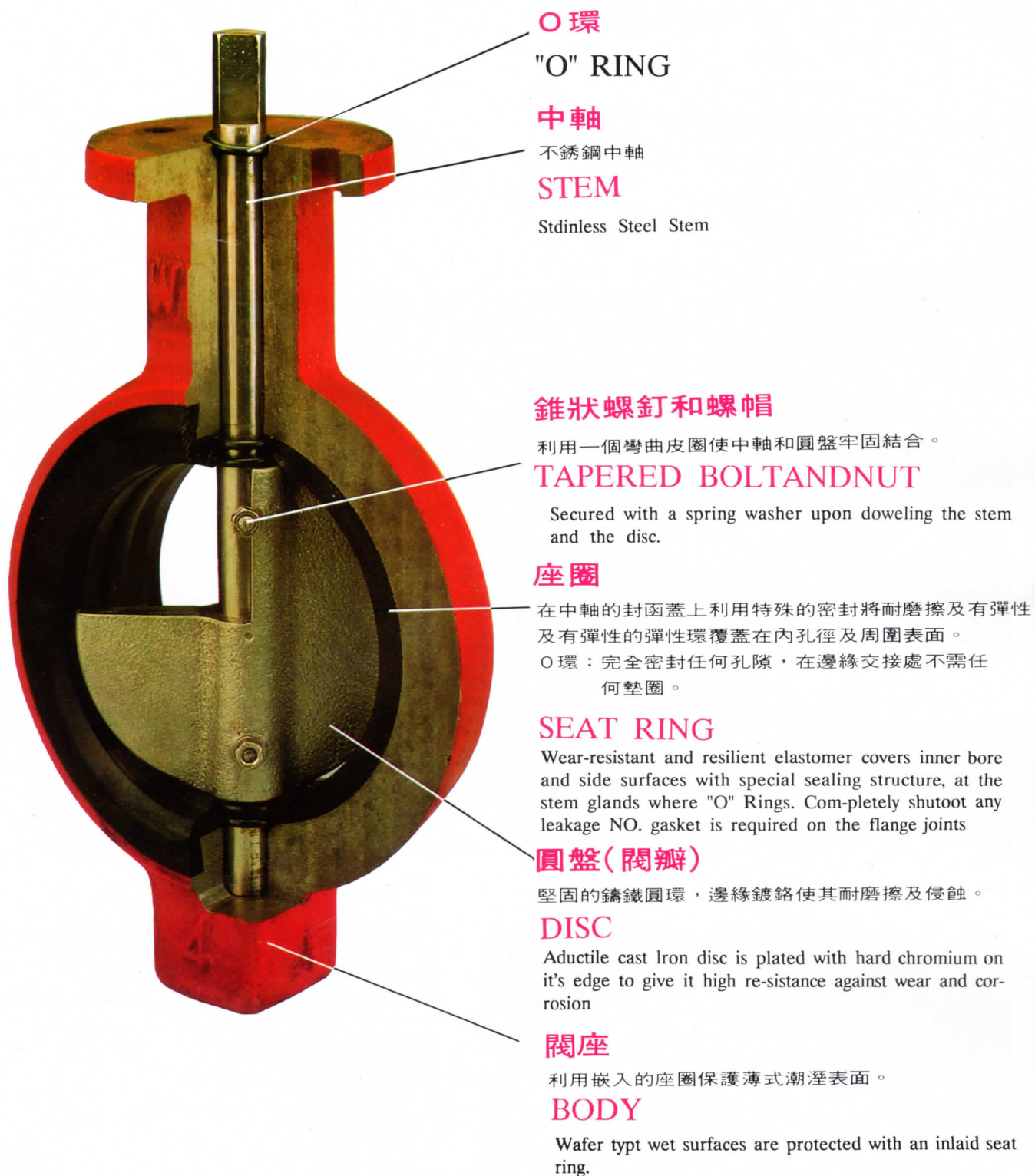


Corrosin Chart 侵蝕性物質表

A-Excellent A — 優 B-good B — 好 C-Fair C — 劣 X-Not Recmmended X — 不必介紹		MATERIAL 林 料	鋁 Aluminum	青銅 Bronze	碳鋼 Carbon Steel	延展性之金屬 Ductile Iron	S.S.304 輪船304	S.S.316 輪船316	Buna-N	Viton	PTFE
FLUID											
Acetic Acid(Oto50%)	醋酸		B	X	X	X	B	A	X	X	A
Acetic Acid(Up50%)	醋酸(50%以上)		B	X	X	X	A	B	X	X	A
Ammonia	氨水		B	X	A	A	A	A	X	X	A
Ammonium Chloride	氯化銨		C	X	X	X	B	B	B	A	A
Aniline	苯胺		C	C	C	C	B	B	X	B	A
Beer(Alcohol Industry)	啤酒(酒精工業)		A	B	C	C	A	A	A	A	A
Benzene	苯		B	B	B	B	B	B	X	B	A
Bromine(Dry)	溴		C	X	X	X	X	X	X	A	A
Butyric Acid	丁酸		B	C	X	X	B	B	X	A	A
Carbonic Acid	碳酸		B	X	X	X	B	B	A	A	A
Carbolic Acid	石碳酸(酚)		A	A	X	X	B	B	X	A	A
Chlorine Gas(Dry)	氯氣(乾)		X	C	X	X	B	B	X	A	A
Chlorine (Wet)	氯(濕)		X	X	X	X	X	X	X	A	A
Chromic Acid	鉻酸酐		C	X	X	X	C	C	X	A	A
Ethers	酯		B	B	A	B	A	A	X	X	
Ferrous Sulfate	硫化鐵		X	B	X	X	B	A	B	A	A
Fluorine(Dry)	氟(乾)		B	B	B	B	B	B	X	A	A
Formaldehyde	甲醛		A	A	B	B	B	A	B	A	A
Formic Acid	甲酸		X	B	X	X	C	A	B	X	A
Freon (Dry)	二氯二氟甲烷		B	B	B	B	A	A	B	B	A
Gasoline	汽油		A	A	A	B	A	A	B	A	A
Gasoline (Sour)	汽油		A	B	B	B	A	A	B	A	A
