



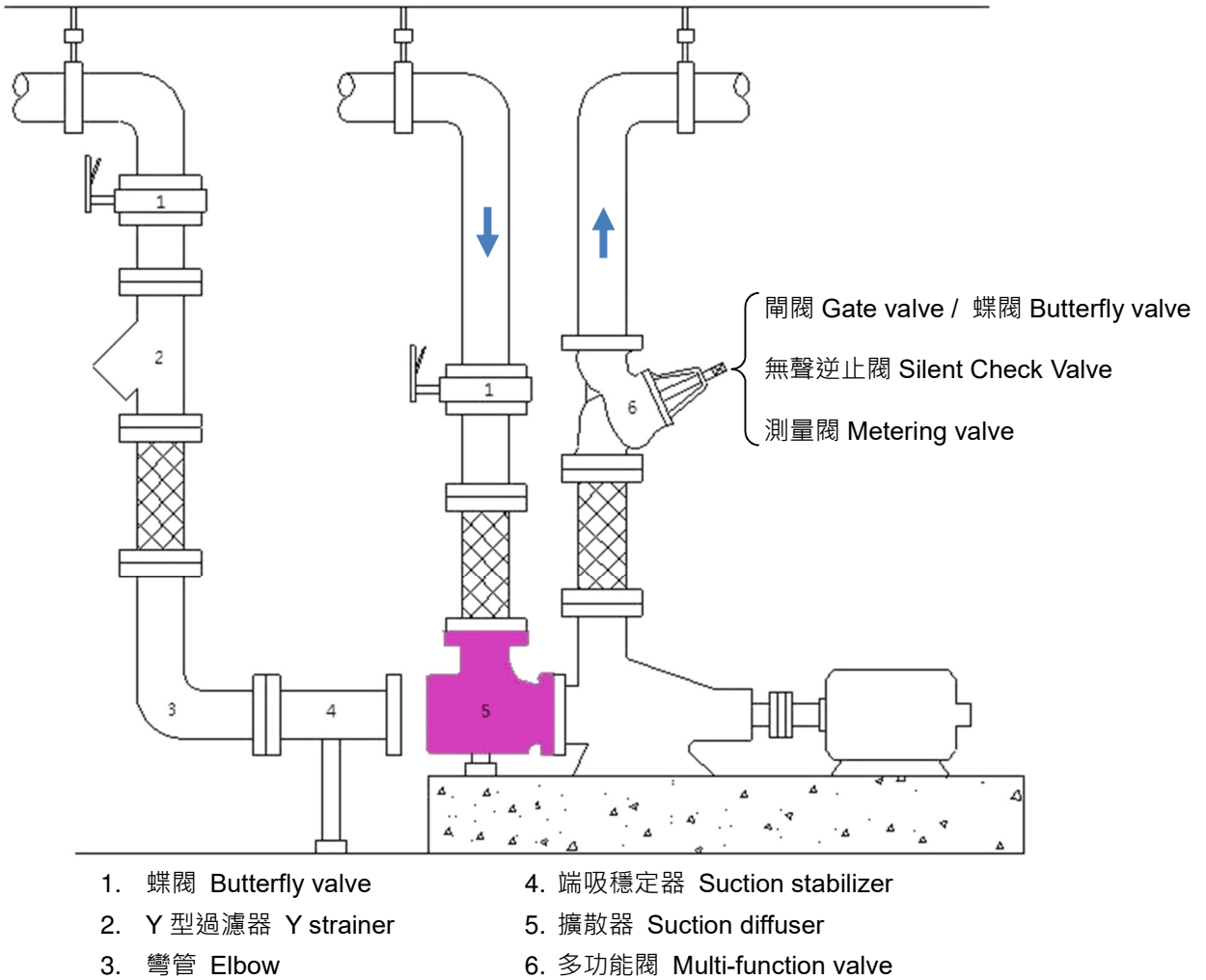
特點 Features

1. 綜合了過濾器、彎頭、端吸穩定器等，節省空間
Combined more than one features in one valve, including elbow, strainer and suction stabilizer. This will save your installation space.
2. 比傳統過濾器更大流量面積的濾網，濾網的開孔率可達 63%
The permanent strainer provide has more free area than conventional strainers. And the percentage of the free area can be 63%.
3. 內置導流翼使流體更加穩定
Built-in straightening vanes for fluid stability.
4. 拋棄型泵浦啟動保護濾網，防止異物進入泵浦
The mesh throw-away start up strainer can prevent foreign matter from entering pump.
5. 提供相同或縮小直徑的擴散器
Suction Diffuser are available with equal or reduced flange sizes.

