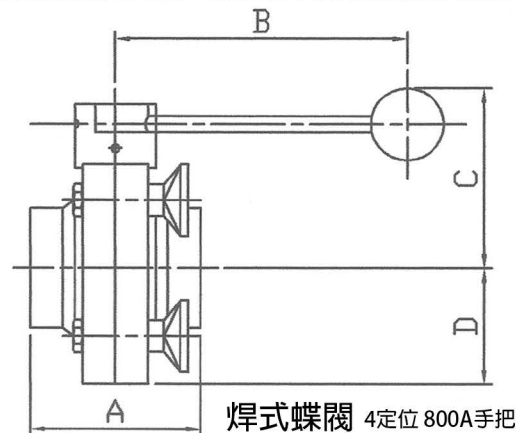


Connection : 3A Butt Weld

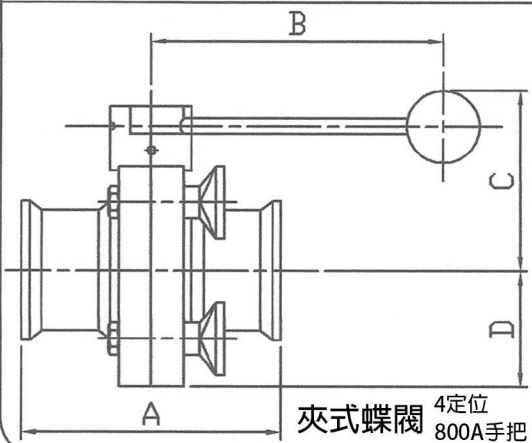
unit : mm

BFV-W Butterfly Valve Weld Ends
with 4 position Handle 800A

SIZE	A	B	C	D
1"	47.6	110	74	39
1 1/2"	47.6	110	74	39
2"	52.4	110	83.5	49.5
2 1/2"	54	110	93	58.5
3"	62	159	98	66
4"	79.4	159	118	84.5

Connection : 3A Tri-Clamp Ferrule

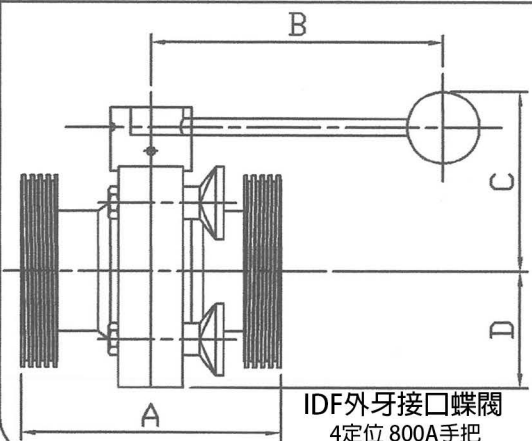
unit : mm

BFV-C Butterfly Valve Tri-Clamp Ends
with 4 position Handle 800A

SIZE	A	B	C	D
1"	89	110	74	39
1 1/2"	89	110	74	39
2"	95.2	110	83.5	49.5
2 1/2"	96.8	110	93	58.5
3"	104.8	159	98	66
4"	122.2	159	118	84.6

Connection : IDF Threaded Male

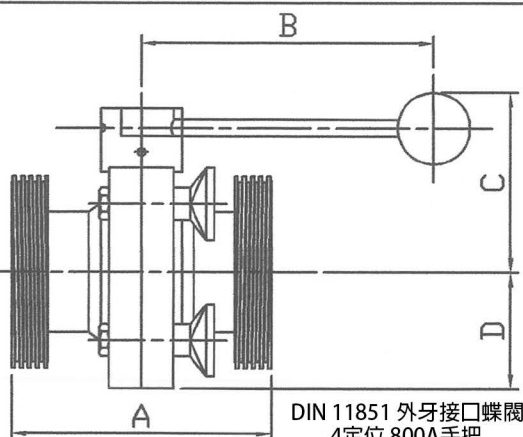
unit : mm

BFV-IDF15 Butterfly Valve IDF15 Male Ends
with 4 position Handle 800A

SIZE	A	B	C	D
1"	89	110	74	39
1 1/2"	89	110	74	39
2"	95.2	110	83.5	49.5
2 1/2"	96.8	110	93	58.5
3"	104.8	159	98	66
4"	122.2	159	118	84.6

