

蝶閥 (把手式)

BUTTERFLY VALVE (LEVER HANDLE)

★材質：PVC & CPVC

★尺寸：2" ~ 8"

★廠牌：SUPERTUNG

★規格：美規 ANSI / 日規 JIS / 歐規 DIN



●螺絲孔符合美/日/歐(ASTM,JIS,DIN)安裝規格
Universal bolt holes suitable for ASTM,DIN and JIS standard

* 3"的螺絲孔8孔(歐規/日規)

3"- 8 bolt holes suitable for DIN and JIS

* 3"的螺絲孔4孔(美規)

3"- 4 bolt holes suitable for ANSI

●工作壓力 Working pressure : 150 PSI / 73°F

●低流量損失，齒輪片設計，可作流量調整操作
Low flow loss and Worm gear operators

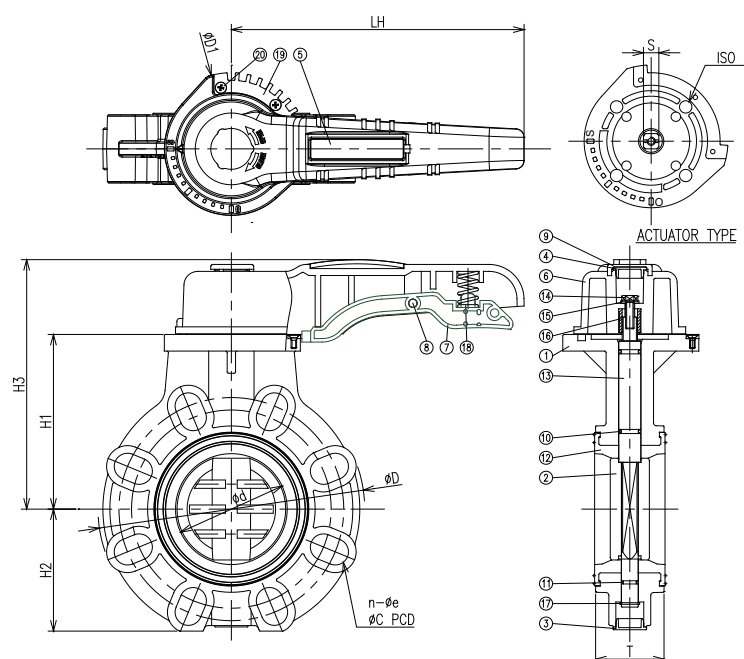
●把手可加裝鎖之設計 Handle lock design

●把手拆除後，頂部平面，有ISO 5211預留孔，可裝驅動器

Electric actuators and Pneumatic actuators holes suitable for ISO 5211 standard

●與法蘭配合安裝時，有防過鎖之保護設計

Protection for over tightening of mounting flange



No	PARTS NAME	Q'TY	MATERIAL
1	BODY	1	PVC , CPVC
2	DISC	1	PVC , CPVC
3	BODY CAP	1	ABS
4	HANDLE CAP	1	ABS
5	HANDLE CAP	1	ABS
6	HANDLE	1	ABS
7	SMALL HANDLE	1	PPG
8	PIN	1	PPG
9	CLEAR CAP	1	AS
10	STEM O-RING	2	EPDM , FPM
11	STEM O-RING	1	EPDM , FPM
12	SEAT	1	EPDM , FPM
13	STEM	1	SUS410
14	BOLT	1	SUS304
15	WASHER	1	SUS304
16	INSERT	1	SUS304
17	C-RING	1	SUS304
18	SPRING	1	SUS304
19	GEAR	1	SUS304
20	BOLT	3	SUS304

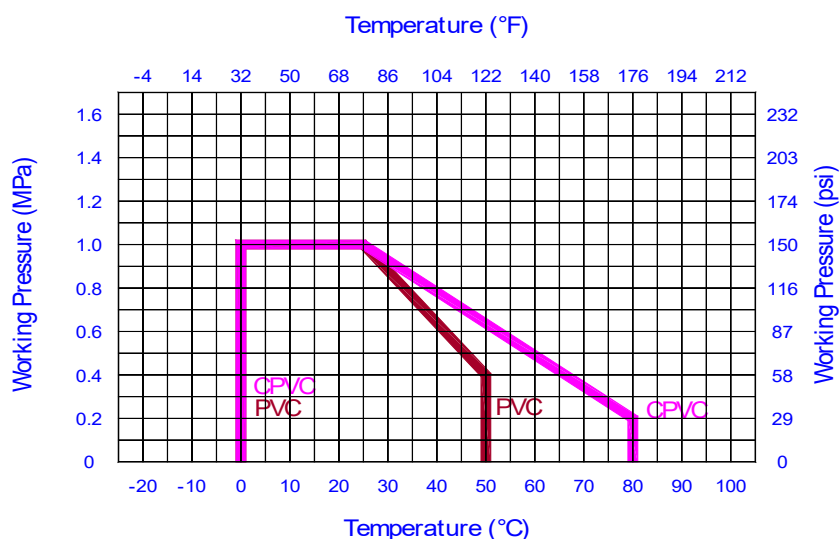
SIZE	D	T	LH	H1	H2	H3	d	美規 ANSI		歐規 DIN		日規 JIS		D1	S	ISO 5211
								吋 C	n- 吋 e	吋 C	n- 吋 e	吋 C	n- 吋 e			
2"(50mm)	156	43	210	103	72	158	57	120.7	4-19	125	4-18	120	4-19	110	11	F05 / F07
2-1/2"(65mm)	177	46	210	114	80	168	68	139.5	4-19	145	4-18	140	4-19	110	11	F05 / F07
3"(75mm)	191	49	210	126	88	180	78	152.4	4-19	160	8-18	150	8-19	110	11	F05 / F07
4"(100mm)	223	56	210	143	103	198	98	190.5	8-19	180	8-18	175	8-19	110	14	F07
5"(125mm)	253	64	280	170	117	234	122	215.9	8-19	210	8-18	210	8-23	156	17	F07 / F10
6"(150mm)	279	70	280	181	129	245	145	241.5	8-23	240	8-23	240	8-23	156	17	F07 / F10
8"(200mm)	337	71	330	218	162	287	195	298.5	8-23	295	8-23	290	12-23	156	22	F10

