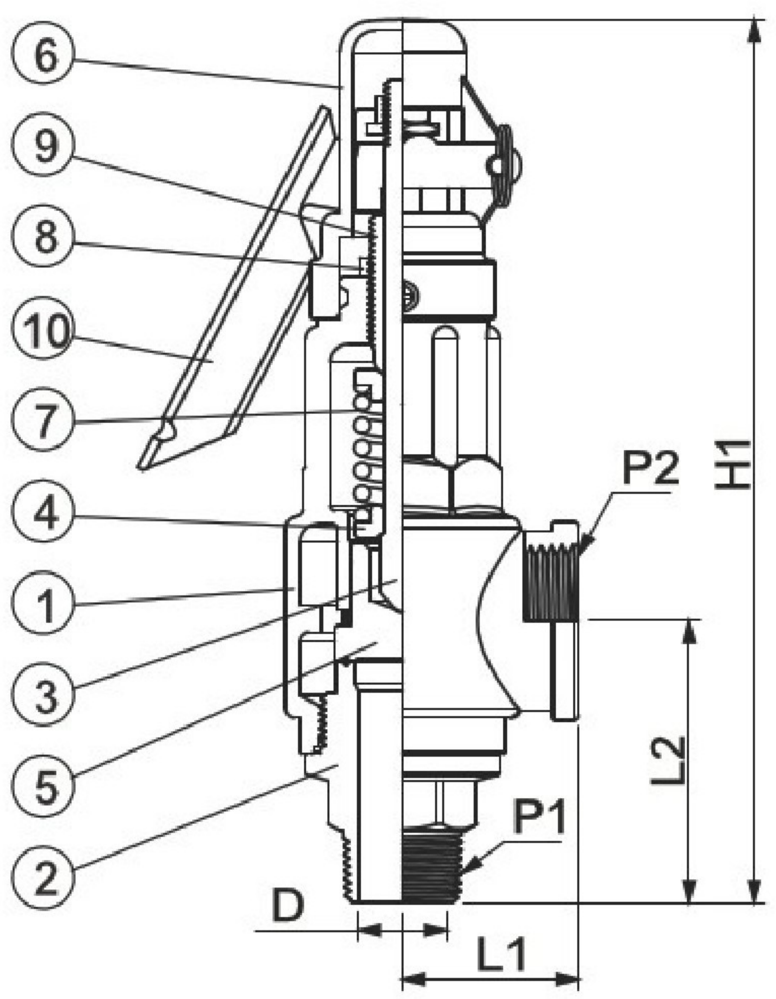
特殊尺寸，調壓範圍及實際材料需與廠商聯繫訂製。

尺寸表 Dimension (FGXL-SSS~FGX-STS) (mm)									
NOMINAL					LIFT	L1	L2	H1	H2
P1	*	D	*	P2					
1/2"	*	15	*	1"	1.04	41.25	65.5	199.5	177.5
3/4"	*	19.5	*	1"	1.52	41.25	65	199	177
1"	*	21	*	1"	2	41.25	70.5	204.5	182.5
1"	*	25	*	2"	2.52	65	100.3	284	260.5
1 1/4"	*	33	*	2"	2.56	65	100.8	284.5	261
1 1/2"	*	39	*	2"	3.04	65	101.3	285	261.5
2"	*	39	*	2"	4	65	104.3	288	264.5

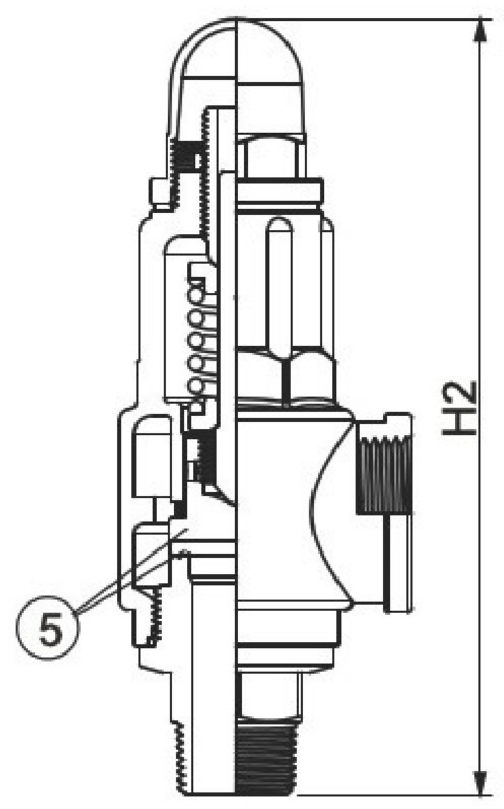
尺寸表 Dimension (FHXL~FFXL) + Flanged ends (mm)													
NOMINAL					LIFT	FHXL~FHX				FHXL~FFX			
P1	*	D	*	P2		L1	L2	H1	H2	L1	L2	H1	H2
1/2"	*	15	*	1"	1.04	41.25	70.5	204.2	182.5	105.75	70.5	204.2	182.5
3/4"	*	19.5	*	1"	1.52	41.25	70	204	182	105.75	70	204	182
1"	*	21	*	1"	2	41.25	75.5	209.5	187.5	105.75	75.5	209.5	187.5
1"	*	25	*	2"	2.52	65	105.3	289	265.5	133.5	105.3	289	265.5
1 1/4"	*	33	*	2"	2.56	65	106.8	209.5	267	133.5	106.8	209.5	267
1 1/2"	*	39	*	2"	3.04	65	107.3	291	267.5	133.5	107.3	291	267.5
2"	*	39	*	2"	4	65	110.3	294	270.5	133.5	110.3	294	270.5

SAFETY VALVE 高揚程安全閥

FGXL-BSS



FGX-BTS
FGX-BVS



B = Bronze
S = Stainless steel
T = Teflon (PTFE)
V = Fluororubber (Viton)

Valve seat
Disc+soft material
Valve body
FGX L - B S S
- B T S
- B V S
+(Handle)

*適用於鍋爐、高壓容器

材質表 General material							
NO.	TYPE / NAME	FGXL-BSS 手拉式 Safety Valve with Lever metal to metal	FGX-BSS 密封式 Safety Valve with Sealing metal to metal	FGXL-BVS 手拉式 Safety Valve with Lever Disc insert Viton	FGX-BVS 密封式 Safety Valve with Sealing Disc insert Viton	FGXL-BTS 手拉式 Safety Valve with Lever Disc insert PTFE	FGX-BTS 密封式 Safety Valve with Sealing Disc insert PTFE
1	閥體 VALVE BODY	BRONZE	BRONZE	BRONZE	BRONZE	BRONZE	BRONZE
2	閥座 VALVE SEAT	CF8 / CF8M	CF8 / CF8M	CF8 / CF8M	CF8 / CF8M	CF8 / CF8M	CF8 / CF8M
3	閥桿 STEM	SUS304	SUS304	BRASS	BRASS	BRASS	BRASS
4	彈簧座 SPRING SEAT	BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
5	閥盤 DISC	SUS304	SUS304	SUS304+VITON	SUS304+VITON	SUS304+PTFE	SUS304+PTFE
6	閥蓋 CAP	BRONZE	BRASS	BRONZE	BRASS	BRONZE	BRASS
7	彈簧 SPRING	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
8	螺帽 NUT	BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
9	調整螺絲 ADJUST SCREW	BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
10	把手 HANDLE	STEEL	-	STEEL	-	STEEL	-
使用壓力 WORKING PRESSURE(Kg/cm2)		0.1~40		0.1~40		0.1~40	
使用溫度 WORKING TEMP(°C)		-196°C~200°C		-40°C~200°C		-185°C~200°C	

Please contact us for the custom size, pressure and actual material.
特殊尺寸，調壓範圍及實際材料需與廠商連繫訂製。

尺寸表 Dimenesion (mm)										
NOMINAL					LIFT	L1	L2	H1	H2
P1	*	D	*	P2					
1/2"	*	15	*	3/4"	1.04	35	53.5	169	144.6
3/4"	*	19.5	*	1"	1.52	39	62.5	196	172.1
1"	*	21	*	1"	1.52	39	68	201.5	177.6
1"	*	26	*	1 1/4"	2	52	73.5	214.5	196.1
1 1/4"	*	33	*	1 1/2"	2.56	58.5	88.5	245.5	227.1
1 1/2"	*	39	*	2"	3.04	64.5	100.5	284.5	258.1
2"	*	39	*	2"	3.04	64.5	103.5	287.5	261.1
2"	*	50	*	2 1/2"	4	72	110	303	276.6
2 1/2"	*	50	*	2 1/2"	6	72	110	303	276.6