Connection : DIN 11851 Threaded Male

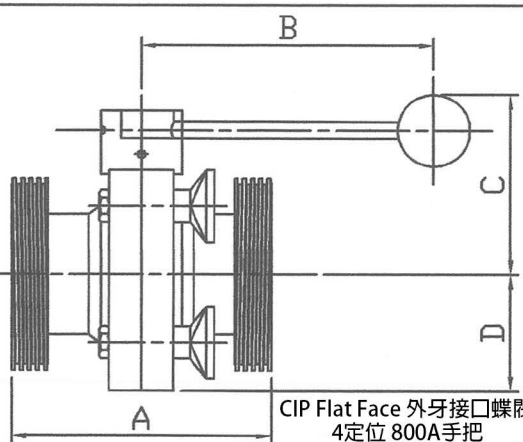
unit : mm

BFV-DIN15 Butterfly Valve DIN15 Male Ends
with 4 position Handle 800A

SIZE	A	B	C	D
1"	105.6	110	74	39
1 1/2"	113.6	110	74	39
2"	122.4	110	83.5	49.5
2 1/2"	134	110	93	58.5
3"	152	159	98	66
4"	187.4	159	118	84.6

Connection : CIP FLAT FACE Threaded Male

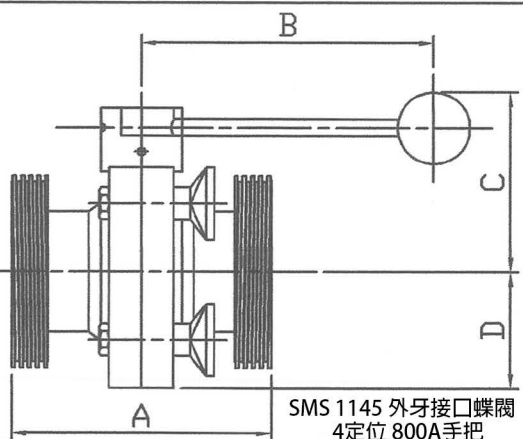
unit : mm

BFV-CIP15 Butterfly Valve CIP15 Male Ends
with 4 position Handle 800A

SIZE	A	B	C	D
1"	92	110	74	39
1 1/2"	92	110	74	39
2"	96.8	110	83.5	49.5
2 1/2"	98.4	110	93	58.5
3"	106.4	159	98	66
4"	123.8	159	118	84.6

Connection : SMS 1145 Threaded Male

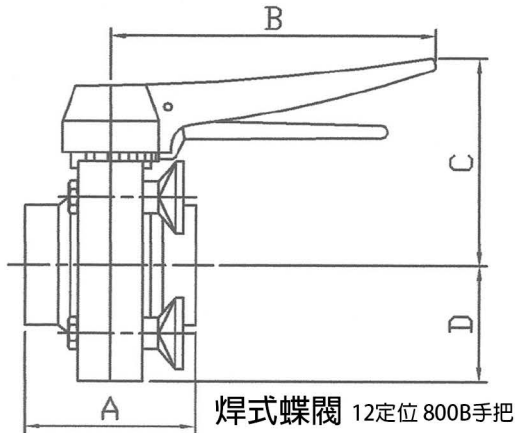
unit : mm

BFV-SMS15 Butterfly Valve SMS15 Male Ends
with 4 position Handle 800A

SIZE	A	B	C	D
1"	85.6	110	74	39
1 1/2"	93.6	110	74	39
2"	98.4	110	83.5	49.5
2 1/2"	108	110	93	58.5
3"	116	159	98	66
4"	117.4	159	118	84.6

Connection : 3A Butt Weld

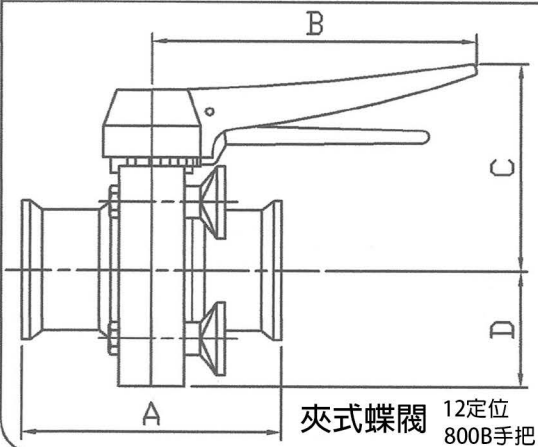
unit : mm

BFV-W Butterfly Valve Weld Ends
with 12 position Handle 800B

SIZE	A	B	C	D
1"	47.6	168	87.5	39
1 1/2"	47.6	168	87.5	39
2"	52.4	168	97	49.5
2 1/2"	54	168	106.5	58.5
3"	62	168	111.5	66
4"	79.4	168	131.5	84.5