● Technical Information

項次 Item	品名 Description	尺寸 Size	材質 Material		
			主體 Body	墊座 Seat	O 環 O-ring
(1)	Butterfly Valve (Lever Handle)	2"(DN50)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(2)	Butterfly Valve (Lever Handle)	2-1/2"(DN65)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(3)	Butterfly Valve (Lever Handle)	3"(DN80)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(4)	Butterfly Valve (Lever Handle)	4"(DN100)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(5)	Butterfly Valve (Lever Handle)	5"(DN125)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(6)	Butterfly Valve (Lever Handle)	6"(DN150)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(7)	Butterfly Valve (Lever Handle)	8"(DN200)	PVC , CPVC	EPDM , FPM	EPDM , FPM

尺寸 Size	壓力測試 Hydrostatic test		墊座耐壓 Seat test	O 環耐壓 O-ring test	扭力 Torque N*m	流量係數 Cv
	爆破壓力	1000hrs 持壓	閥全閉 valve close	閥全開 valve open		
	burst pressure water(kgf/cm ²) minimum	behavior test water(kgf/cm ²) minimum	no-leakage water(kgf/cm ²) minimum	no-leakage water(kgf/cm ²) minimum		
2"(DN50)	42	22	11	11	15	110
2-1/2"(DN65)	42	22	11	11	20	230
3"(DN80)	42	22	11	11	25	280
4"(DN100)	42	22	11	11	40	440
5"(DN125)	42	22	11	11	55	800
6"(DN150)	42	22	11	11	75	1000
8"(DN200)	42	22	11	11	110	2200

● 溫度與工作壓力關係 Working pressure vs. Temperature



● Important Notes 蝶閥安裝重要註記

- Once connecting valves must use flat faced flanges.

And the gasket is unnecessary.

連接蝶閥須使用平面法蘭，無需使用墊片。

- 1. Do not install the valve when the disc fully closed.

Because the disc may pinch into the seat, resulting in a high operating torque.

請勿在蝶片完全關閉的情況下安裝閥品。可能導致蝶片產生高扭力而擠壓到墊座。

- 2. If the valve is opened or closed after unpacking, it must be reset in this recommended position before installation.

若蝶閥在包裝後為開啟或關閉，請務必在安裝前將其重設回建議位置。

- Care must be used during piping installation to ensure that the pipes or flanges are properly aligned so that the valve disc does not contact them in any setting.

Misalignment between valves and flanges as in figure will result in damage to the valve.

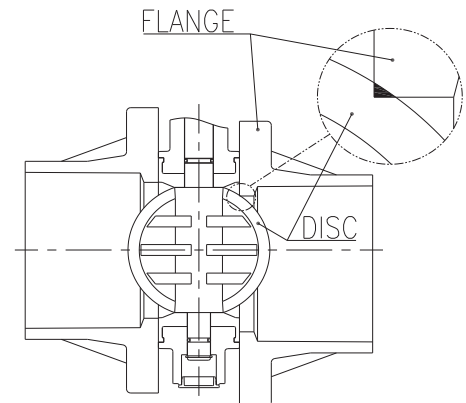
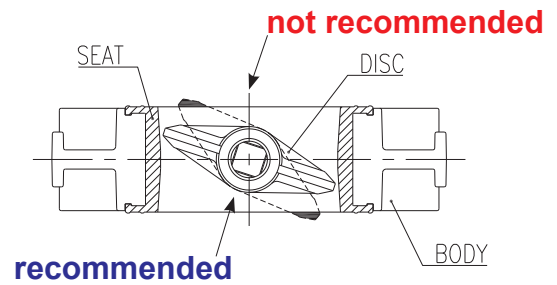
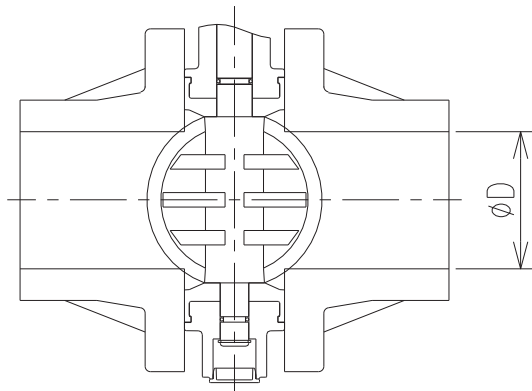
在管道安裝過程中必須小心，確保管道和法蘭正確對齊，以使碟片在任何設置下都不會有所接觸。

蝶閥和法蘭之間未如圖所示的正確對準，將導致蝶閥受損。

- In case of an abutting thick walled flange and pipe, shave the flange or the pipe inner diameter in order to avoid touching pipe and disc. If the inside diameter of the connecting pipe is larger than dimension D below, shaving is not necessary.