小型安全閥 COMPACT SAFETY VALVES

*僅適用低壓以及超低流量

3/4"
S20

材質 SS303
1/8~1/4"
S30

1/2"
AZ-04

3/8~1/2"
CVS

1/4"~1"
HOP-411A

1/4"
HOP-411B

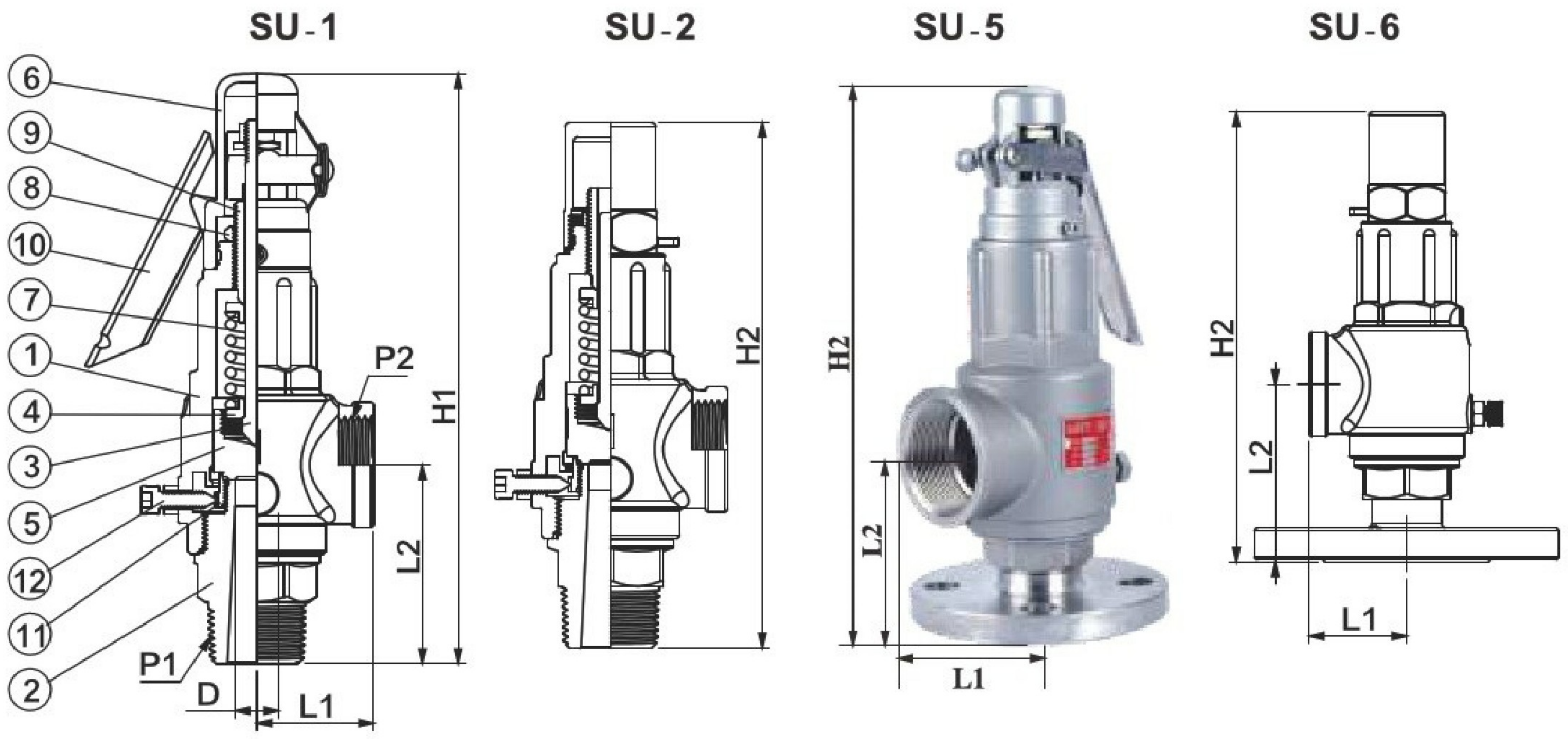
1/4"
HOP-411C

1/2"~3/4"
HOP-411D

1/4"
HOP-411E

1/2"~1"
HOP-411F

STAINLESS STEEL FULL BORE SAFETY VALVE 全量型安全閥



*適用於鍋爐、高壓容器

材質表 General material					
NO.	TYPE / NAME	SU-1 手拉式 Safety Valve with lever metal to metal	SU-2 密封式 Safety Valve with Sealing metal to metal	SU-5 手拉式 Inlet : Flange Outlet : Thread	SU-6 密封式 Inlet : Flange Outlet : Thread
1	閥體 VALVE BODY	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M
2	閥座 VALVE SEAT	CF8/CF8M	CF8/CF8M	CF8/CF8M	CF8/CF8M
3	閥桿 STEM	SUS304	SUS304	SUS304	SUS304
4	彈簧座 SPRING SEAT	SUS304	SUS304	SUS304	SUS304
5	閥盤 DISC	SUS304/316	SUS304/316	SUS304/316	SUS304/316
6	閥蓋 CAP	CF8	CF8	CF8	CF8
7	彈簧 SPRING	SUS304	SUS304	SUS304	SUS304
8	螺帽 NUT	SUS304	SUS304	SUS304	SUS304
9	調整螺絲 ADJUST SCREW	SUS304	SUS304	SUS304	SUS304
10	把手 HANDLE	SUS304	-	SUS304	-
11	下環 LOW RING	SUS304	SUS304	SUS304	SUS304
12	固定螺絲 FIX SCREW	SUS304	SUS304	SUS304	SUS304
使用壓力 WORKING PRESSURE(Kg/cm2)		0.1~25		0.1~25	
使用溫度 WORKING TEMP(℃)		-196℃~350℃		-196℃~350℃	

Please contact us for the custom size, pressure and actual material.

特殊尺寸，調壓範圍及實際材料需與廠商連繫訂製。

尺寸表 Dimenesion (mm)

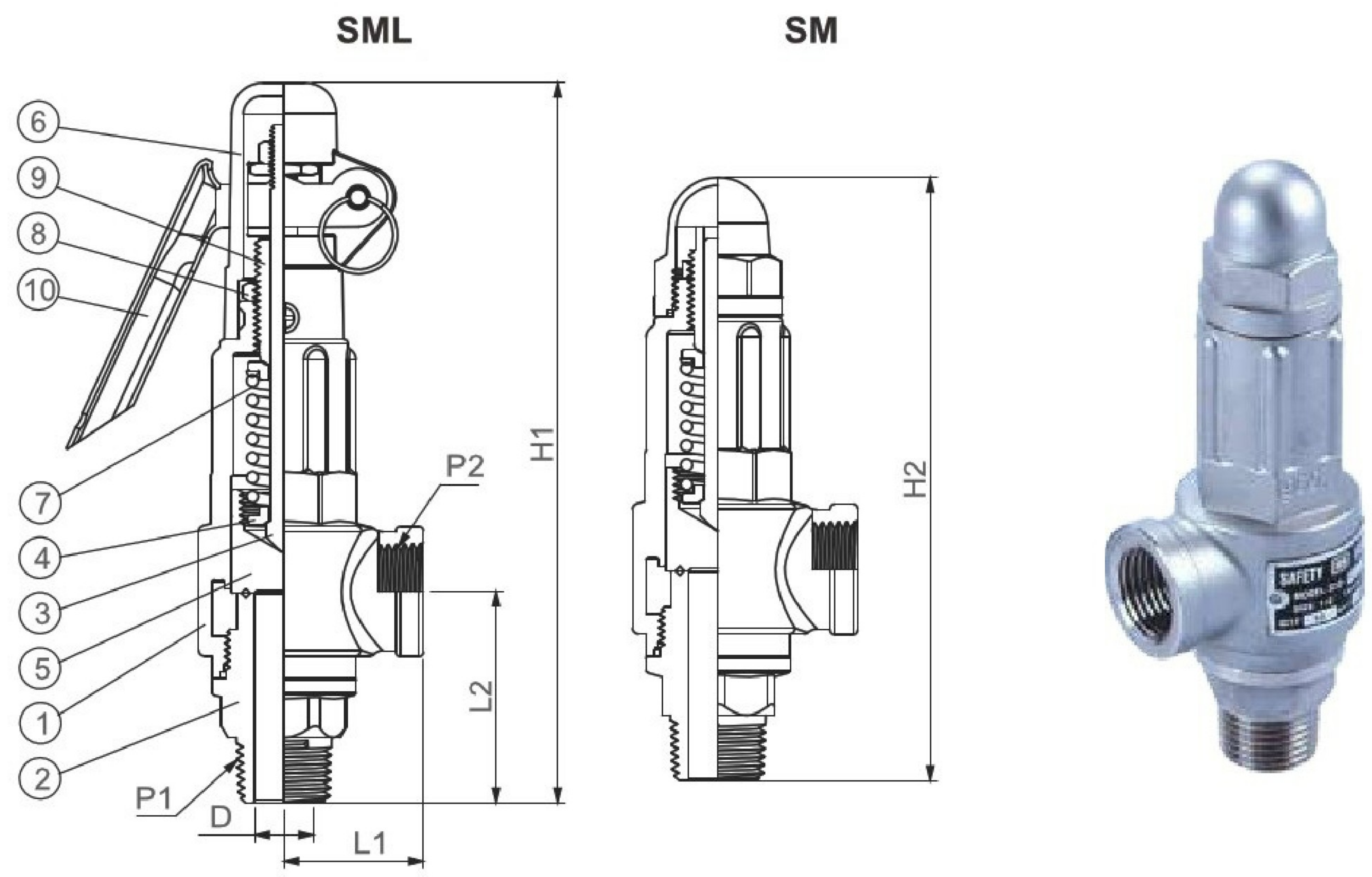
SU-1 ~ SU-2

NOMINAL P1	*	D	*	P2	P2	L1	L2	H1	H2
1/2"	*	14	*	1"	4	40	60.8	194.8	172.8
3/4"	*	15	*	1"	4	40	65.4	199.4	177.4
1"	*	15	*	1"	4	40	68	202	180
1"	*	19	*	1 1/4"	5	52	72	217.9	196.7
1 1/2"	*	30	*	2"	7	66	92	282.9	259.4
2"	*	30	*	2"	7	66	93	283.9	260.4
2"	*	43	*	2 1/2"	7	76.5	103.5	300.9	277.4
2 1/2"	*	43	*	2 1/2"	7	76.5	104.5	301.9	278.4

SU-5 ~ SU-6

NOMINAL P1	*	D	*	P2	LIFT	L1	L2	H1	H2
1/2"	*	14	*	1"	4	40	65.8	199.8	177.8
3/4"	*	15	*	1"	4	40	70.4	204.4	182.4
1"	*	15	*	1"	4	40	73	207	185
1"	*	19	*	1 1/4"	5	52	77	222.2	201.7
1 1/2"	*	30	*	2"	7	66	98	288.9	265.4
2"	*	30	*	2"	7	66	99	289.9	266.4
2"	*	43	*	2 1/2"	7	76.5	109.5	306.9	283.4
2 1/2"	*	43	*	2 1/2"	7	76.5	110.5	307.9	284.4

STAINLESS STEEL SAFETY VALVE 低揚程安全閥



*適用於鍋爐、高壓容器

材質表 General material			
NO.	TYPE / NAME	SML 手拉式 Safety Valve with Lever metal to metal	SM 手拉式 Safety Valve with Sealing metal to metal
1	閥體 VALVE BODY	CF8 / CF8M	CF8 / CF8M
2	閥座 VALVE SEAT	CF8 / CF8M	CF8 / CF8M
3	閥桿 STEM	SUS304	SUS304
4	彈簧座 SPRING SEAT	SUS304	SUS304
5	閥盤 DISC	SUS304 / 316	SUS304 / 316
6	閥蓋 CAP	CF8	CF8
7	彈簧 SPRING	SUS304	SUS304
8	螺帽 NUT	SUS304	SUS304
9	調整螺絲 ADJUST SCREW	SUS304	SUS304
10	把手 HANDLE	SUS304	SUS304
使用壓力 WOREING PRESSURE(Kg/cm2)		0.1 ~ 20	
使用溫度 WOREING TEMP(° C)		-196℃ ~ 350℃	

Please contact us for the custom size, pressure and actual material.

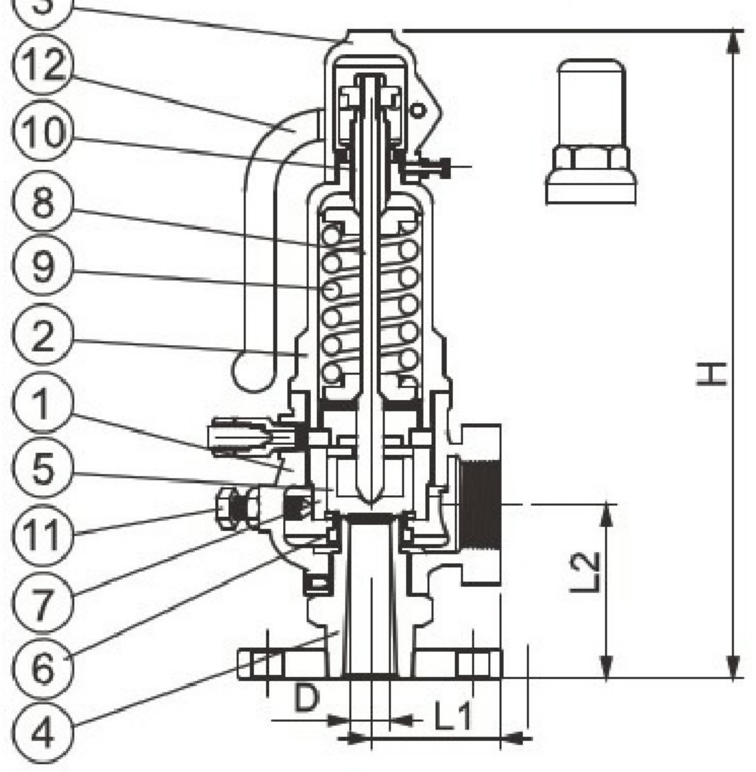
特殊尺寸，調壓範圍及實際材料需與廠商連繫訂製。

尺寸表 Dimenesion (mm)

NOMINAL P1	*	D	*	P2	LIFT	L1	L2	H1	H2
1/2"	*	13	*	1/2"	1.04	31	46.95	160.1	134.1
3/4"	*	19	*	3/4"	1.52	34.8	56.4	172.5	147
1 1/4"	*	30	*	1 1/4"	2.56	52	73	218.2	197.7
1 1/2"	*	34	*	1 1/2"	3.04	59.5	89	247.3	226.8

FULL BORE SAFETY VALVE 大型全量型安全閥

SF-1 SF-2



Fluid：Steam,Air,Gas,Liquid.
Temperature：MAX=300˚C ,Min=-5˚C
Connection：Flanged ANSI 300,150,,jis10K
Pressure：
FC：0.3~10Kg
WCB：0.3~40Kg
SUS：0.3~40Kg