Glycols			B	B	B	B	B	B	B	A	A
Hydrochloric Acid	氯化氫(鹽酸)		X	X	X	X	X	X	X	A	A
Hydrofluoric Acid	氟化氫		X	X	X	X	X	X	X	B	A
Hydrogen Gas(Cold)	氫氣(冷)		A	B	B	B	A	A	A	A	A
Hydrogen Peroxide	過氧化氫		A	B	X	X	B	B	X	A	A
Kerosene	煤油		A	A	B	B	A	A	B	A	A
Lactic Acid(Dilute Hot)	醋酸(稀釋)		B	X	X	X	B	A	X	A	A
Lactic Acid(Con. Cold)	醋酸(濃縮)		C	X	X	X	B	A	X	A	A
Malic Acid	蘋果酸(羯基丁二酸)	徑	B	B	X	X	A	A	B	X	A
Mercury	汞		C	D	A	A	B	B	A	A	A
Naphtha	輕油(石油腦)		A	B	B	B	B	B	B	A	A
Nitric Acid(Dilute)	硝酸(稀釋)		X	X	X	X	A	A	X	A	A
Nitric Acid(Concentrated)	硝酸(濃縮)		B	X	X	X	A	A	X	X	X
Oxalic Acid	草酸		C	B	X	X	B	B	X	A	A
Oxygen	氧		A	A	B	B	A	A	B	A	A
Phosphoric Acid 25%	磷酸25%		X	X	X	X	B	B	B	A	A
Phosphoric Acid 25%	磷酸25%		X	X	X	X	B	B	B	A	A
Potassium Cyanid	氰化鉀		X	X	B	B	B	B	A	A	A
Potassium Hydroxide	氫氧化鉀		X	X	B	B	B	B	B	A	A
Sea Water	海水		C	C	X	X	B	B	A	A	A
Sodium Nitrate	硝酸鈉		A	B	B	B	A	A	A	A	A
Starch	澱粉		A	B	A	A	A	A	A	A	A
Steam	蒸氣		B	A	A	A	A	A	X	B	B
Vinegar	醋		C	B	X	X	A	A	B	X	A
Water, Fresh	水(新鮮)		A	A	C	C	A	A	A	A	A
Watter, Brackish	水, 有塩味的		B	B	X	X	A	A	A	A	A
Whiskey & Wines	威士忌和酒		X	A	X	X	A	A	X	A	A