如果壁厚的法蘭和管道緊靠一起，則應刮掉法蘭或管道的內徑，以免碰到管道和蝶片。

如果連接管的內徑大於圖示 D(流水孔)的尺寸，則無需刮削。



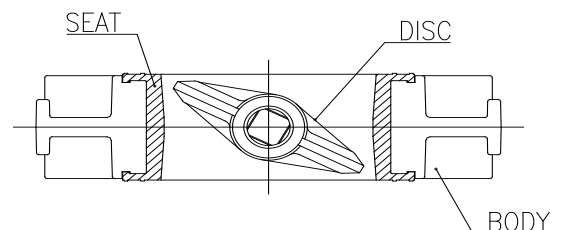
SIZE	D (minimum)
2" (50mm)	40mm(1.57")
2-1/2" (65mm)	55mm(2.16")
3" (75mm)	65mm(2.56")
4" (100mm)	90mm(3.54")
5" (125mm)	112mm(4.41")
6" (150mm)	136mm(5.35")
8" (200mm)	190mm(7.48")

- 1. Install the valve between flanges and open the valve slightly.

安裝蝶閥於法蘭之間，並輕微的開啟蝶閥。

- 2. Insert bolts, set nuts and washer and tighten the bolts and nuts temporarily by hand.

插入螺栓，固定螺帽及華司，並用手暫時鎖緊螺栓及螺帽。



When you insert a valve with a flange, please insert after extending the fields of flanges fully. (If you insert a valve by force without fully extending fields of flanges, the seat may be turned over and suffer a crack.)

在安裝蝶閥與法蘭時，請先擴伸法蘭之間的距離再行置入。

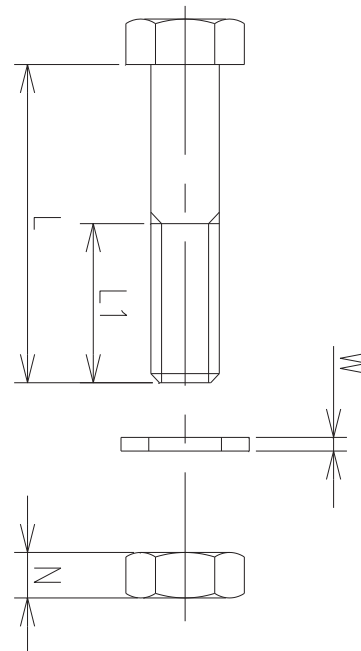
(若沒有充分擴伸法蘭間距離的情形下強行插入蝶閥，墊座可能會被翻動並產生裂痕。)



• Dimension of Insert Bolt 螺栓尺寸

<ANSI Standard>

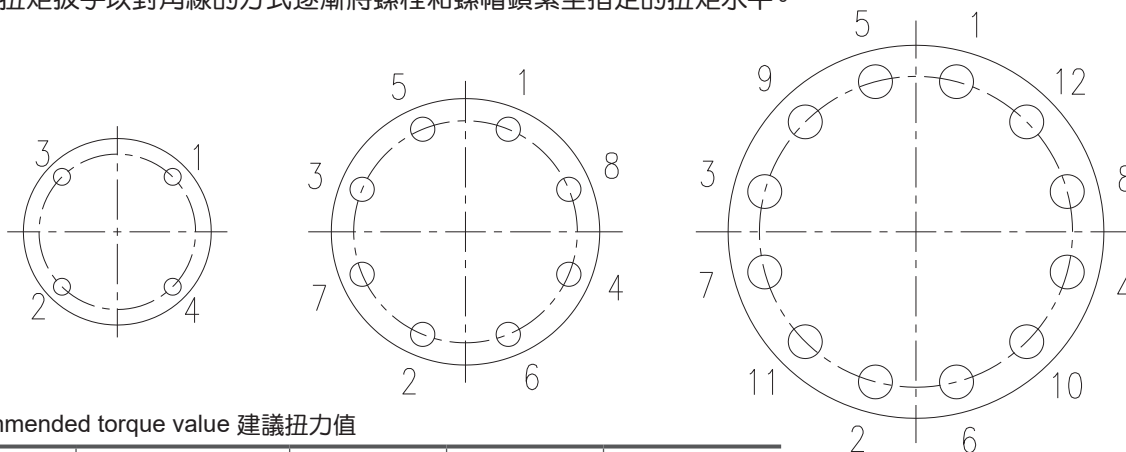
VALVE SIZE	No. Bolt Holes	Bolt	Bolt Minimum Lengths (mm)	Face to Face (inch)	L1
		Diameter (in.)			(minimum)
2" (50mm)	4	5/8"	$L = F + 2 \times (T + W) + N + 1/8"$ L : Minimum Bolt Length F : Valve Face to Face T : Flange Thickness W : Washer Thickness N : Nut Thickness	1-3/4"	1-1/4"
2-1/2" (65mm)	4	5/8"		1-7/8"	1-1/4"
3" (75mm)	4	5/8"		2"	1-1/4"
4" (100mm)	8	5/8"		2-1/4"	1-1/4"
5" (125mm)	8	3/4"		2-5/8"	1-1/2"
6" (150mm)	8	3/4"		2-7/8"	1-1/2"
8" (200mm)	8	3/4"		2-7/8"	1-1/2"