流體：蒸氣、空氣、液體
使用溫度：-5˚ c~300˚ c
接口規格：法蘭ANSI300, 150, JIS10K
壓力範圍：
鑄鐵：0.3~10Kg
鑄鋼：0.3~40Kg
不鏽鋼：0.3~40Kg

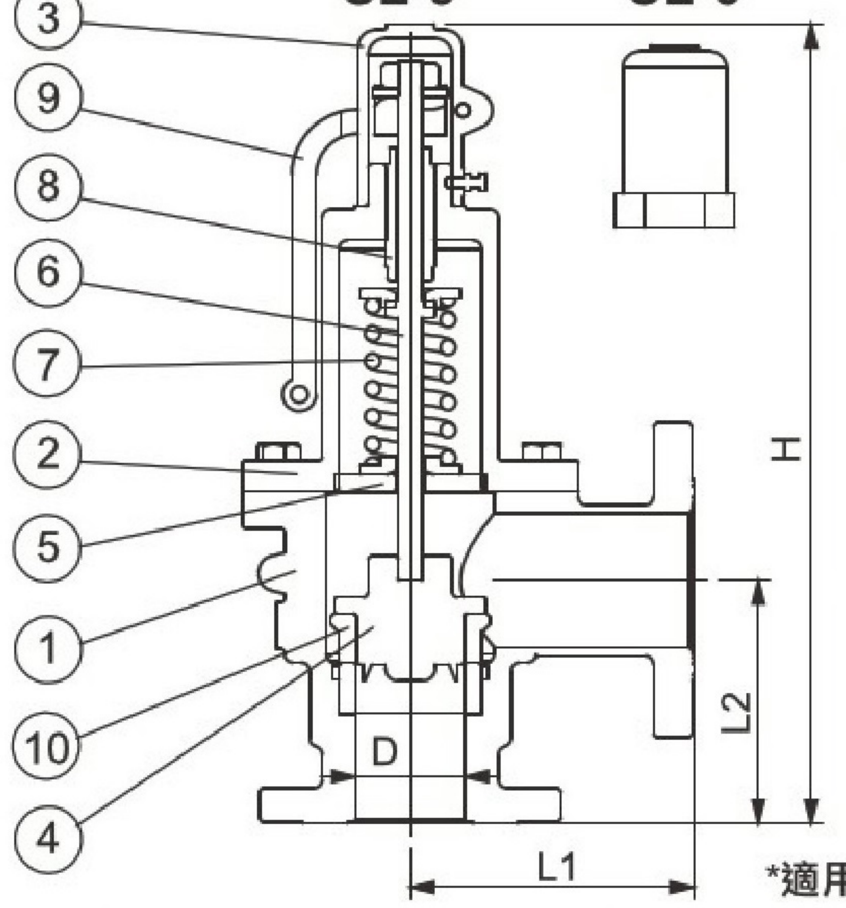
NO.	NAME	MATERIAL		
		FC	SCS 13	WCB
1	閥體 BODY	FC20	SCS 13	WCB
2	閥蓋 BONNET	FC20	SCS 13	WCB
3	帽蓋 CAP	FC20	SCS 13	WCB
4	閥座 BODY SEAT	SUS 304	SUS 304	SUS 304
5	閥盤 VALVE DISC	SUS 304	SUS 304	SUS 304
6	下環 LOWER RING	SCS13	SUS 304	SUS 304
7	上環 UPPER RING	BsBm	SUS 304	SUS 304
8	閥桿 STEM	SUS 304	SUS 304	SUS 304
9	彈簧 SPRING	SUP 6	SUS 304	SUS 304
10	調整螺絲ADJUSTING SCREW	SUS 410	SUS 304	SUS 304
11	下環固定螺絲ROOT SCREW	SS 310	SUS 304	SUS 304
12	拉桿 LEVER	WCB	SUS 304	SUS 304

*適用於鍋爐、高壓容器

口徑 Seat Dia	喉徑面積 Throat Dia		揚程 Lift	出入口中心		高 Height
D	dt	n(mm)	l	L1	L2	H
20*15*25	15	176.6	3.8	50	77	273
20*19*32	19	283.3	5	64	87	322
40*30*50	30	706.5	7.5	71	113	405
50*38*65	38	1133.5	9.5	85	125	450

LOW LIFT SAFETY VALVE 大型低揚程安全閥

SL-5 SL-6



Fluid：Steam,Air,Gas,Liquid.
Temperature：MAX=300˚C ,Min=-5˚C
Connection：Flanged ANSI 300,150,,jis10K
Pressure：
FC：0.3~10Kg
WCB：0.3~20Kg
SUS：0.3~20Kg

流體：蒸氣、空氣、液體
使用溫度：-5˚ c~300˚ c
接口規格：法蘭ANSI300, 150, JIS10K
壓力範圍：
鑄鐵：0.3~10Kg
鑄鋼：0.3~20Kg
不鏽鋼：0.3~20Kg

SL-5

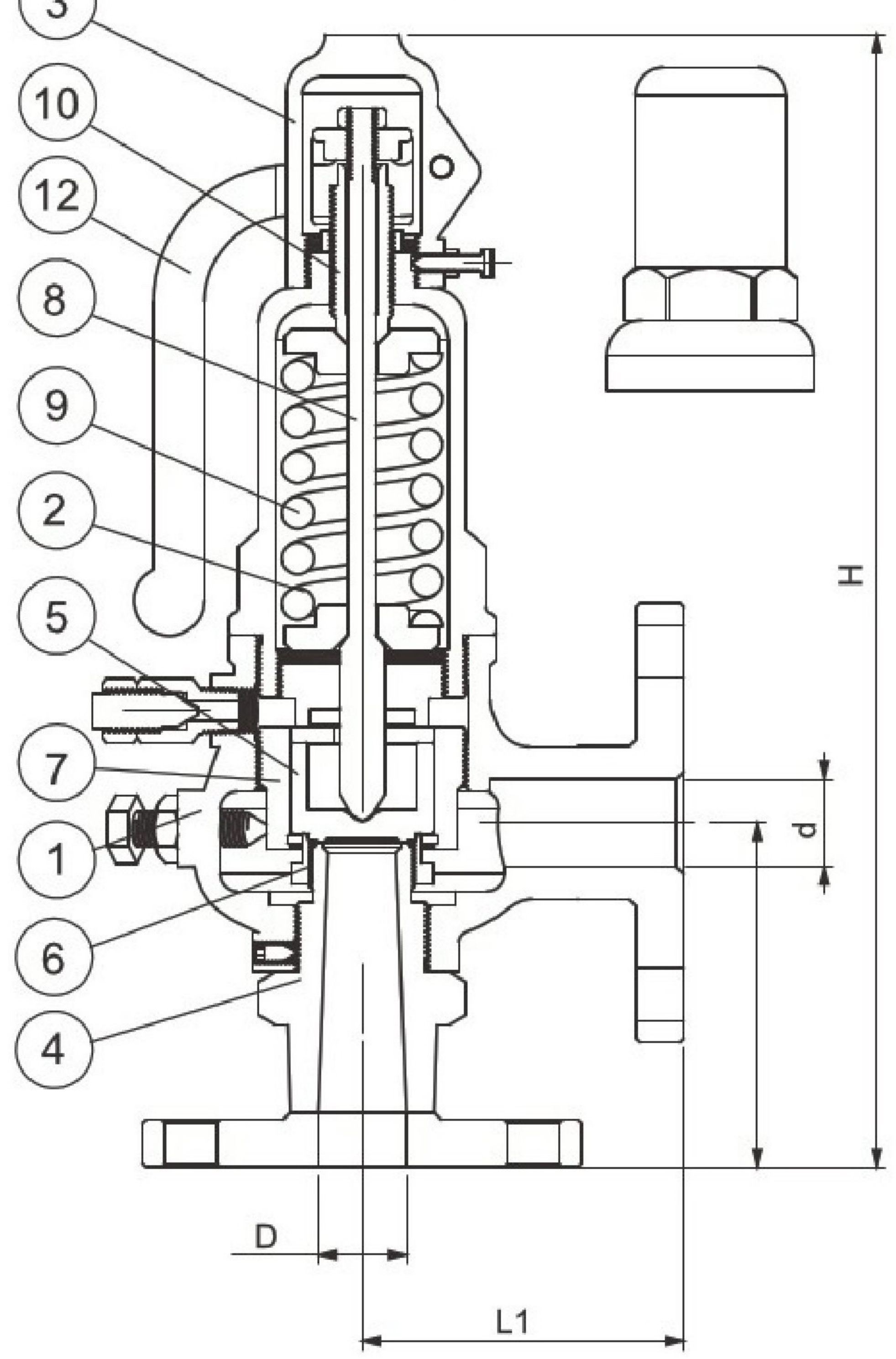
*適用於鍋爐、高壓容器

NO.	NAME	MATERIAL			
1	閥體 BODY	FC20	SUS304	WCB	SCS 14
2	閥蓋 BONNET	FC20	SUS304	WCB	SCS 14
3	帽蓋 CAP	FC20	SUS304	WCB	SCS 14
4	閥盤 DISC	SUS304	SUS304	SUS304	SCS 14
5	閥桿座 STEM GUIDE	FC20	SUS304	SUS304	SUS316
6	閥桿 STEM	SUS410	SUS304	SUS304	SUS316
7	彈簧 SPRING	SWPA	SUS304	SWPA	SUS316
8	調整螺絲 ADJUSTING SCREW	SUS410	SUS304	SUS410	SUS316
9	拉桿 HANDLE	WCB	SUS304	WCB	SUS316
10	閥座 SEAT	SUS304	SUS304	SUS304	SCS 14

出徑	入徑	喉徑面積 Throat Dia	揚程 Lift	出入口中心		高 Height
d	D	n(mm)	l	L1	L2	H
25	25	54.9	0.7	89	74	300
32	32	80.3	0.8	105	110	390
40	40	125.6	1	105	110	390
50	50	204.1	1.3	110	110	399
65	65	346.9	1.7	117	116	460
75	75	447.4	2	147	146	517
100	100	788	2.5	189	180	624
125	125	1256	3.2	190	183	720
150	150	1789.8	3.8	210	210	800

FULL BORE SAFETY VALVE 大型雙邊法蘭全量型安全閥

SF-13 SF-14



Fluid：Steam,Air,Gas,Liquid.
Temperature：MAX=300˚C ,Min=-5˚C
Connection：Flanged ANSI 300,150,,jis10K
Pressure：
FC：0.3~10Kg
WCB：0.3~40Kg
SUS：0.3~40Kg

流體：蒸氣、空氣、液體
使用溫度：-5˚ c~300˚ c
接口規格：法蘭ANSI300, 150, JIS10K
壓力範圍：
鑄鐵：0.3~10Kg
鑄鋼：0.3~40Kg
不鏽鋼：0.3~40Kg