構造

Construction



O 環

"O" RING

中軸

不銹鋼中軸

STEM

Stainless Steel Stem

錐狀螺釘和螺帽

利用一個彎曲皮圈使中軸和圓盤牢固結合。

TAPERED BOLT AND NUT

Secured with a spring washer upon doweling the stem and the disc.

座圈

在中軸的封函蓋上利用特殊的密封將耐磨擦及有彈性及有彈性的彈性環覆蓋在內孔徑及周圍表面。

O 環：完全密封任何孔隙，在邊緣交接處不需任何墊圈。

SEAT RING

Wear-resistant and resilient elastomer covers inner bore and side surfaces with special sealing structure, at the stem glands where "O" Rings. Completely shut out any leakage NO. gasket is required on the flange joints

圓盤(閥瓣)

堅固的鑄鐵圓環，邊緣鍍鉻使其耐磨擦及侵蝕。

DISC

Ductile cast iron disc is plated with hard chromium on its edge to give it high resistance against wear and corrosion

閥座

利用嵌入的座圈保護薄式潮溼表面。

BODY

Wafer type wet surfaces are protected with an inlaid seat ring.

明確標準 *Standard Specifications*

Flanges: 凸緣尺寸

JIS 5kgf/cm² JIS 10kgf/cm²
JIC 5kgf/cm² , JIC 10kgf/cm²

Service Fluids: 流體提供

Water (fresh, dirty, salt) Oils, Air, Gasses, Chemicals, Foodstuffs, Powders etc.

水 (新鮮的、髒的、含鹽的)、油、空氣、瓦斯、化學品、食品、粉末等

Working Pressure: 使用壓力

10 kg/cm² (150 p.s.i.)

Service Temperature: 溫度提供

NBR: -20°C~80°C
EPDM: -20°C~100°C
VITON: -40°C~150°C
SILICONE: -40°C~180°C
PTFE: -40°C~80°C

Test Pressure: 壓力試驗

Body 20kg/cm² (300 p.s.i.)
本體 20kg/cm² (300 p.s.i.)

Leak Test: 漏隙試驗

Seal same as working pressure.

座 10kg/cm² (150 p.s.i.)

Standard Materials: 材質標準

Body FC20 Cast Iron scsl 3.1 4 S taunless steel W.C.B.
Disc FCD 45 Ductile Cast Iron hard chrome plated or SCS 13 SCS 14 cast stainless steel.
Stem SUS403 stainless steel.SUS
seat NBR EPDM SILICONE VITON PTFE
Taper Bolts SUS304 SUS316 stainless steel