Connection : 3A Tri-Clamp Ferrule

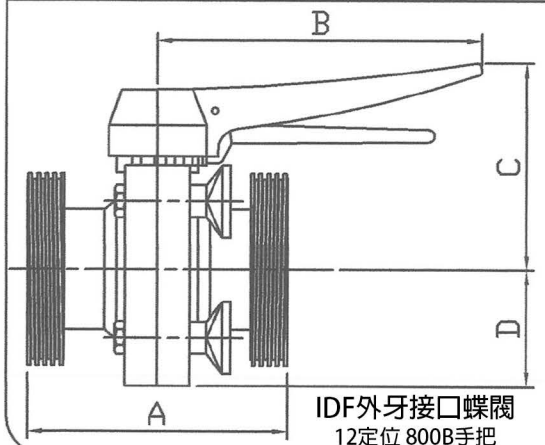
unit : mm

BFV-C Butterfly Valve Tri-Clamp Ends
with 12 position Handle 800B

SIZE	A	B	C	D
1"	89	168	87.5	39
1 1/2"	89	168	87.5	39
2"	95.2	168	97	49.5
2 1/2"	96.8	168	106.5	58.5
3"	104.8	168	111.5	66
4"	122.2	168	131.5	84.6

Connection : IDF Threaded Male

unit : mm

BFV-IDF15 Butterfly Valve IDF15 Male Ends
with 12 position Handle 800B

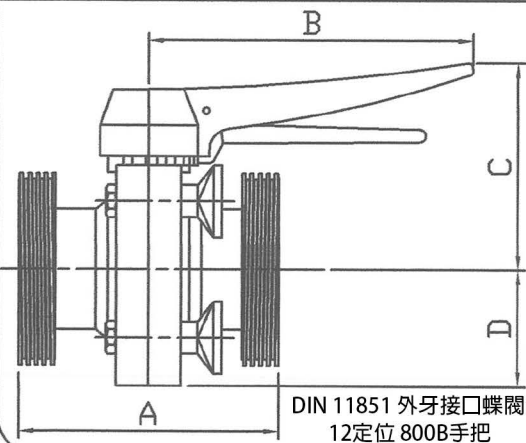
SIZE	A	B	C	D
1"	89	168	87.5	39
1 1/2"	89	168	87.5	39
2"	95.2	168	97	49.5
2 1/2"	96.8	168	106.5	58.5
3"	104.8	168	111.5	66
4"	122.2	168	131.5	84.6

Connection : DIN 11851 Threaded Male

unit : mm

BFV-DIN15

Butterfly Valve DIN15 Male Ends
with 12 position Handle 800B



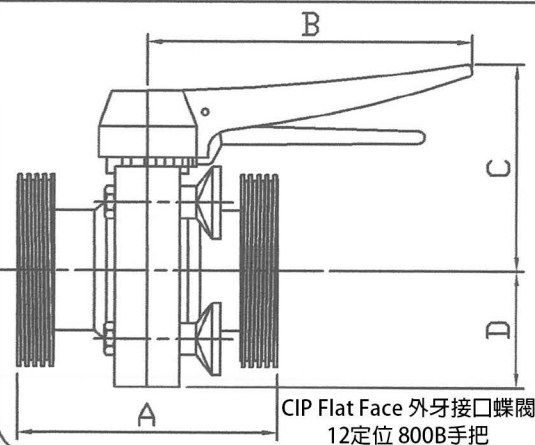
SIZE	A	B	C	D
1"	105.6	168	87.5	39
1 1/2"	113.6	168	87.5	39
2"	122.4	168	97	49.5
2 1/2"	134	168	106.5	58.5
3"	152	168	111.5	66
4"	187.4	168	131.5	84.6