SF-14

*適用於鍋爐、高壓容器

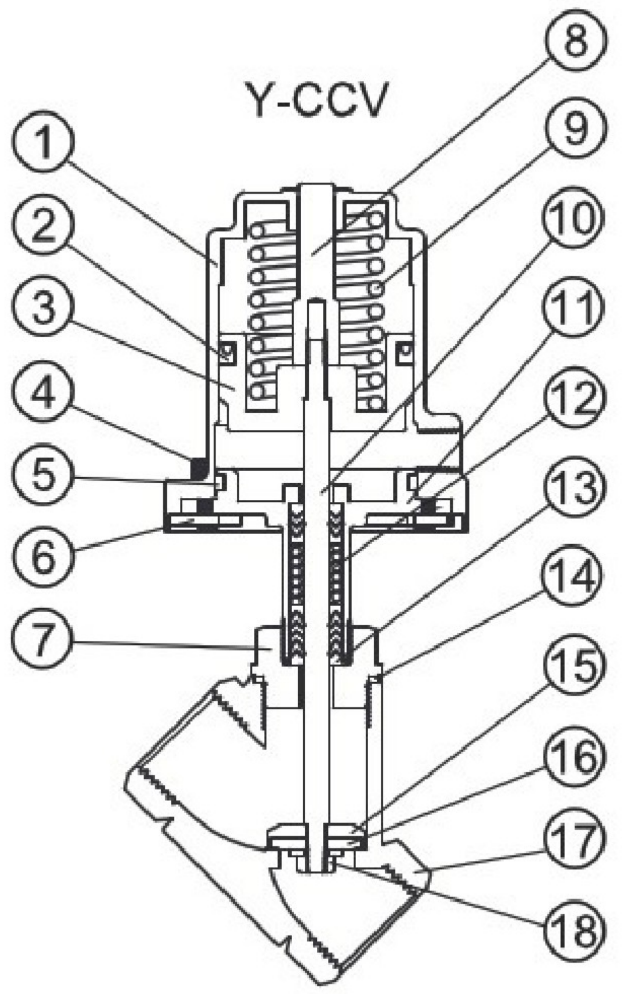
材質表 General material

NO.	NAME	MATERIAL			
		FC	SCS 13	SCS 14	WCB
1	閥體 BODY	FC20	SCS 13	SCS 14	WCB
2	閥蓋 BONNET	FC20	SCS 13	SCS 14	WCB
3	帽蓋 CAP	FC20	SCS 13	SCS 14	WCB
4	閥座 BODY SEAT	SUS304	SUS304	SCS 14	SUS304
5	閥盤 VALVE DISC	SUS304	SUS304	SCS 14	SUS304
6	下環 LOWER RING	SCS 13	SCS 13	SCS 14	SCS 13
7	上環 UPPER RING	SCS 13	SCS 13	SCS 14	SCS 13
8	閥桿 STEM	SUS304	SUS304	SUS316	SUS304
9	彈簧 SPRING	SUP 6	SUS304	SUS316	SUP 6
10	調整螺絲 ADJUSTING SCREW	SUS410	SUS304	SUS316	SUS410
11	下環固定螺絲ROOT SCREW	SS 310	SUS304	SUS316	SS 310
12	拉桿 LEVER	WCB	SUS304	SCS 14	WCB

尺寸表 Dimension (SF-13 SF-14)

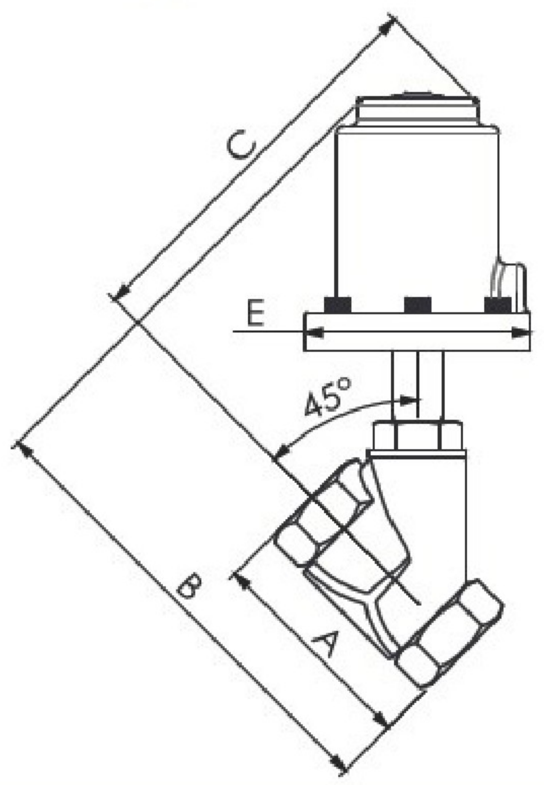
口徑 Seat Dia	喉徑面積 Throat Dia		揚程 Lift	出入口中心		高 Height
di*dt*do	dt	n(mm)	l	L1	L2	H
25*19*40	19	283.3	5	88	90	355
40*30*50	30	706.5	7.5	100	120	400
50*38*80	38	1133.5	9.5	105	125	450
65*49*100	49	1884.7	12.5	155	140	395
80*61*125	61	2920.9	15.5	175	160	480
100*76*150	76	4534.1	19	205	180	555
150*115*200	115	10381.6	29	255	220	815

"Y" TYPE CYLINDER CONTROL VALVES Y型汽缸式控制閥

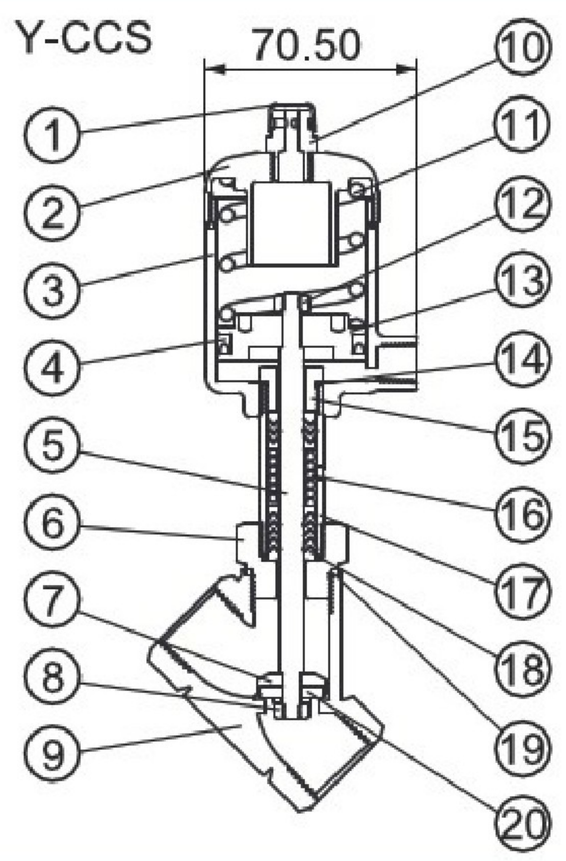


適合流體 ： 水，空氣，蒸氣，油
SUITABLE FLUIDS : WATER，AIR，STEAM，OIL。
工作壓力 : 0~20Kg/cm2
WORKING PRESSURE
工作溫度 : 0˚C~180˚C
WORKING TEMP

材質表 General material		
NO	NAME	MATERIAL
1	汽缸 CYLINDER	CF8
2	U型環 UHS-RING	NBR
3	活塞 PISTON	AL
4	螺絲 SCREW	SUS304
5	O型環 O-RING	NBR
6	固定片 FIXED NUT	SUS304
7	閥螺帽 VALVE NUT	SUS304
8	指示桿 INDICATOR SHAFT	AL
9	彈簧 SPRING	SWPB
10	閥桿 STEM	SUS316
11	汽缸座 CYLINDER BASE	SUS304
12	彈簧 SPRING	SUS304
13	密封 GASKET	PTFE
14	密封 GASKET	PTFE
15	閥座 SEAT	SUS304
16	密封墊片 GASKET	PTFE
17	閥體 BODY	CF8M
18	螺母 NUT	SUS304



尺寸表 Dimenssion						
SIZE	A	B	C	E	MAX.PRESSURE (Kg/cm2)	OPERATING PRESSURE (Kg/cm2)
1/4" (8)	65.5	174	150	93	0~16	3~10
3/8" (10)	65.5	174	150	93	0~16	3~10
1/2" (15)	65.5	174	150	93	0~16	3~10
3/4" (20)	75	182	157	93	0~16	3~10
1" (25)	90	192	164	93	0~16	3~10
1-1/4"(32)	111.5	234	203	117	0~16	3~10
1-1/2"(40)	122	241	205	117	0~16	3~10
2" (50)	152	256	212	117	0~16	3~10
2-1/2"(65)	182	248	252	117	0~16	3~10



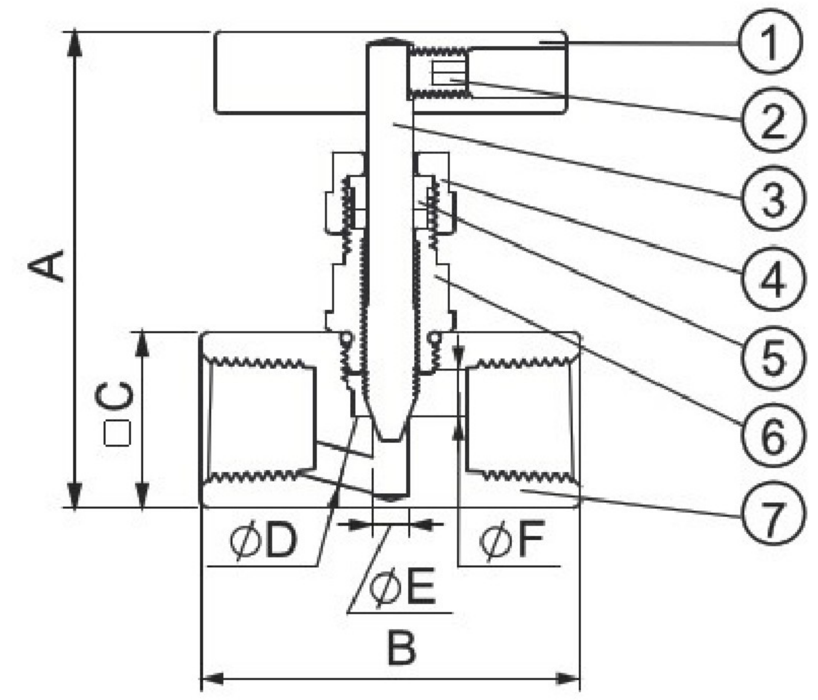
適合流體 ： 水，空氣，蒸氣，油
SUITABLE FLUIDS : WATER，AIR，STEAM，OIL。
工作壓力 : 0~20Kg/cm2
WORKING PRESSURE
工作溫度 : 0˚C~180˚C
WORKING TEMP

尺寸表 Dimenssion		
SIZE	MAX.PRESSURE (Kg/cm2)	OPERATING PRESSURE (Kg/cm2)
1/2" (15)	0~16	3~10
3/4" (20)	0~16	3~10
1" (25)	0~16	3~10

材質表 General material		
NO.	NAME	MATERIAL
1	覆蓋罩 COVER	SUS304
2	汽缸蓋 CYLINDER COVER	CF8
3	汽缸 CYLINDER	CF8
4	U型環 UHS-RING	NBR
5	閥桿 STEM	SUS316
6	閥螺帽 VALVE NUT	SUS304
7	閥座 SEAT	SUS304
8	螺母 NUT	SUS304
9	閥體 BODY	CF8M
10	呼吸螺母 NUT	BRASS
11	彈簧 SPRING	SWPB
12	螺母 NUT	SUS304
13	活塞 PISTON	AL
14	O型環 O-RING	NBR
15	螺拴 STUD BOLT	BRASS
16	彈簧 SPRING	SUS304
17	接管 TUBE	SUS304
18	密封 GASKET	PTFE
19	密封 GASKET	PTFE
20	密封墊片 GASKET	PTFE