<JIS and DIN Standard>

VALVE SIZE	No. Bolt Holes	Bolt	Bolt Minimum Lengths (mm)	Face to Face (mm)	L1
		Diameter (mm)			(minimum)
2" (50mm)	4	M16	$L = F + 2 \times (T + W) + N + 3\text{mm}$ L : Minimum Bolt Length F : Valve Face to Face T : Flange Thickness W : Washer Thickness N : Nut Thickness	43	35
2-1/2" (65mm)	4	M16		46	35
3" (75mm)	8	M16		49	35
4" (100mm)	8	M16		56	35
5" (125mm)	8	M20		64	40
6" (150mm)	8	M20		70	40
8" (200mm)	12	M20		71	40

- Tighten the bolts and nuts gradually with a torque wrench to the specified torque level in a diagonal manner.
使用扭矩扳手以對角線的方式逐漸將螺栓和螺帽鎖緊至指定的扭矩水平。



*Recommended torque value 建議扭力值

SIZE	2"~4" (50mm~100mm)	5" (125mm)	6" (150mm)	8" (200mm)
TORQUE				
kgf*cm	306~357	357~408	408~510	459~561
N*m	30~35	35~40	40~50	45~55
lbf*in	266~310	310~354	354~442	398~487
lbf*ft	22~26	26~30	30~37	33~41

Caution : Avoid excessive tightening, the valve can be damaged. 警告：請勿過度鎖緊，閥品可能受損。

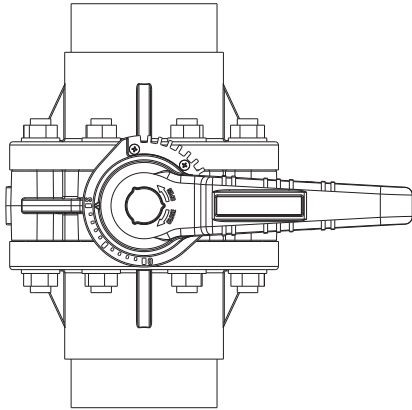
● The full-opened and full-shut position 全開及全閉位置

- For the full-shut position, the handle is perpendicular to the piping axis direction.

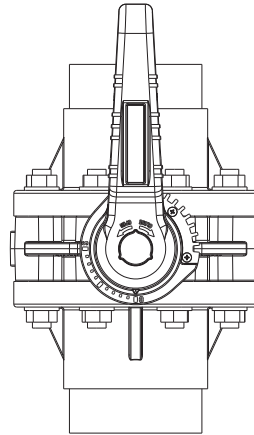
全閉位置：把手垂直於管路軸線方向。

- For the full-opened position, the handle is parallel to the piping axis direction.

全開位置：把手平行於管路軸線方向。



full-shut (Close)



full-opened

● Handle lock 把手鎖



● Warning And Caution 警告及注意事項

Using a positive-pressure air or gas with our plastic valves may cause a dangerous condition due to the repellent force particular to compressible fluids even when the air or gas is under similar pressures used for liquids.

使用空氣或氣體於塑料閥可能導致危險情況發生，即使空氣或氣體處於與液體所用相似的壓力之下，也會因其對可壓縮流體的排斥力而引起危險。

Always operate the valves within the range of pressure vs. temperature. 請在壓力及溫度的範圍內操作閥品。

Keep the valves away from excessive heat or fire. 請將閥品遠離高溫或火源。

Do not step on or apply excessive weight on valves. 請勿踩踏閥品或對其施加過多的重量。

Do not use the valves in conditions where the fluid may have crystallized or slurry. The valve will not operate properly.

請勿在流體可能已結晶或形成淤漿的條件下使用閥門，否則閥門將無法正常運行。

The installed valves must never be opened or closed when foreign matter such as sand is present in the pipeline.

當管道中有異物（如沙子）時，請勿開啟或關閉閥門。

Be sure to operate valves with your hand because using a tool may damage the handle.

請用手操作閥品，若使用工具可能損傷把手。Avoid throwing, dropping or scratching the valves with any sharp object.

避免丟擲、摔落或以任何尖銳物品刮損閥品。

Store products in their protected cartons. Avoid exposing products to direct sunlight, and store them indoors (at room temperature).

Also avoid storing products in areas with excessive temperatures. (Take care in storage and handling.)

請用原廠保護閥品的箱子儲存產品，避免產品在陽光下曝曬，並將其儲放在室內（室溫下），此外，請避免將產品存放於高溫區域（請注意存儲與處理）。

When installing pipes and valves, ensure that they are not subjected to tension, compression, bending or impact. 安裝管道及閥品時，請確保其不受張力、壓縮、彎曲或撞擊。

蝶閥 (齒輪式)