Connection : CIP FLAT FACE Threaded Male

unit : mm

BFV-CIP15

Butterfly Valve CIP15 Male Ends
with 12 position Handle 800B



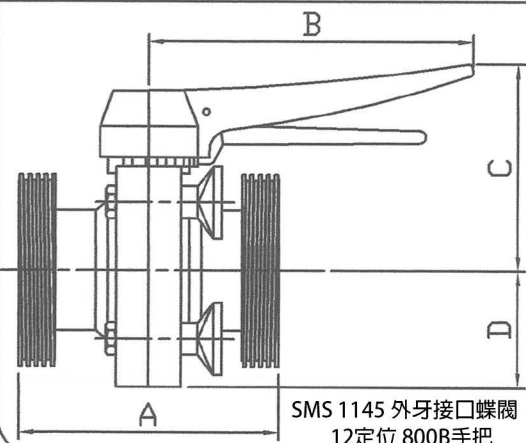
SIZE	A	B	C	D
1"	92	168	87.5	39
1 1/2"	92	168	87.5	39
2"	96.8	168	97	49.5
2 1/2"	98.4	168	106.5	58.5
3"	106.4	168	111.5	66
4"	123.8	168	131.5	84.6

Connection : SMS 1145 Threaded Male

unit : mm

BFV-SMS15

Butterfly Valve SMS15 Male Ends
with 12 position Handle 800B

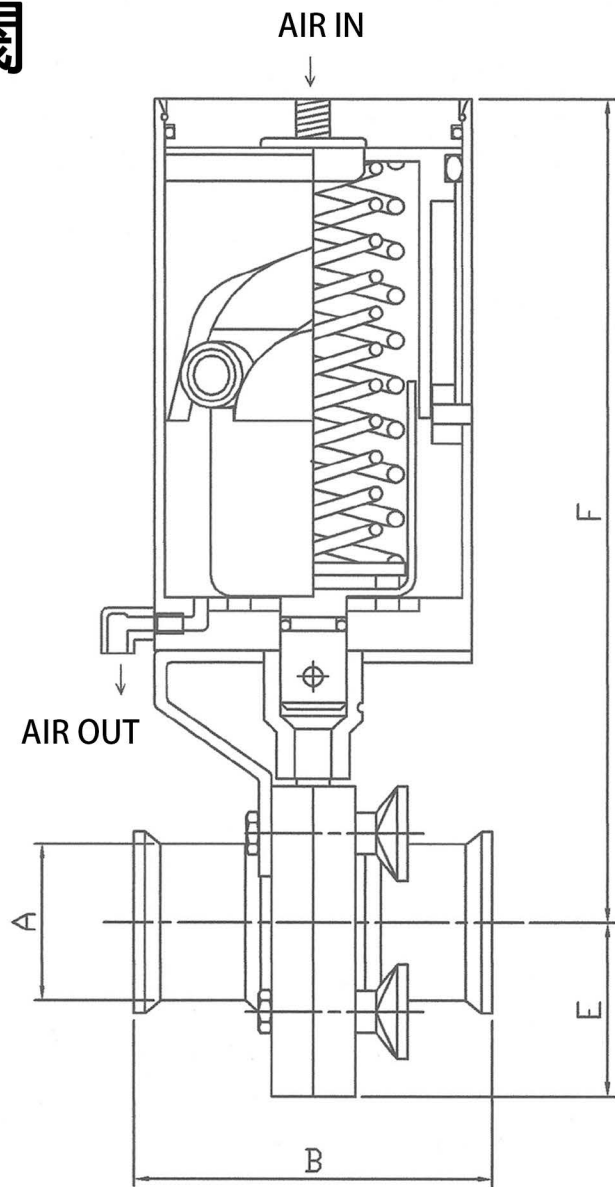


SIZE	A	B	C	D
1"	85.6	168	87.5	39
1 1/2"	93.6	168	87.5	39
2"	98.4	168	97	49.5
2 1/2"	108	168	106.5	58.5
3"	116	168	111.5	66
4"	117.4	168	131.5	84.6

PNEUMATIC BUTTERFLY VALVE BFV-C-AIR

3A Weld / Tri-Clamp / Bevel Seat / IDF / RJT/BSM/ CIP Flat Face / DIN 11851 / SMS 1145 Threaded Male 外牙接口