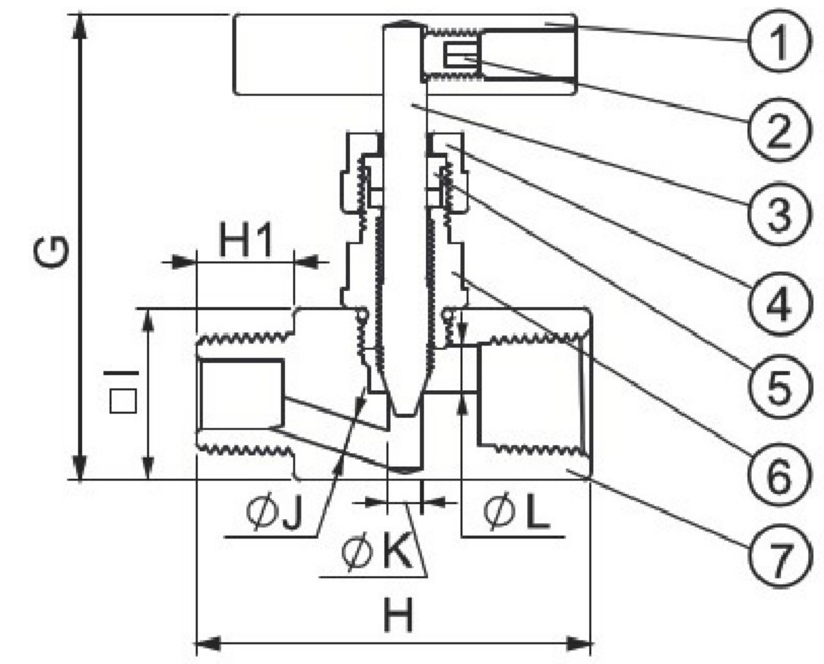
6000 PSI STAINLESS STEEL NEEDLE VALVES 不鏽鋼針閥

材質表 General material		
NO.	NAME	MATERIAL
1	把手 HANDLE	SUS304
2	螺絲 SCREW	SUS304
3	心子 SPINDLE	SUS316
4	螺帽 NUT	SUS304
5	上環 PACKING	PTFE
6	底座 BASE	SUS304
7	本體 BODY	CF8M



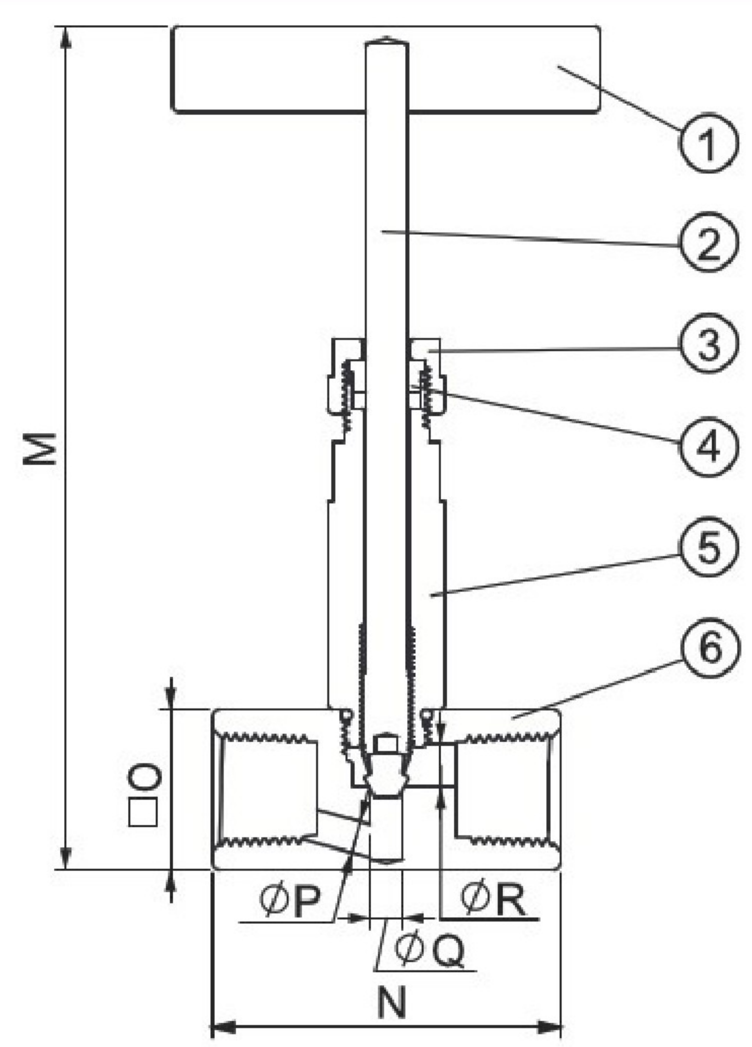
ND-6000

尺寸表 Dimension (ND-6000 內牙式)						
SIZE	A	B	□C	ØD	ØE	ØF
1/8"	77	45.5	22	5	6	5
1/4"	77	45.5	22	5	6	5
3/8"	78	59.5	25	5	6	6.3
1/2"	81	65	30	6	6	8
3/4"	113	70	35	8	8	10
1"	116	80	45	8	8	12
1 1/2"	154.5	100	60	10	10	12
2"	165.5	110	73	11	11	13.5



ND-6000M

尺寸表 Dimension (ND-6000M 內牙式)							
SIZE	G	H1	H	□I	ØJ	ØK	ØL
1/4"	77	14	54	22	5	6	5
3/8"	78	15	60.5	25	5	6	6.3
1/2"	81	17	69	30	6	6	8
3/4"	113	18	76	35	8	8	10
1"	116	21	83	45	8	8	12



NDL-6000

尺寸表 Dimension (NDL-6000 內牙式)						
SIZE	M	Q	□O	ØP	ØQ	Ø
1/2"	157.2	65	30	6	6	8
3/4"	164	70	35	8	8	10

ND 6000

ND-6000M

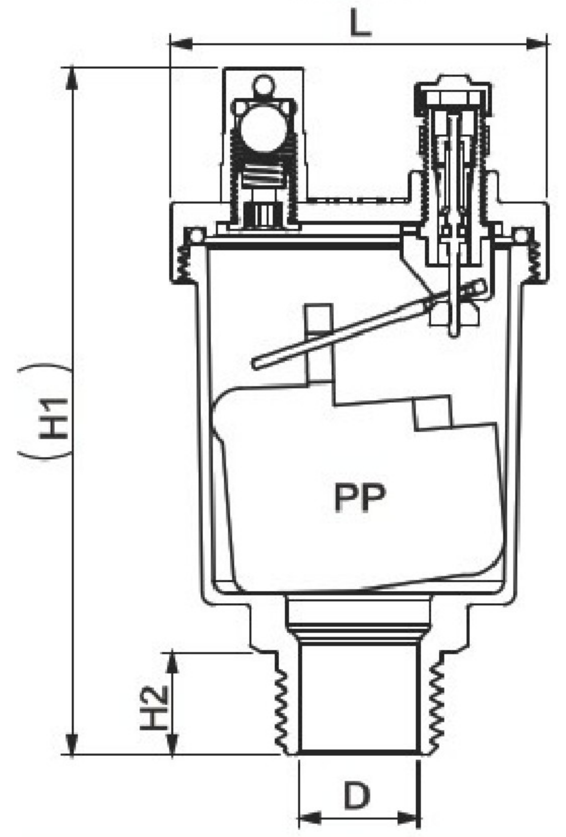
NDL-6000

ABV / ABVS 自動呼吸閥 BREATHING VALVE

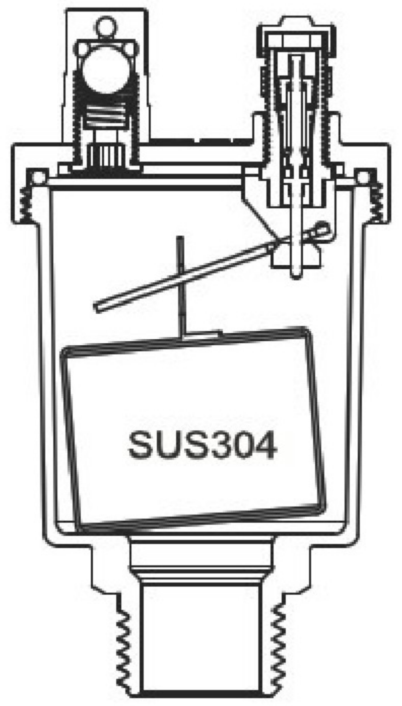
- Automatic intake when the pressure inside the pipe is negative.
- **當管道內為負壓時自動進氣。**
- It can effectively remove the air from the pipeline, reduce the noise caused by the air inside the pipeline or effect the waterway control mechanism.
- **有效的排除管道中的空氣，減少管道內空氣產生的噪音或影響水路控制機制。**
- It is recommended to be installed at the high point of the pipe,in order to remove the air from the pipe and can only be placcd vertically.
- **建議安裝在管道的高處，以便從管道中輕鬆排氣，僅適用於垂直安裝。**
- A shut-off valve is recommended in the front for the easy maintenance.
- **前端連遮斷閥，以便於維護。**

◎Easy installation and operation { Screw thread (PT, NPT, PF) }
◎容易安裝使用 牙口規格: PT, NPT, PF

ABV



ABVS



適用介質 Applicable medium		純水 (浮球使用PP 或 SUS304) 輕質油 (浮球使用SUS304) Pure water (Floating ball using PP or SUS304) Light oil (Floating ball using SUS304)
最大工作壓力 Working pressure		Maximum 20Bar
最高工作溫度 Working Temperature		Maximum 200°C
材質 Material	本體&本體蓋 Body & Main body lid	CF8M / CF8
	帽蓋 CAP	BRASS
	浮球&導桿 Ball float & Guide rod	PP / SUS304
	閥片&密封 Disc & Packing	Silicon
其它配件 Other parts		SUS 304

Dimension		mm		
Size P	L	H1	H2	D
3/8"	47.5	84.4	12.5	11
1/2"		86.7	13	15
3/4"		88.7	15	20.5
1"		91.7	16	24

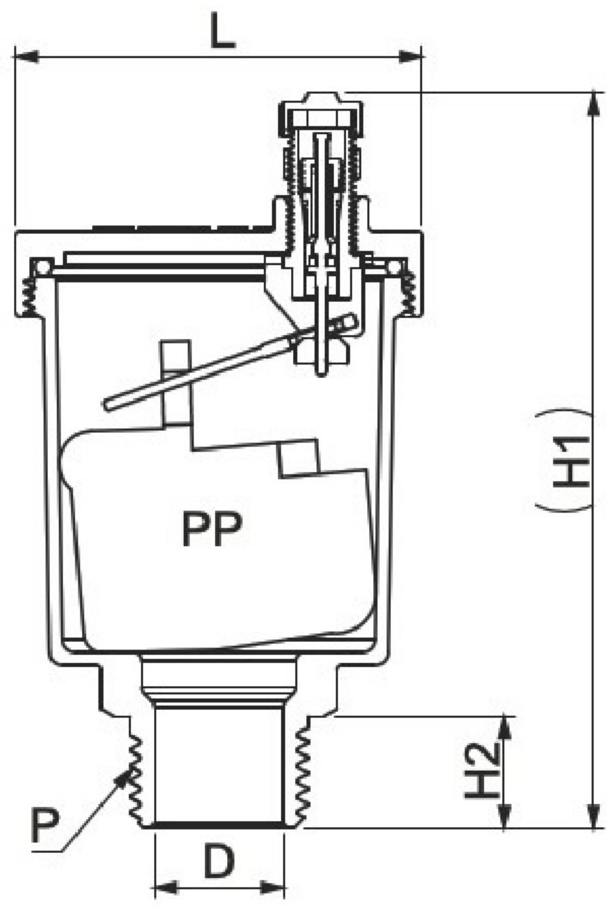
TYPE 選型			
Type 型號		Type 型號	Thread type 螺紋類型
ABV 3/8"	Or	ABVS 3/8"	PT NPT PF
ABV 1/2"		ABVS 1/2"	
ABV 3/4"		ABVS 3/4"	
ABV 1"		ABVS 1"	