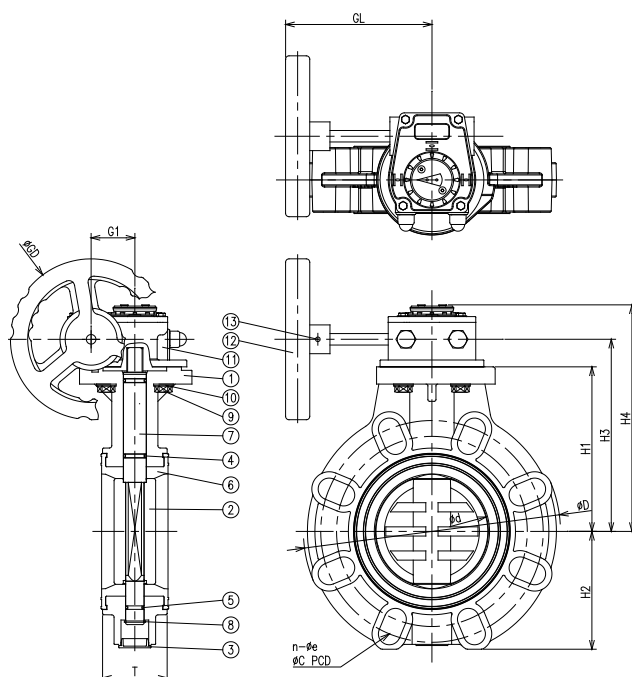
BUTTERFLY VALVE (GEAR OPERATOR)

★材質：PVC & CPVC

★尺寸：2" ~ 12"

★廠牌：SUPERTUNG

★規格：美規 ANSI / 日規 JIS / 歐規 DIN



- 螺絲孔符合美/日/歐(ASTM,JIS,DIN)安裝規格
Universal bolt holes suitable for ASTM,DIN and JIS standard
- 工作壓力 Working pressure : 150 PSI / 73°F
- 齒輪箱之防塵防水等級為IP68
Gear box : IP68 dust and water protection
- 低流量損失，齒輪器開閉，容易操作
Low flow loss and Easy operation
- 與法蘭配合安裝時，有防過鎖之保護設計
Protection for over tightening of mounting flange

No	PARTS NAME	Q'TY	MATERIAL
1	BODY	1	PVC , CPVC
2	DISC	1	PVC , CPVC
3	BODY CAP	1	ABS
4	STEM O-RING	2	EPDM , FPM
5	STEM O-RING	1	EPDM , FPM
6	SEAT	1	EPDM , FPM
7	STEM	1	SUS410
8	C-RING	1	SUS304
9	BOLT	4	SUS304
10	WASHER	4	SUS304
11	WORM GEAR	1	FCB
12	HANDWHEEL	1	SS400
13	PIN	1	SS41

備註 Remark:

- 3" 的螺絲孔，供應 8 孔 (公用規格) 及 4 孔 (標準美規)
3"- 8 bolt holes suitable for DIN and JIS
3"- 4 bolt holes suitable for ANSI
- CPVC 材質供應尺寸為 2"~8"
For CPVC material , we supply 2"~8"
- 中心柱 (No#7)10"&12" 材質為 SUS420J2
Item#7(STEM) 10" & 12" is SUS420J2

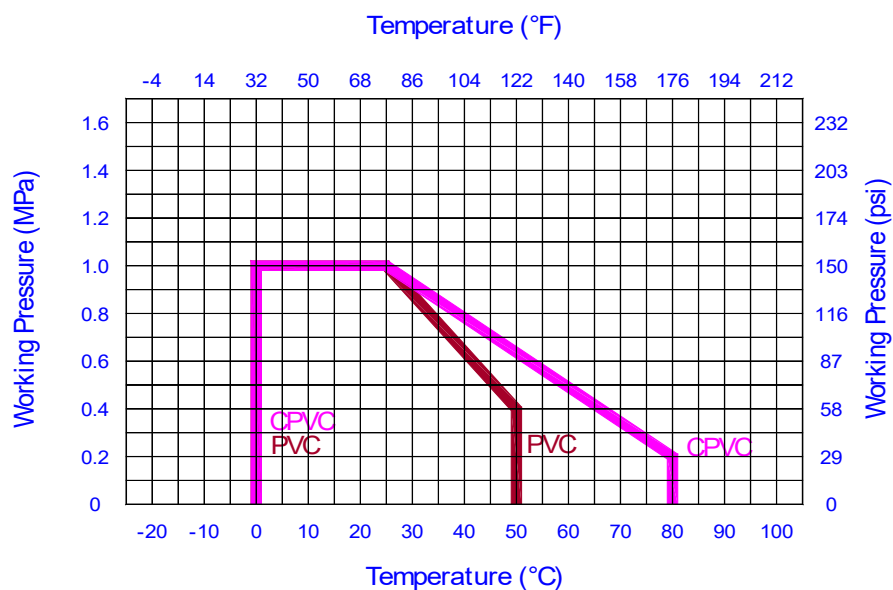
SIZE	D	T	H1	H2	H3	H4	d	美規 ANSI		德規 DIN		日規 JIS		G1	GL	GD
								ø C	n- ø e	ø C	n- ø e	ø C	n- ø e			
2" (50mm)	156	43	103	72	127	157	57	120.7	4-19	125	4-18	120	4-19	38	127	140
2-1/2"(65mm)	177	46	114	80	138	168	68	139.5	4-19	145	4-18	140	4-19	38	127	140
3" (75mm)	191	49	126	88	150	180	78	152.4	4-19	160	8-18	150	8-19	38	127	140
4" (100mm)	223	56	143	103	167	197	98	190.5	8-19	180	8-18	175	8-19	38	127	140
5" (125mm)	253	64	170	117	202	237	122	215.9	8-23	210	8-18	210	8-23	45	166	200
6" (150mm)	279	70	181	129	213	248	145	241.5	8-23	240	8-23	240	8-23	45	166	200
8" (200mm)	337	71	218	162	250	285	195	298.5	8-23	295	8-23	290	12-23	45	166	200
10" (250mm)	409	114	261	196	297	334	250	362	12-25	350	12-23	355	12-25	55	191	300
12" (300mm)	478	114	302	228	338	375	300	432	12-25	400	12-23	400	16-25	55	191	300