氣動蝶閥

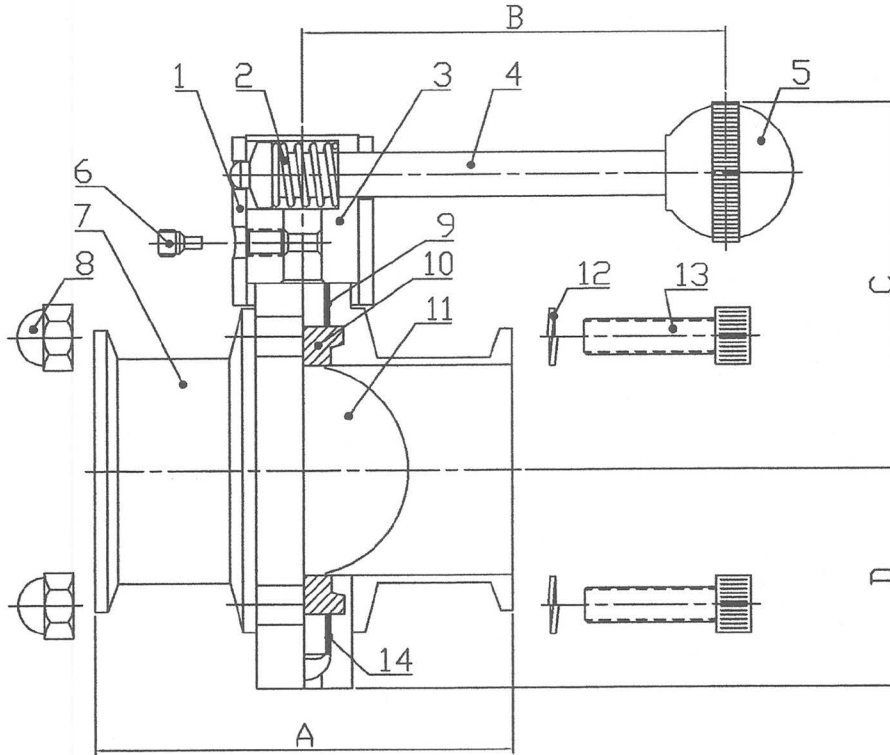


A (SIZE)		B (Length of Connection-to-Connection)						E	F
inch	mm	Weld	Clamp	IDF	DIN 11851	CIP Flat Face	SMS 1145		
1"	25.4	47.6	89	89	105.6	92	85.6	39	237
1.5"	38.1	47.6	89	89	113.6	92	93.6	39	237
2"	50.8	52.4	95.2	95.2	122.4	96.8	98.4	49.5	246
2.5"	63.5	54	96.8	96.8	134	98.4	108	58.5	256
3"	76.2	62	104.8	104.8	152	106.4	116	66	266
4"	101.6	79.4	122.2	122.2	187.4	123.8	117.4	84.6	286



PARTS LIST of MANUAL BUTTERFLY VALVE

手動蝶閥 零件組合圖

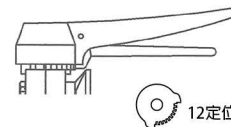


1. 手把護套 / Handle Cover * SS304
2. 彈簧 / Spring for Handle * SS304
3. 手把頭 / Handle Top * SS304
4. 手把柄 / Handle Lever * SS304
5. 塑膠圓珠 / Plastic Knob * Plastic
6. 止付螺絲 / Stop Screw * SS304
7. 蝶閥本體 / Butterfly Valve Body
* SS304 or SS316
8. 帶帽螺帽 / Cap Nut * SS304
9. 襯套1 / PTFE Bush 1 * Teflon
10. 蝶閥墊圈 / Butterfly Valve Seal
* Silicone, EPDM, or Viton
11. 葉片 / Butterfly Valve Disc * SS316
12. 彈簧華司 / Spring Washer * SS304
13. 內六角螺絲 / Hexagon Socket Screws * SS304
14. 襯套2 / PTFE Bush 2 * Teflon