AEV / AEVS 自動排氣閥 EXHAUST VALVES

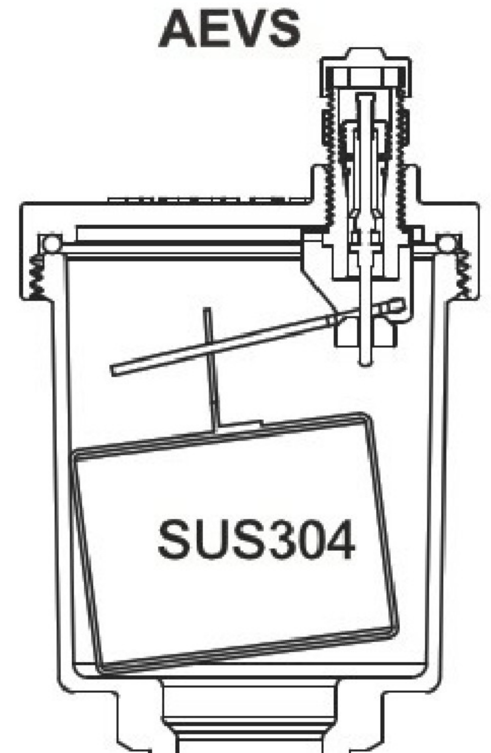
- Only exhaust gas, Gas separation structure.
- **只排氣不排水，水氣分離結構設計。**
- It is recommended to be installed at the high point of the pipe,in order to remore the air from the pipe and can only be placcd vertically.
- **建議安裝在管道的高處，以便從管道中輕鬆排氣，僅適用於垂直安裝。**
- A shut-off valve is recommended in the front for easy maintenance.
- **前端連遮斷閥，以便於維護。**

◎Easy installation and operation { Screw thread (PT, NPT, PF) }
◎容易安裝使用 牙口規格: PT, NPT, PF

AEV



AEVS



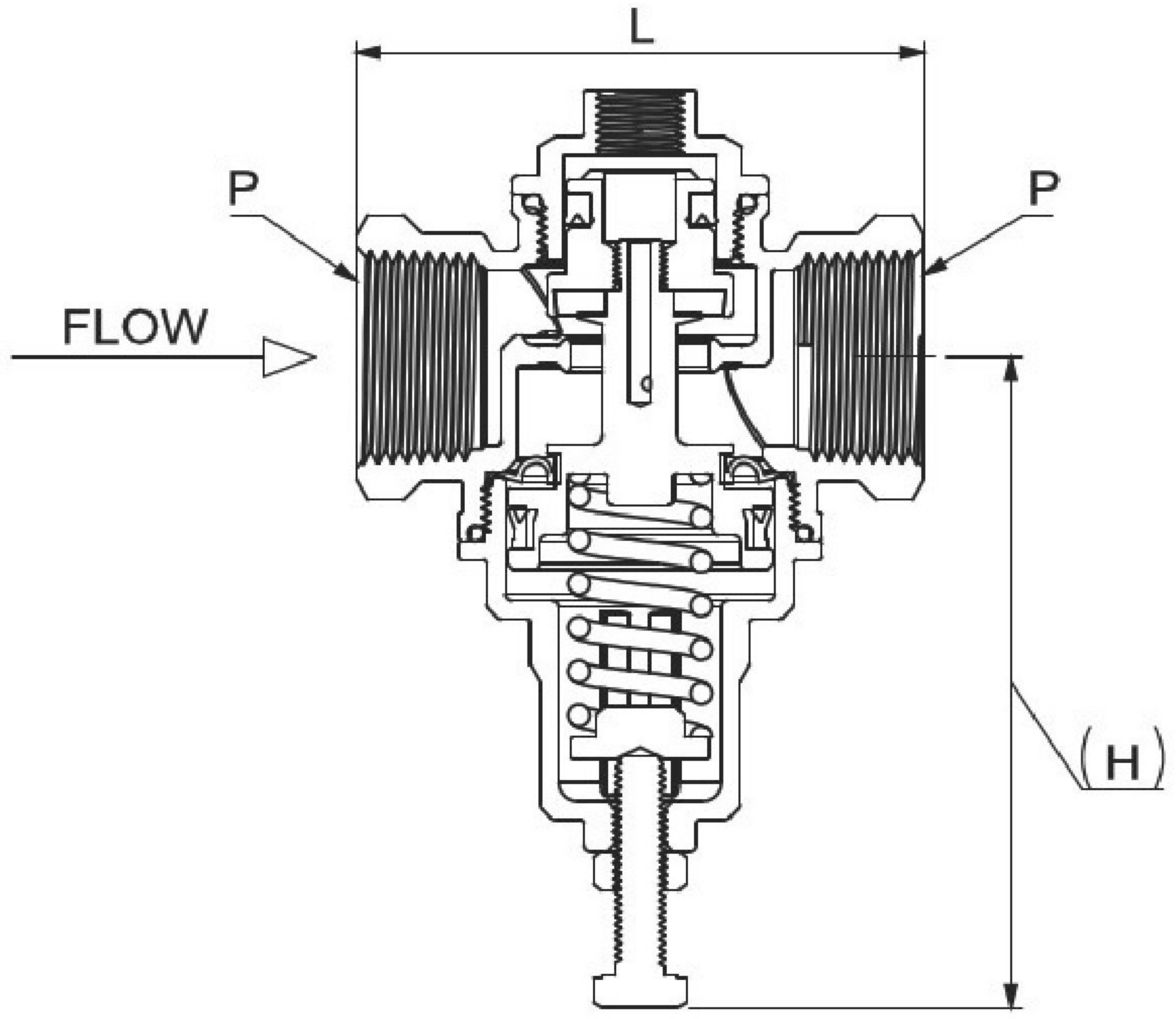
適用介質 Applicable medium		純水 (浮球使用PP 或 SUS304) 輕質油 (浮球使用SUS304) Pure water (Floating ball using PP or SUS304) Light oil (Floating ball using SUS304)
最大工作壓力 Working pressure		Maximum 20Bar
最高工作溫度 Working Temperature		Maximum 200°C
材質 Material	本體&本體蓋 Body & Main body lid	CF8M / CF8
	帽蓋 CAP	BRASS
	浮球&導桿 Ball float & Guide rod	PP / SUS304
	閥片&密封 Disc & Packing	Silicon
其它配件 Other parts		SUS 304

Dimension		mm		
Size P	L	H1	H2	D
3/8"	47.5	83.5	12.5	11
1/2"		85.8	13	15
3/4"		87.8	15	20.5
1"		90.8	16	24

TYPE 選型			
Type 型號		Type 型號	Thread type 螺紋類型
AEV 3/8"	Or	AEVS 3/8"	PT NPT PF
AEV 1/2"		AEVS 1/2"	
AEV 3/4"		AEVS 3/4"	
AEV 1"		AEVS 1"	

PRV SERIES 直動減壓閥 (內牙式)
DIRECT ACTIVATED PRESSURE REDUCING VALVE

- Application: Pipeline / Pressure vessel
- **適用設備：管路/壓力容器**
- Applicable medium:Water ; air ; oil ; and weak acid / alkaline fluid
- **適用介質：水；空氣；油；及弱酸鹹性流體**
- Can adjust the pressure on the outlet and stabilize the pressure in the pipe .
- **可調節出口壓力，同時達到穩壓的效果**



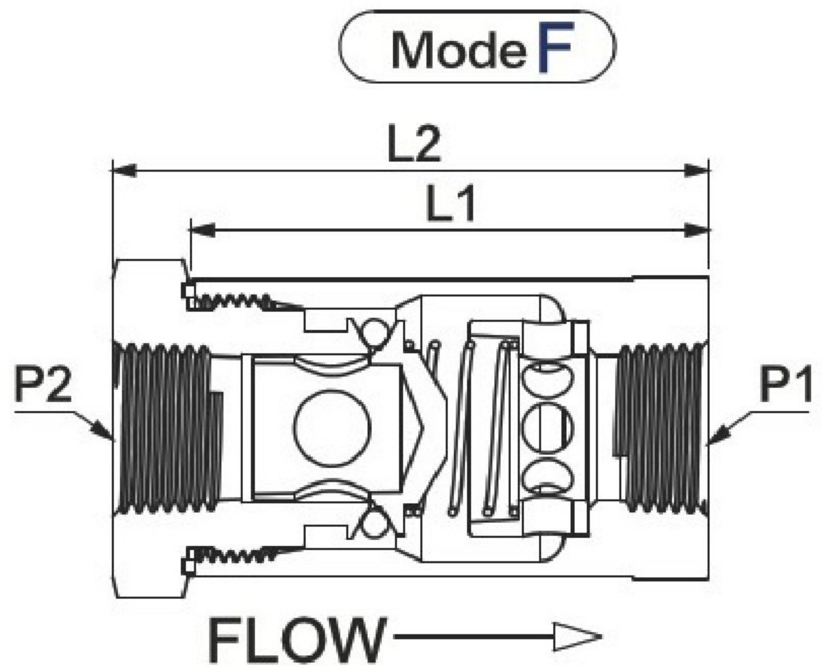
入口側最大壓力	Maximum Intlet Pressure	1.96Mpa (20 kgf/cm²)
使用溫度範圍	Temperature range	-15˚C~100˚C (一般用 General use)
		-15˚C~200˚C (蒸氣用 Vapor use)
材質 Material	本體.閥蓋 Body.Bonnet	CF8M / CF8
	閥座.軸心 Seat.Stem	SUS304 / SUS316
	Oring.軟墊.膜片 Disc.Diaphragms	VITON
公稱直徑	Nominal diameter	(15 . 20 . 25 . 32 . 40 . 50)

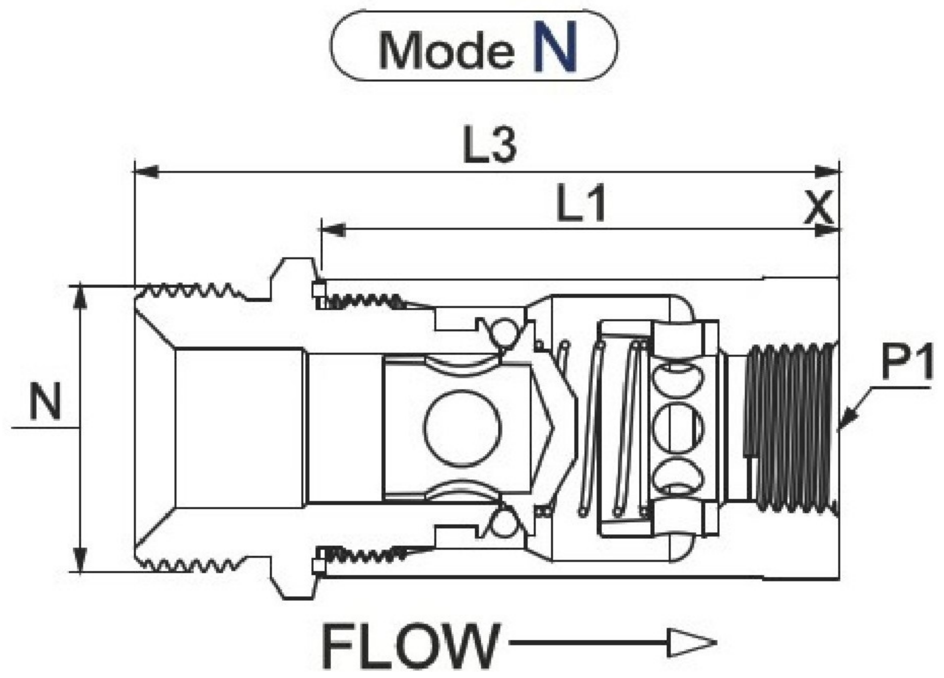
Dimension		mm
Size P	L	(H)
1/2"	70.5	101
3/4"	85.6	101.6
1"	90.5	103.7
1-1/4"	98	105.5
1-1/2"	115.2	153.2
2"	120.8	153.7

TYPE 選型	
Type 型號	Pressure Range Mpa(kgf/cm²) 調壓範圍 Mpa(kgf/cm²)
PRV 1/2"	0.0098~0.588Mpa (1~6 kgf/cm²) 0.392~0.98Mpa (4~10 kgf/cm²) 0.294~1.274Mpa (3~13 kgf/cm²)
PRV 3/4"	
PRV 1"	
PRV 1-1/4"	
PRV 1-1/2"	
PRV 2"	