● Technical Information

項次 Item	品名 Description	尺寸 Size	材質 Material		
			主體 Body	墊座 Seat	O 環 O-ring
(1)	Butterfly Valve (Gear Operator)	2"(DN50)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(2)	Butterfly Valve (Gear Operator)	2-1/2"(DN65)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(3)	Butterfly Valve (Gear Operator)	3"(DN80)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(4)	Butterfly Valve (Gear Operator)	4"(100mm)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(5)	Butterfly Valve (Gear Operator)	5"(DN125)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(6)	Butterfly Valve (Gear Operator)	6"(DN150)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(7)	Butterfly Valve (Gear Operator)	8"(DN200)	PVC , CPVC	EPDM , FPM	EPDM , FPM
(8)	Butterfly Valve (Gear Operator)	10"(DN250)	PVC	EPDM , FPM	EPDM , FPM
(9)	Butterfly Valve (Gear Operator)	12"(DN300)	PVC	EPDM , FPM	EPDM , FPM

尺寸 Size	壓力測試 Hydrostatic test		墊座耐壓 Seat test	O 環耐壓 O-ring test	扭力 Torque N*m	流量 係數 Cv
	爆破壓力	1000hrs 持壓	閥全閉 valve close	閥全開 valve open		
	burst pressure water(kgf/cm ²) minimum	behavior test water(kgf/cm ²) minimum	no-leakage water(kgf/cm ²) minimum	no-leakage water(kgf/cm ²) minimum		
2"(DN50)	42	22	11	11	15	110
2-1/2"(DN65)	42	22	11	11	20	230
3"(DN80)	42	22	11	11	25	280
4"(DN100)	42	22	11	11	40	440
5"(DN125)	42	22	11	11	55	800
6"(DN150)	42	22	11	11	75	1000
8"(DN200)	42	22	11	11	110	2200
10"(DN250)	42	22	6 (air test)	6 (air test)	250	3500
12"(DN300)	42	22	6 (air test)	6 (air test)	350	5400

● 溫度與工作壓力關係 Working pressure vs. Temperature



蝶閥 (把手式)

BUTTERFLY VALVE (LEVER HANDLE)

★材質：PPG / PPH

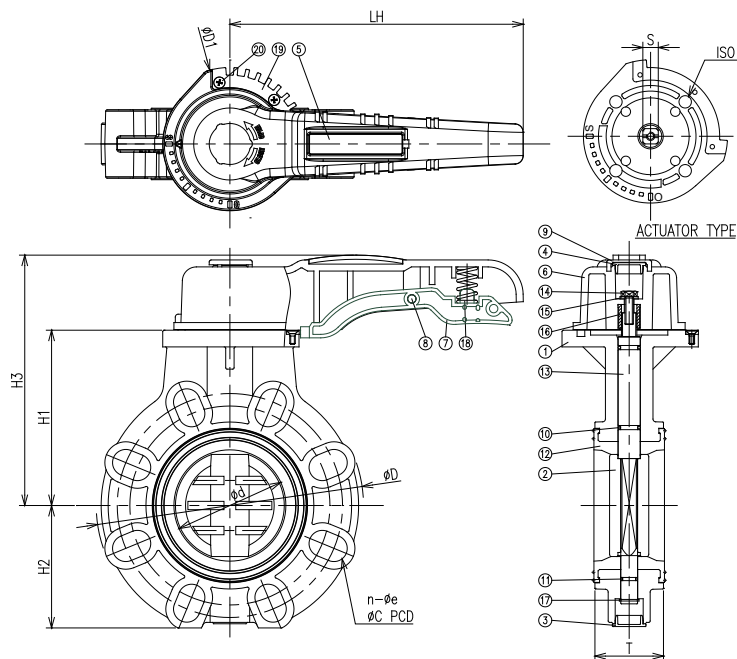
★尺寸：2" ~ 6"

★廠牌：SUPERTUNG

★規格：美規 ANSI / 日規 JIS / 歐規 DIN



- 螺絲孔符合美/日/歐(ASTM,JIS,DIN)安裝規格
Universal bolt holes suitable for ASTM,DIN and JIS standard
PS. 3"的螺絲孔供應8孔
3"- 8 bolt holes suitable for DIN and JIS
- 工作壓力 Working pressure : 150 PSI/73°F (10Kg/20°C)
- 低流量損失，齒輪片設計，可作流量調整操作
Low flow loss and Worm gear operators
- 把手可加裝鎖之設計 Handle lock design
- 把手拆除後，頂部平面有ISO 5211預留孔，可裝驅動器
Electric actuators and Pneumatic actuators holes suitable for ISO 5211 standard
- 與法蘭配合安裝時，有防過鎖之保護設計
Protection for over tightening of mounting flange