*** 手動蝶閥手柄 可選擇以下2種手柄 Available Handles for Manual Butterfly Valves :



4 定位 拉式手柄 800A
4 Position Pull Style Handle 800A



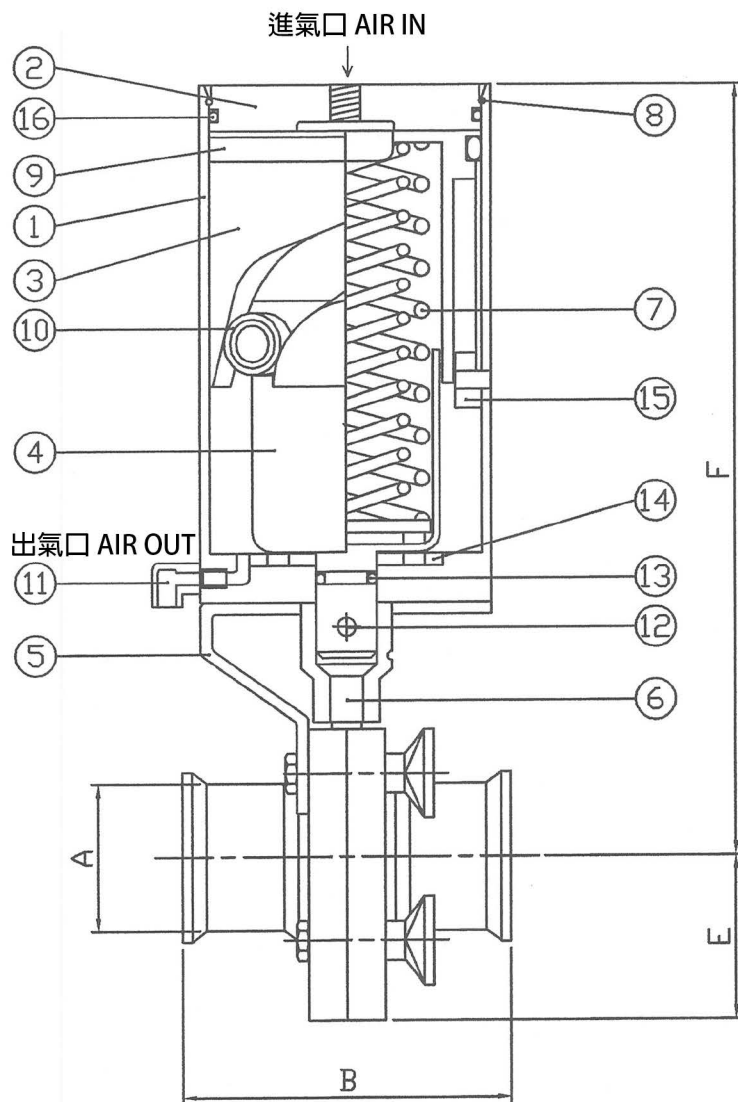
12 定位 握壓式手柄 800B
12 Position Gripper Handle 800B

12定位 手柄定位片 12-position stop

PARTS LIST of PNEUMATIC BUTTERFLY VALVE



氣動蝶閥 零件組合圖



1. 氣動筒外筒 / Pneumatic Actuator Body Casing * SS304
2. 氣動筒上蓋 / Top Plate of Pneumatic Actuator * SS304
3. 氣動筒活塞 / Actuator Piston * Aluminum
4. 旋轉座 / Rotating Seat * SS304
5. 連接片 / Connection Bracket * SS304
1" - 2.5" , 3" - 4"
6. 接頭 / Coupling * SS304
1" - 2.5" : 8mm, 3" - 4" : 10mm
7. 彈簧組 / Spring Set * SS304
8. 彈簧環 / Spring Ring * SS
9. 活塞O環 / O-Ring for Piston * NBR
10. 滑輪 / Wheel * Steel
11. 氣動接頭 / Air Connector 1/8" PT female * Cooper
12. 插梢 / Pin * SS304
13. 旋轉座O環 / O-Ring * NBR
14. 平面軸承 / Plane Bearing * Steel
15. 軸承 / Bearing * Steel
16. 上蓋O環 / O-Ring for Top Plate * NBR

玄盛企業股份有限公司
 食品衛生級 不鏽鋼管及管件
 外徑及厚度比較表
 " Outer Diameter & Wall Thickness of the Hygienic Tubings "
 - TECH CONTROL ENTERPRISE CO., LTD.