CVM SERIES 單向閥 CHECK VALVE

- Application: LNG car bottle ; Cryongenic tank ; Cryongenic vessel.
- **適用設備：車載瓶；低溫儲罐；低溫容器**
- Applicable medium ; LNG ; LO2 ; LN2 ; LAR; and non-corrosive gas
- **適用介質：LNG；LO2；LN2；LAR; 及非腐蝕性氣體**
- Temperature range ; -196°C ~ 80°C
- **溫度範圍：-196°C~80°C**
- Maximum working pressure ; 3000 psi
- **最大工作壓力：3000psi**
- Opening pressure ; 0.1~10 psi
- **開啟壓力：0.1~10 psi**
- Caliber specifications ; 1/2”，3/4”
- **口徑規格：1/2”，3/4”**
- High flow, zero leak, Valves are cleaned by CGA-G-4.1 standard for the oxygen application . 100% factory test.
- **高流量，零洩漏，依照CGAG-4.1 標準清洗. 100%出場測試**





零件 Component	材質 Material
本體 Body	黃銅Brass / SUS304
入口接頭 Inlet cap	黃銅Brass / SUS304
彈簧座 Spring retainer	黃銅Brass / SUS304
閥芯 Poppet	黃銅Brass / SUS304
止回環 Check ring	PTFE
彈簧 Spring	SUS304

Dimension 規格尺寸					
P1	P2	N	L1 inch (mm)	L2 inch (mm)	L3 inch (mm)
1/2” NPT	1/2” NPT	M36X2.0 M30X1.5	2.56(65)	2.93(74.5)	3.46(88)
3/4” NPT	3/4” NPT		2.99(75.8)	3.39(86)	

TYPE 選型						
	Body material 閥體材質	Connection structure 接口連接	Floating O-ring 阻塞環	Size 尺寸	Opening pressure 開起壓力	Medium 選項
CVM	B Brass S SUS304	F P1*P2(內螺紋*內螺紋) N P1* N (內螺紋*外螺紋)	T PTFE	03 1/2” 04 3/4”	1 0.1~0.4psi 2 0.5~1psi 3 2~4psi 4 6~10psi	S Standard OX Oxygen

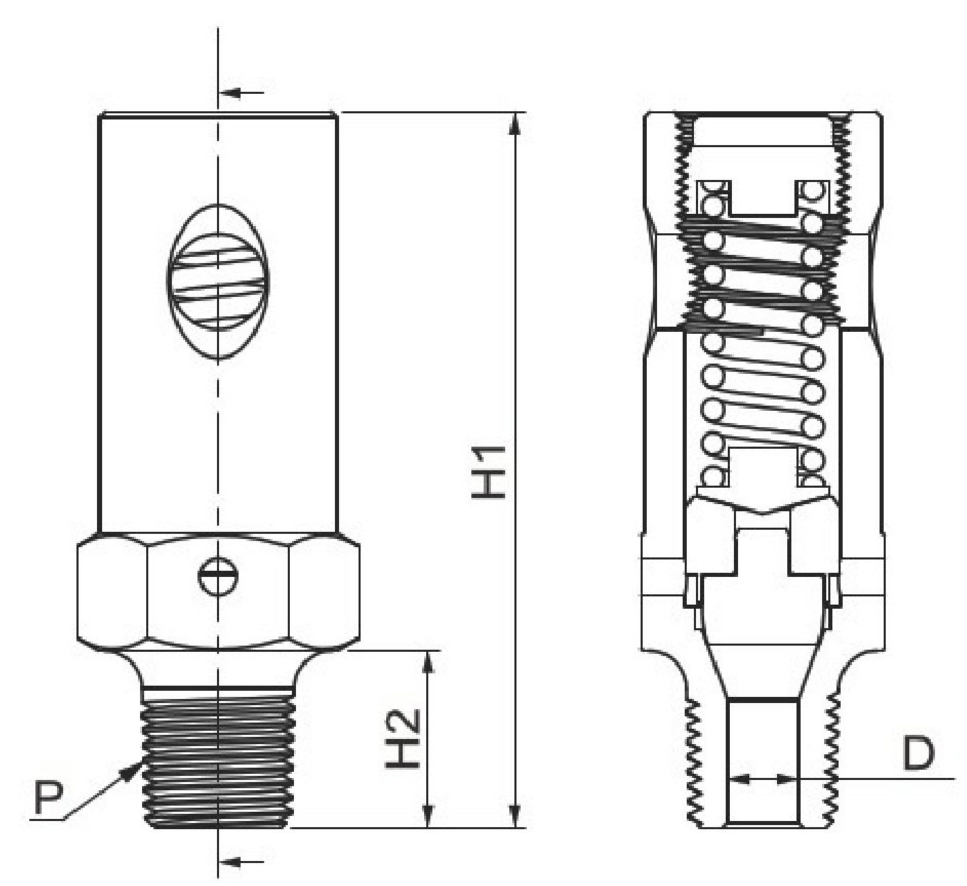
*Example: *CVM-BNT032OX (M36) or CVM-BFT032OX*

Cryogenic Application

低溫應用系列

KL SERIES 冷媒安全閥 REFRIGERANT SAFETY VALVE

■ Application: Refrigerant pressure vessel / Reservoir
■ **適用設備: 冷媒壓力容器／儲適用設備: 冷媒壓力容器／儲液器設備液器設備**
■ Applicable medium: Refrigerant, frozen oil, and water
■ **適用介質: 冷媒,冷凍油及水**
■ Temperature range: -40˚C ~ 149˚C
■ **溫度範圍: -40˚C~149˚C**
■ Maximum Inlet Pressure: 600 psi
■ **最大進氣壓力: 600 psi**
■ Set pressure range:10~600 psi
■ **設定壓力範圍: 10 ~ 600 psi**
■ Caliber specifications:1/4";3/8"
■ **口徑規格: 1/4" ; 3/8"**
■ Valves are cleaned by CGA-G-4.1 standard for the oxygen application . 100% factory test.
■ **依照CGA G-4.1標準清洗,100%出廠測試**
■ Pressure presetted and glue fixed.
■ **出廠壓力設定完成後點膠固定**



零件 Component	材質 Material
本體 Body 閥座 Poppet 調壓螺絲 Adjusting Screw	黃銅 Brass
彈簧 Spring	鋼 STEEL
密封 Seal	PTFE
其他配件 Other parts	黃銅 Brass

Dimension 規格尺寸

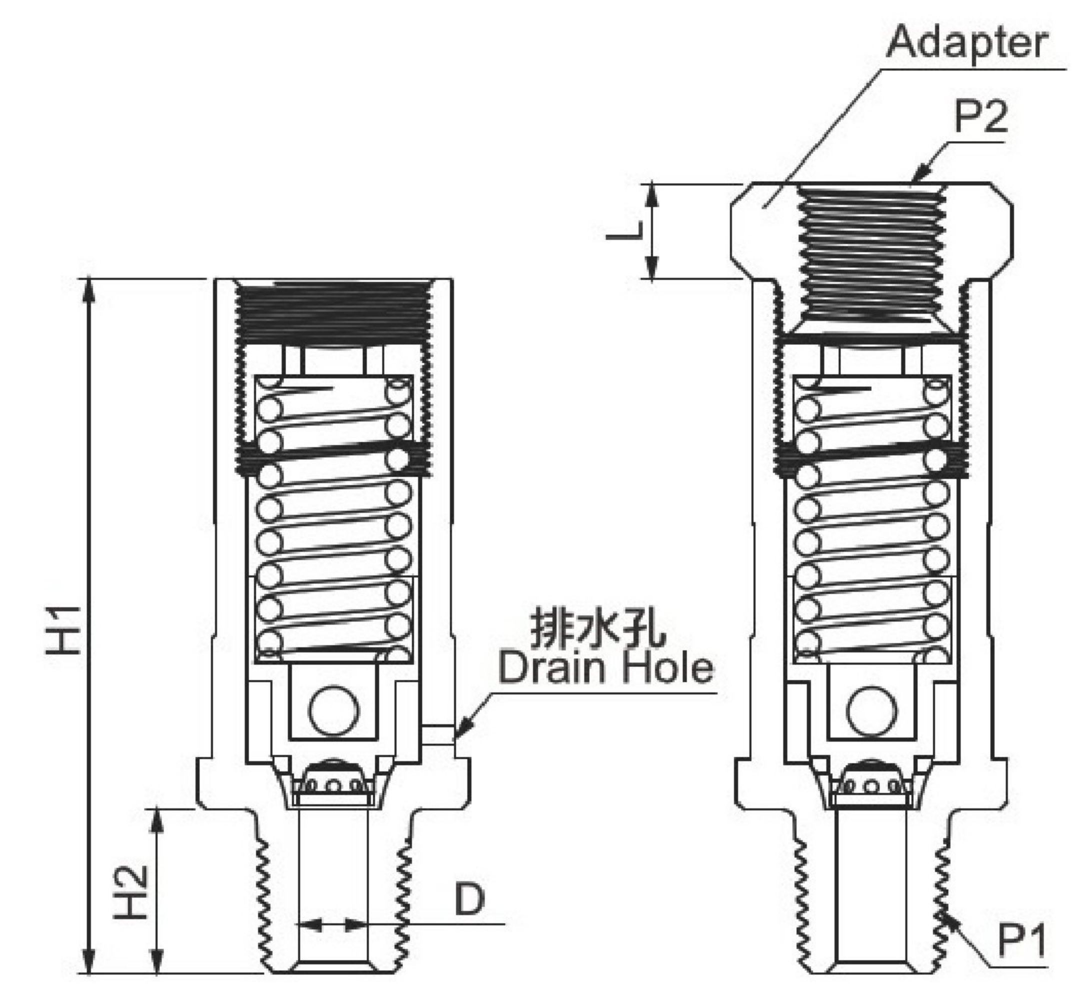
P	D (mm)	H1 (mm)	H2 (mm)
1/4 PT	6.35	64.6	16
3/8 PT	9.5		

TYPE 選型

Type 類型	Size 尺寸	Set Press 設定壓力
KL	02:(1/4")	10~600 Psi
	03:(3/8")	

MCA SERIES 低溫安全閥 RELIEF VALVE

■ Application: cryogenic pipeline / cryogenic pressure vessel
■ **適用設備: 低溫管路/低溫壓力容器**
■ Applicable medium: LNG; LO2; LN2; LAR; and non-corrosive gas
■ **適用介質: LNG ; LO2 ; LN2 ; LAR ; 及非腐蝕性氣體**
■ Temperature range: -196˚C ~ 74˚C
■ **溫度範圍: -196˚C ~ 74˚C**
■ Maximum Inlet Pressure: 10 ~ 600 psi
■ **最大進氣壓力: 10 ~ 600 psi**
■ Set pressure range: 50 ~ 600 psi
■ **設定壓力範圍: 50 ~ 600 psi**
■ Caliber specifications: 1/4"; 3/8"; 1/2"
■ **口徑規格: 1/4" ; 3/8" ; 1/2"**
■ Valves are cleaned by CGA-G-4.1 standard for the oxygen application . 100% factory test.
■ **依照CGA G-4.1標準清洗,100%出廠測試**
■ Pressure presetted and permanently locked.
■ **出廠壓力設定完成後 固定**



零件 Component	材質 Material
本體 Body 閥座 Poppet 調壓螺絲 Adjusting Screw 轉接頭 Adapter	黃銅 C36000
彈簧 Spring	不鏽鋼 SUS302
密封 Seal	鐵氟龍 Teflon

Dimension 規格尺寸

P1	H1 inch (mm)	P2	L inch (mm)	H2 inch (mm)	D inch (mm)
1/4" NPT	2.63"(66.7)	1/4" NPT	11/32" (8.73)	0.6" (15.2)	0.28" (7.1)
3/8" NPT		3/8" NPT	11/16" (17.46)		
1/2" NPT		1/2" NPT	3/4" (19.05)		