No	PARTS NAME	Q'TY	MATERIAL
1	BODY	1	PPG
2	DISC	1	PPH
3	BODY CAP	1	ABS
4	HANDLE CAP	1	ABS
5	HANDLE CAP	1	ABS
6	HANDLE	1	ABS
7	SMALL HANDLE	1	PPG
8	PIN	1	PPG
9	CLEAR CAP	1	AS
10	STEM O-RING	2	EPDM , FPM
11	STEM O-RING	1	EPDM , FPM
12	SEAT	1	EPDM , FPM
13	STEM	1	SUS410
14	BOLT	1	SUS304
15	WASHER	1	SUS304
16	INSERT	1	SUS304
17	C-RING	1	SUS304
18	SPRING	1	SUS304
19	GEAR	1	SUS304
20	BOLT	3	SUS304

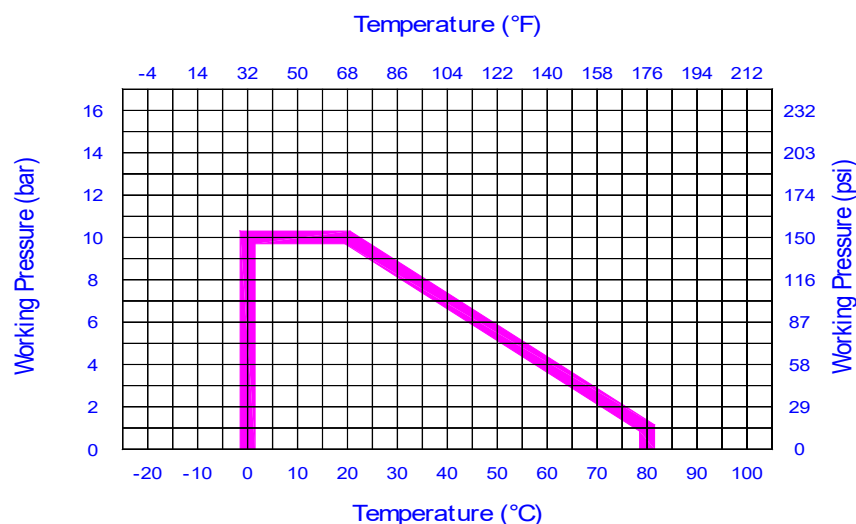
SIZE	D	T	LH	H1	H2	H3	d	美規 ANSI		歐規 DIN		日規 JIS		D1	S	ISO 5211
								§ C	n- § e	§ C	n- § e	§ C	n- § e			
2" (50mm)	156	43	210	103	72	158	57	120.7	4-19	125	4-18	120	4-19	110	11	F05 / F07
2-1/2" (65mm)	177	46	210	114	80	168	68	139.5	4-19	145	4-18	140	4-19	110	11	F05 / F07
3" (75mm)	191	49	210	126	88	180	78	152.4	4-19	160	8-18	150	8-19	110	11	F05 / F07
4" (100mm)	223	56	210	143	103	198	98	190.5	8-19	180	8-18	175	8-19	110	14	F07
5" (125mm)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---
6" (150mm)	279	70	280	181	129	245	145	241.5	8-23	240	8-23	240	8-23	156	17	F07 / F10
8" (200mm)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

● Technical Information

項次 Item	品名 Description	尺寸 Size	材質 Material		
			主體 / 蝶片 Body / Disc	墊座 Seat	O 環 O-ring
(1)	Butterfly Valve (Lever Handle)	2"(DN50)	PPG / PPH	EPDM , FPM	EPDM , FPM
(2)	Butterfly Valve (Lever Handle)	2-1/2"(DN65)	PPG / PPH	EPDM , FPM	EPDM , FPM
(3)	Butterfly Valve (Lever Handle)	3"(DN80)	PPG / PPH	EPDM , FPM	EPDM , FPM
(4)	Butterfly Valve (Lever Handle)	4"(DN100)	PPG / PPH	EPDM , FPM	EPDM , FPM
(5)	Butterfly Valve (Lever Handle)	5"(DN125)	---	---	---
(6)	Butterfly Valve (Lever Handle)	6"(DN150)	PPG / PPH	EPDM , FPM	EPDM , FPM
(7)	Butterfly Valve (Lever Handle)	8"(DN200)	---	---	---

尺寸 Size	壓力測試 Hydrostatic test		墊座耐壓 Seat test	O 環耐壓 O-ring test	扭力 Torque N*m	流量 係數 Cv
	爆破壓力 burst pressure water(kgf/cm ²) minimum	1000hrs 持壓 behavior test water(kgf/cm ²) minimum	閥全閉 valve close no-leakage water(kgf/cm ²) minimum	閥全開 valve open no-leakage water(kgf/cm ²) minimum		
2"(DN50)	31	22	11	11	15	110
2-1/2"(DN65)	31	22	11	11	20	230
3"(DN80)	31	22	11	11	25	280
4"(DN100)	31	22	11	11	40	440
5"(DN125)	---	---	---	---	---	---
6"(DN150)	31	22	11	11	75	1000
8"(DN200)	---	---	---	---	---	---

● 溫度與工作壓力關係 Working pressure vs. Temperature



Important Notes 蝶閥安裝重要註記
(敬請參閱本型錄 P47~P49)

蝶閥 (齒輪式)

BUTTERFLY VALVE (GEAR OPERATOR)