Dimensions

Size尺寸	Dimenslons(mm) 尺寸									Flange 凸緣		Weight Approx 重量
										Jis 10kg/m ²		
inch	d	L	D	H ₁	H ₂	D ₁	T	T ₁	T ₂	C	n-hBolt	
2	50	38	101	73	100	76	30	8.6	50	120	4-19-M16	3.8
2.5	65	42	121	90	119	76	30	8.6	50	140	4-19-M16	4.8
3	76	42	131	90	122	76	30	8.6	50	150	8-19-M16	4.9
4	101	48	157	113	145	92	30	11	70	175	8-19-M16	6.7
5	128	52	187	124	158	92	30	11	70	210	8-23-M20	8.2
6	154	52	217	140	180	92	30	11	70	240	8-23-M20	10.5
8	196	60	267	180	215	130	40	17	102	290	12-23-M20	18.7
10	253	62	330	215	250	130	40	17	102	355	12-25-M22	25.4
12	294	76	375	248	292	130	45	21	102	400	16-25-M22	35
14	346	76	422	274	327	130	45	21	102	445	16-25-M22	52
16	386	86	483	318	372	170	65	23	140	510	16-27-M24	82.7
18	436	105	538	338	393	170	65	26	140	565	20-27-M24	105
20	480	110	595	371	439	170	65	26	140	620	20-27-M24	130
22	530	120	635	400	460	170	65	26	140	680	20-33-M30	170
24	600	140	697	410	488	170	65	32	140	730	24-33-M30	220

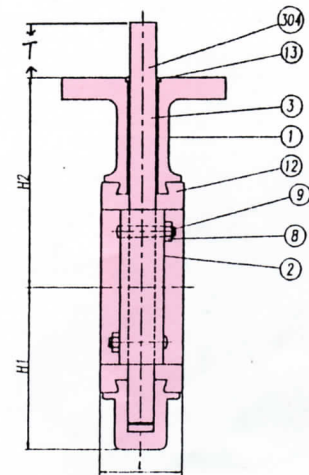
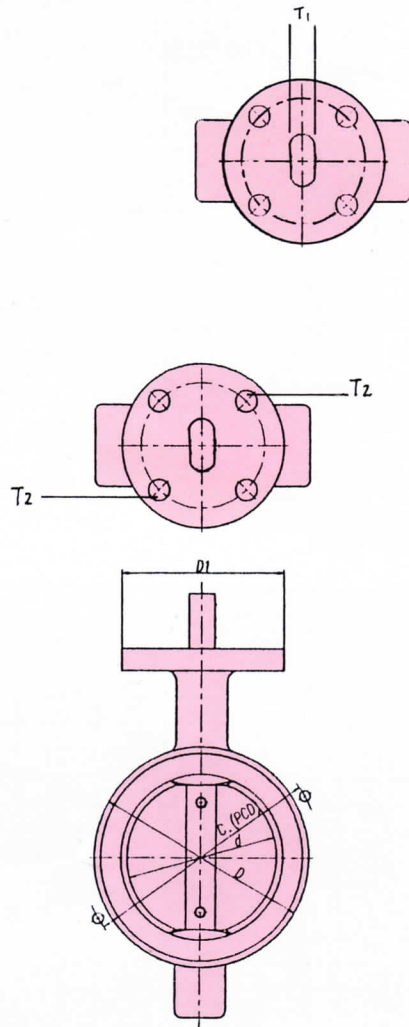
Parts

NO 編號	Parts 零件	Materials 質料
1	Body 本體	Cast Iron 鑄鐵
2	Disc 閘片	Cast Stainless 鑄不銹鋼
		Ductile Cast Iron
3	Stem 心軸	Stainless Steel 不銹鋼
4	Bushing 襯套	
5	Bushing 襯套	
6	Bottom Cover 底蓋	Cast Iron 鑄鐵
7	Retainer 承盤	Mild Steel 軟鋼
8	Taper Bolt	Stainless Steel 不銹鋼
9	Nut & SP. Washer 螺帽附彈簧華司	Stainless Steel 不銹鋼

NO 編號	Parts 零件	Materials 質料
10		Mild Steel 軟鋼 高級
		High Carbon Steel 碳鋼
11		
12	Seat Ring 座環	Elastomer 彈性聚合物
13	O-Ring O-環	Elastomer 彈性聚合物
14		PTFE 鐵氟龍
15		Elastomer
16		
17		
18		

閥體 Body

2" ~ 10"



1 2" ~ 24"