3A			IDF			RJT/ BSM/ CIP Flat Face			DIN 11851			SMS		
尺寸 SIZE	外徑 OD (mm)	厚度 T (mm)	尺寸 SIZE	外徑 OD (mm)	厚度 T (mm)	尺寸 SIZE	外徑 OD (mm)	厚度 T (mm)	尺寸 SIZE	外徑 OD (mm)	厚度 T (mm)	尺寸 SIZE	外徑 OD (mm)	厚度 T (mm)
1/2"	12.7	1.65							10	15.0	2.5			
3/4"	19.05	1.65							15	21.0	2.5			
1"	25.4	1.65	1"	25.4	1.2	1"	25.8	1.8	20	25.0	2.5	1"	25.0	1.25
1.25"	31.75	1.65							25	31.0	2.5			
1.5"	38.1	1.65	1.5"	38.1	1.2	1.5"	38.5	1.8	32	37.0	2.5	1.5"	38.0	1.25
									40	43.0	2.5			
2"	50.8	1.65	2"	50.8	1.5	2"	51.2	1.8	50	55.0	2.5	2"	51.0	1.25
2.5"	63.5	1.65	2.5"	63.5	2.0	2.5"	63.9	1.8	65	72.0	3.0	2.5"	63.5	1.5
3"	76.2	1.65	3"	76.2	2.0	3"	76.6	1.8				3"	76.1	1.6
			3.5"	89.1	2.0				80	87.0	3.0			
4"	101.6	2.1	4"	101.6	2.0	4"	102.0	2.2	100	106.0	3.0	4" / 4"EB	101.6 / 104	2.0 / 2.0
			4.5"	114.3	3.0									
									125	132.0	3.5			
6"	152.4	2.8				6"	152.8	2.2	150	157.0	3.5			
8"	203.2	2.8												
10"	254.0	3.47												
12"	304.8	3.47												

表面處理參考表

Surface Finish Cross Reference		
Grit No.	Ra (µin.)	Ra (µm)
120		
180	32	0.8
240	25	0.6
320	20	0.5

玄盛企業股份有限公司 食品衛生級 墊片材料特性 比較表

" Gasket Material Selection Guide / Gasket Material Characteristics Comparison Chart " - TECH CONTROL ENTERPRISE CO., LTD.

墊片材料特性 Gasket Material Characteristics	SILICONE	EPDM	VITON (FKM)	TEFLON (PTFE)	BUNA-N
建議操作溫度 Recommend Operating Temperature	-30°C~120°C	-30°C~100°C	-15°C~120°C	-30°C~160°C	-10°C~100°C
耐酸鹼度 Acid/Alkali Resistance	一般 Fair	一般 Fair	良 Good	優 Excellent	一般 Fair
耐臭氧度 Ozone Resistance	一般 Fair	優 Excellent	一般 Fair	一般 Fair	差 Poor
顏色 Color	白色半透明 Translucent White	黑 Black	黑 Black	白 White	原色為淺褐色, 可訂製為白色 Original color is light brown, customizable to white
其它備註事項 Other Comments	耐高溫 heat resistant	耐臭氧 Ozone resistance	耐酒精 alcohol resistance	耐酸鹼及溶劑 acid, alkali, and solvent resistant, 硬 hard	耐油 oil resistance



玄盛企業股份有限公司

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techcontrol@seed.net.tw

●不鏽鋼 食品衛生級 夾接管件、對焊管件、擴管管件 3A、IDF、RJT/BSM/CIP Flat Face、DIN 11851、SMS
Tri-Clamp / Bevel Seat / Butt Weld / Roll-On Expanding HYGIENIC TUBE FITTINGS



Tri-Clamp接頭/夾盤(Ferrule)、盲蓋(Blank)
管夾/夾帶/卡箍(Clamp)、軟管接頭(Hose Barb)
45°、90° 彎頭(Elbow)、大小頭(Reducer)
三通(Tee)、平口三通、十字通(Cross)
管架/管束(Support & Hanger)、食品級墊片
Silicone、EPDM、Viton、Teflon、Buna-N

Strainer & Filter 過濾器

Sight Glass 玻璃視窗

Sight Liquid Level Gauge 液位計

Sampling Valve 取樣閥

CIP Cleaning Spray Ball CIP清洗球

Rotary Spray Ball 旋轉噴球



●不鏽鋼 食品衛生級 手動/氣動 各式閥件 Manual / Pneumatic HYGIENIC VALVES

蝶閥(Butterfly Valve)、考克閥(Plug Valve)、逆止閥(Check Valve)、球閥(Ball Valve)、座閥(Seat Valve)

換向閥(Divert Valve)、截止閥(Shut-Off Valve)、隔膜閥(Diaphragm Valve)、桶底閥(Tank Flush Valve)

接口: 3A Tri-Clamp夾式(Ferrule Ends)、焊式(Weld Ends)、IDF、RJT/BSM/CIP Flat Face、DIN 11851、SMS

尺寸: 1"、1.5"、2"、2.5"、3"、4"

耐壓: 水壓 10 kg/cm² (142 psi at 30° C / 86° F)



●不鏽鋼 食品衛生級 離心式泵浦 CIP HYGIENIC CENTRIFUGAL PUMPS ●不鏽鋼管 HYGIENIC TUBES ASTM A270

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