★材質：PPG / PPH

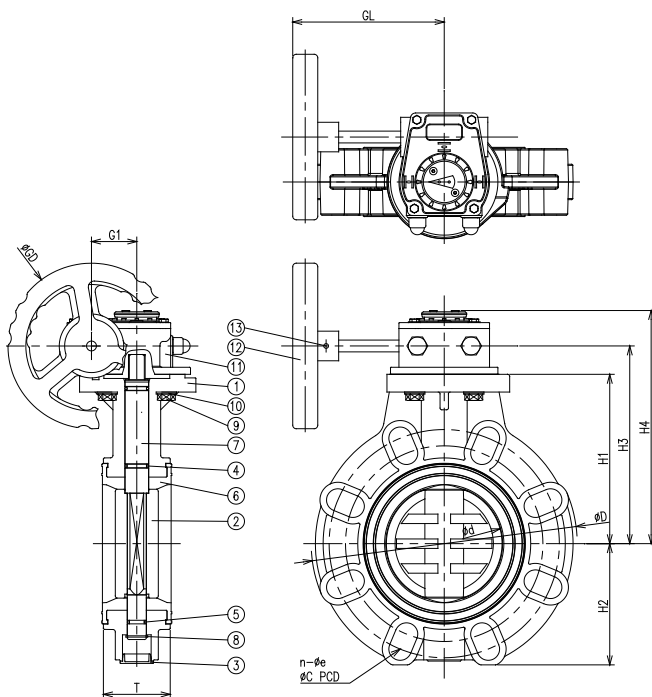
★尺寸：2" ~ 6"

★廠牌：SUPERTUNG

★規格：美規 ANSI / 日規 JIS / 歐規 DIN



- 螺絲孔符合美/日/歐(ASTM,JIS,DIN)安裝規格
Universal bolt holes suitable for ASTM,DIN and JIS standard
- PS.3"的螺絲孔供應8孔
3"- 8 bolt holes suitable for DIN and JIS
- 工作壓力 Working pressure : 150 PSI / 73°F
- 齒輪箱之防塵防水等級為IP68
Gear box : IP68 dust and water protection
- 低流量損失，齒輪器開閉，容易操作
Low flow loss and Easy operation
- 與法蘭配合安裝時，有防過鎖之保護設計
Protection for over tightening of mounting flange



No	PARTS NAME	Q'TY	MATERIAL
1	BODY	1	PPG
2	DISC	1	PPH
3	BODY CAP	1	ABS
4	STEM O-RING	2	EPDM , FPM
5	STEM O-RING	1	EPDM , FPM
6	SEAT	1	EPDM , FPM
7	STEM	1	SUS410
8	C-RING	1	SUS304
9	BOLT	4	SUS304
10	WASHER	4	SUS304
11	WORM GEAR	1	FCB
12	HANDWHEEL	1	SS400
13	PIN	1	SS41

SIZE	D	T	H1	H2	H3	H4	d	美規 ANSI		歐規 DIN		日規 JIS		G1	GL	GD
								⌀ C	n- ⌀ e	⌀ C	n- ⌀ e	⌀ C	n- ⌀ e			
2" (50mm)	156	43	103	72	127	157	57	120.7	4-19	125	4-18	120	4-19	38	127	140
2-1/2" (65mm)	177	46	114	80	138	168	68	139.5	4-19	145	4-18	140	4-19	38	127	140
3" (75mm)	191	49	126	88	150	180	78	152.4	4-19	160	8-18	150	8-19	38	127	140
4" (100mm)	223	56	143	103	167	197	98	190.5	8-19	180	8-18	175	8-19	38	127	140
5" (125mm)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6" (150mm)	279	70	181	129	213	248	145	241.5	8-23	240	8-23	240	8-23	45	166	200
8" (200mm)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

● Technical Information

項次 Item	品 名 Description	尺寸 Size	材質 Material		
			主體 / 蝶片 Body / Disc	墊座 Seat	O 環 O-ring
(1)	Butterfly Valve (Gear Operator)	2"(DN50)	PPG / PPH	EPDM , FPM	EPDM , FPM
(2)	Butterfly Valve (Gear Operator)	2-1/2"(DN65)	PPG / PPH	EPDM , FPM	EPDM , FPM
(3)	Butterfly Valve (Gear Operator)	3"(DN80)	PPG / PPH	EPDM , FPM	EPDM , FPM
(4)	Butterfly Valve (Gear Operator)	4"(DN100)	PPG / PPH	EPDM , FPM	EPDM , FPM
(5)	Butterfly Valve (Gear Operator)	5"(DN125)	---	---	---
(6)	Butterfly Valve (Gear Operator)	6"(DN150)	PPG / PPH	EPDM , FPM	EPDM , FPM
(7)	Butterfly Valve (Gear Operator)	8"(DN200)	---	---	---

尺寸 Size	壓力測試 Hydrostatic test		墊座耐壓 Seat test	O 環耐壓 O-ring test	扭力 Torque N*m	流量 係數 Cv
	爆破壓力	1000hrs 持壓	閥全閉 valve close	閥全開 valve open		
	burst pressure water(kgf/cm ²) minimum	behavior test water(kgf/cm ²) minimum	no-leakage water(kgf/cm ²) minimum	no-leakage water(kgf/cm ²) minimum		
2"(DN50)	31	22	11	11	15	110
2-1/2"(DN65)	31	22	11	11	20	230
3"(DN80)	31		11	11	25	280
4"(DN100)	31	22	11	11	40	440
5"(DN125)	---	---	---	---	---	---
6"(DN150)	31	22	11	11	75	1000
8"(DN200)	---	---	---	---	---	---

● 溫度與工作壓力關係 Working pressure vs. Temperature