TYPE — Standard product with no adaptor標準出廠無附轉接頭

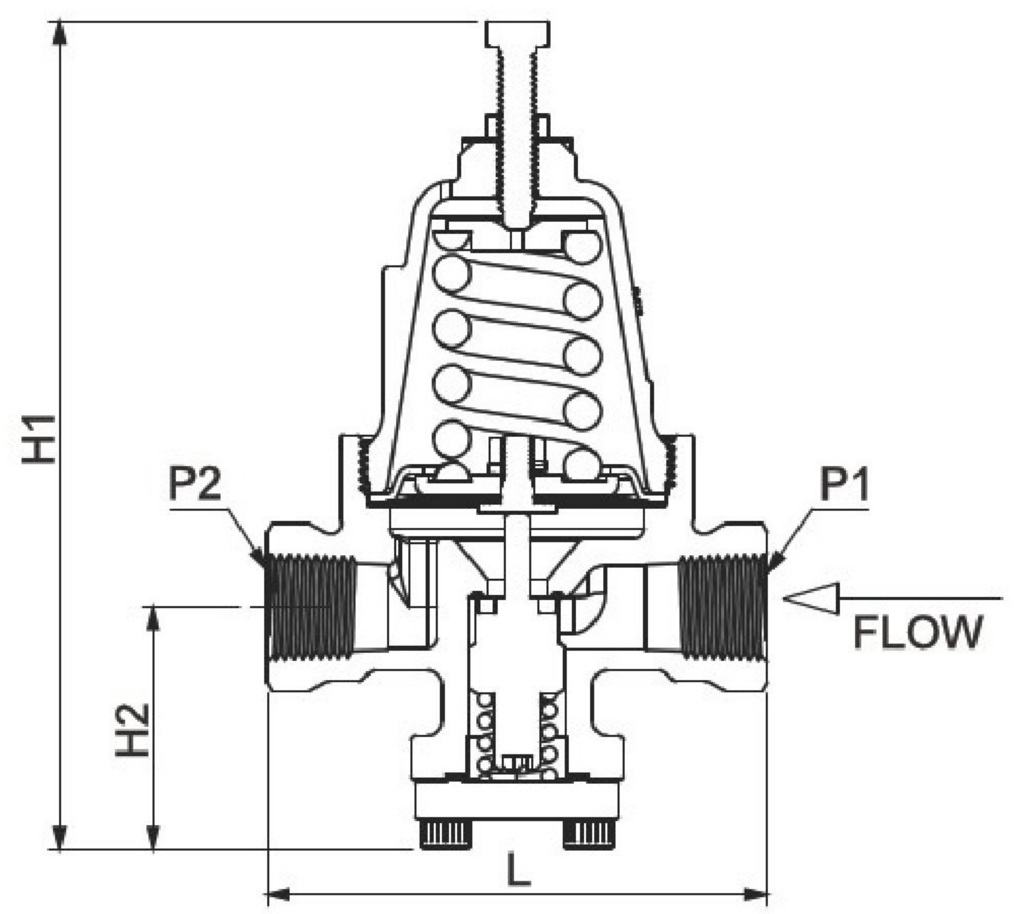
Type 類型	Size 尺寸	Set Press 設定壓力	Drain Hole 排水孔	Adapter 轉接頭
MC-A	02:(1/4")	50~600Psi	A: 有 (exist) B: 無 (nix)	02 (NPT/PT):(1/4") 03 (NPT/PT):(3/8") 04 (NPT/PT):(1/2")
	03:(3/8")			
	04:(1/2")			

*Example: *MC-A 02NPT 350B 02NPT*

MRVC SERIES 緊湊型調壓閥(高壓低流) PRESSURE REGULATOR

- Application: cryogenic pipeline / cryogenic pressure vessel
- **適用設備:低溫管路/低溫壓力容器**
- Applicable medium: LNG; LO2; LN2; LAR; and non-corrosive gas
- **適用介質: LNG ; LO2 ; LN2 ; LAR ; 及非腐蝕性氣體**
- Temperature range: -196°C ~ 65°C
- **溫度範圍: -196℃ ~ 65℃**
- Maximum Initial Pressure : 600 psi
- **最大進氣壓力: 600 psi**
- Set pressure range: 20 ~ 600 psi
- **設定壓力範圍: 20 ~ 600 psi**
- Caliber specifications: 1/2"
- **口徑規格: 1/2”**
- Valves are cleaned by CGA-G-4.1 standard for the oxygen application . 100% factory test.
- **依照CGA G-4.1標準清洗,100%出廠測試**
- Can adjust the pressure on the outlet and stabilize the pressure in the pipe .
- **可調節出口壓力，同時達到穩壓的效果**

零件 Component	材質 Material
本體 Body 彈簧室 Spring Chamber 閥蓋 Bonnet	青銅 Bronze
彈簧 Spring 螺絲 Screw 螺帽 Nut	不鏽鋼 304
密封 Seal	PTFE FRP
閥座 Poppet	PTFE
膜片 Diaphragms	磷青銅 Phosphor Bronze
銘牌 Nameplate	鋁 Aluminum
其它配件 Other parts	黃銅 Brass

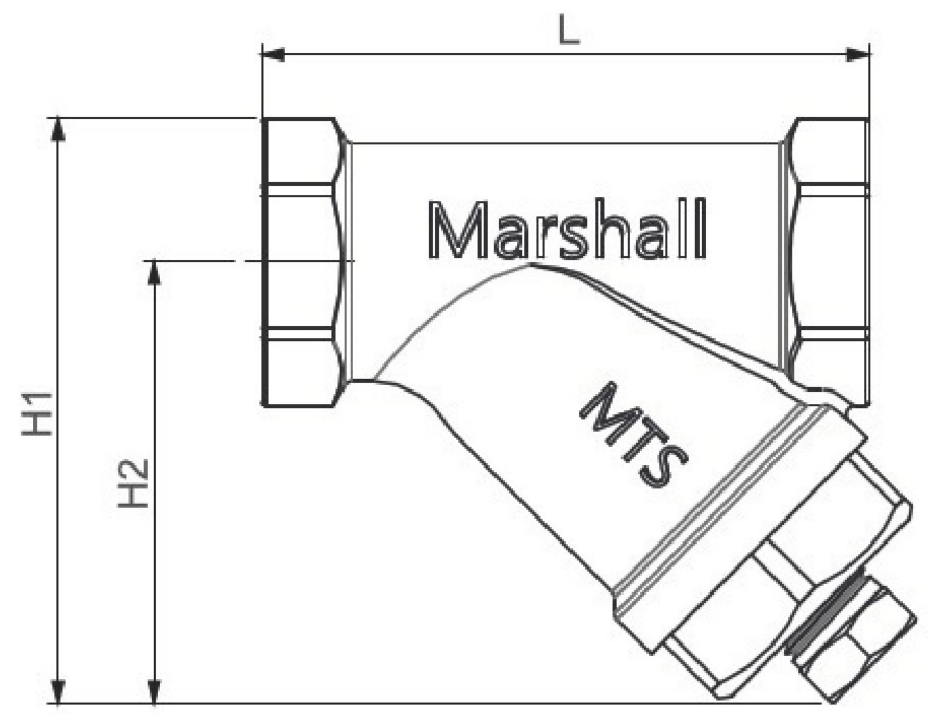


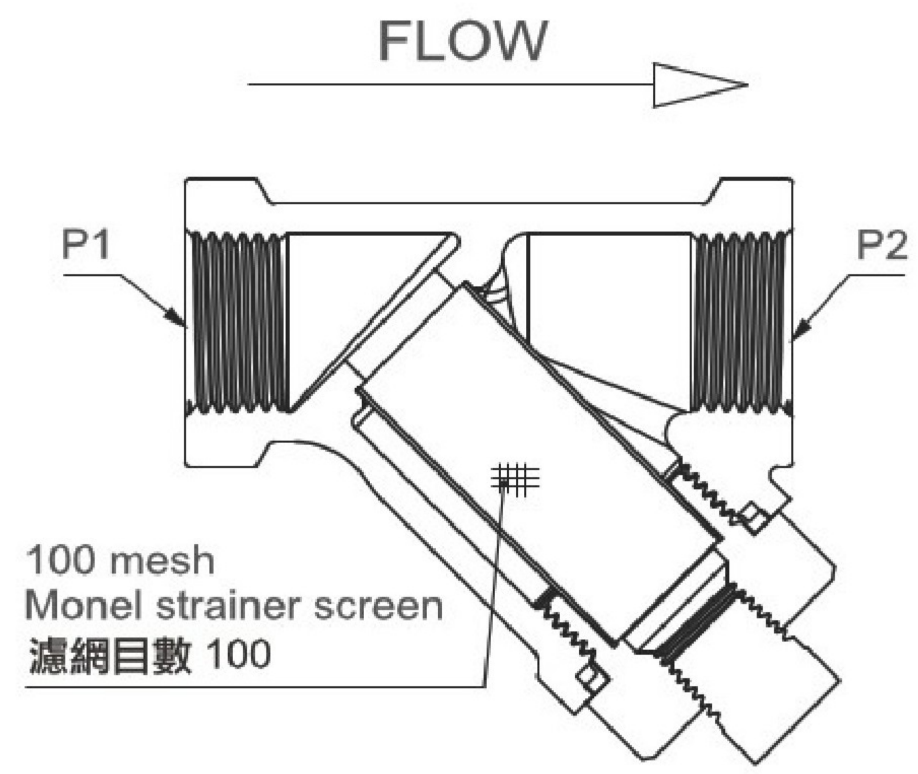
Dimension 規格尺寸				
P1	H1 inch (mm)	P2	H2 inch (mm)	L inch (mm)
1/2" NPT	6.62" (168.1)	1/2" NPT	1.93" (49.1)	4" (101.5)

TYPE 選型			
Type 型號	Maximum inlet pressure(Psi) 最大進氣壓力(Psi)	Inlet/Outlet Connection 進/出口連接	Pressure Range Mpa(Psi) 調壓範圍Mpa(Psi)
MRVC-101	600	1/2" NPT	0.14~0.41 (20~60)
MRVC-102	600	1/2" NPT	0.28~0.55 (40~80)
MRVC-103	600	1/2" NPT	0.52~0.86 (75~125)
MRVC-104	600	1/2" NPT	0.69~1.72 (100~250)
MRVC-105	600	1/2" NPT	1.38~2.76 (200~400)
MRVC-201	600	1/2" NPT	2.07~4.14 (300~600)

MTS SERIES Y型過濾器 PATTERN STRAINERS

- Application: cryogenic pipeline / cryogenic liquid
- **適用設備:低溫管路/低溫液體**
- Applicable medium: LNG; LO2; LN2; LAR; and non-corrosive gas
- **適用介質: LNG ; LO2 ; LN2 ; LAR ; 及非腐蝕性氣體**
- Temperature range: -196°C ~ 80°C
- **溫度範圍: -196℃ ~ 80℃**
- Pressure design: 600 WOG
- **設計壓力: 600 WOG**
- Caliber specifications: 1/2”
- **口徑規格: 1/2”**
- Valves are cleaned by CGA-G-4.1 standard for the oxygen application . 100% factory test.
- **依照CGA G-4.1標準清洗,100%出廠測試**





Dimension 規格尺寸				
P1	H1 inch (mm)	P2	L inch (mm)	H2 inch (mm)
1/2" NPT	2.7" (68.7)	1/2" NPT	2.8" (71.3)	2.04" (51.8)

零件 Component	材質 Material
本體 Body	黃銅 C36000
濾網 Strainer	蒙乃爾合金 Monel
密封 Seal	PTFE+FRP
閥座 Poppet 牙塞 Sealed plug	黃銅 Brass

TYPE 選型	
Type 類型	Size 尺寸
MTS	1/2"