結構材質 Material of Construction

零件 Parts	材質 Material
閥體 Body	球墨鑄鐵 / 不鏽鋼 Ductile Iron / Stainless Steel
端蓋 Cover	球墨鑄鐵 / 不鏽鋼 Ductile Iron / Stainless Steel
濾網 Screen	不鏽鋼 Stainless Steel
O 型環 O-ring	橡膠 Rubber

應用範例 Application



閥門規格 Specification

類型 Class	10K / 150LB / PN10	16K / PN16
工作壓力 Working Pressure	10 bar	16 bar
工作溫度 Working Temperature	-10~100 °C	-10~100 °C

● 啟動保護濾網為 20 mesh 之不鏽鋼編織網，系統試車結束後，應將其拆除

Start-up protect screens are 20 mesh stainless steel plain square weave. The start-up protect screen should be removed after the examination of the whole system.

● 當擴散器入口與出口壓差超過 0.3 bar 時，必須清除擴散器內之垃圾

If the differential pressure between the inlet and the outlet of the suction diffuser exceeds 0.3 bar, the suction diffuser must be cleaned.

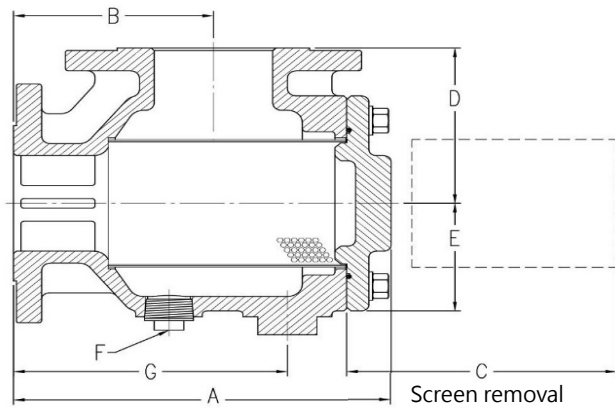
※如有特殊需要，請與工廠聯絡以獲得更多資訊

Other sizes available on special request. Contact factory for further information.

注意 Note :

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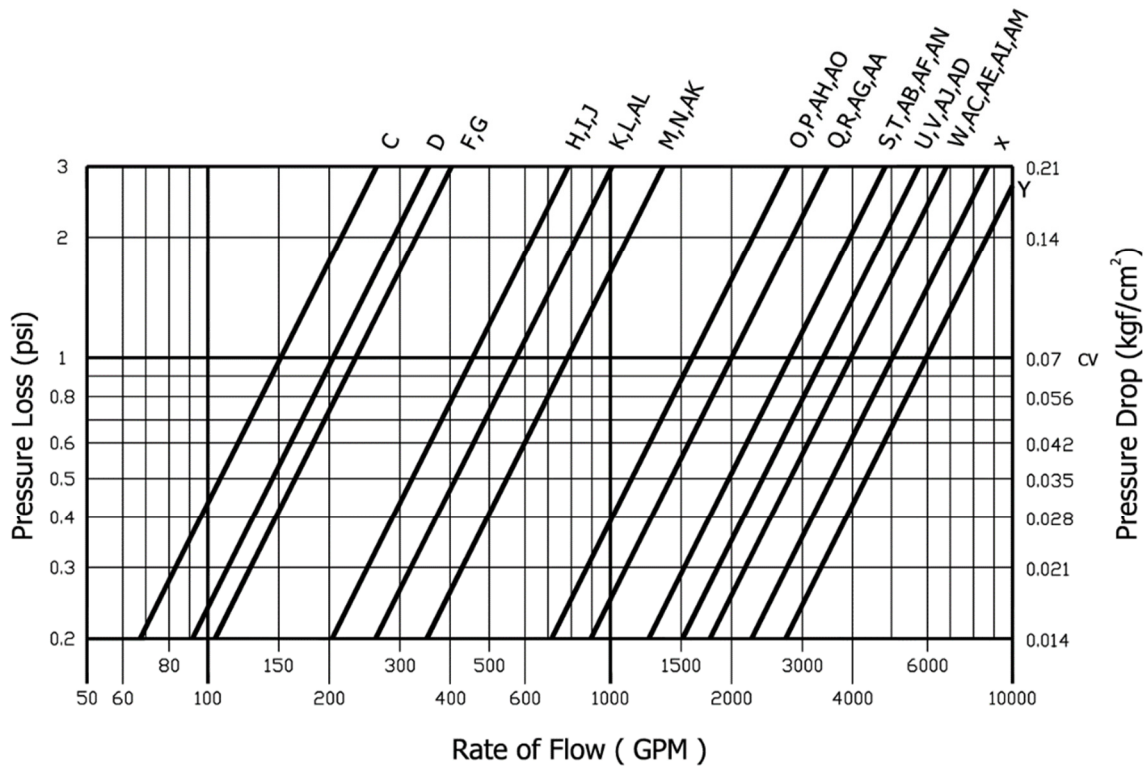
外形尺寸 Dimension



代號 Code	口徑 Size	入口 Inlet	出口 Outlet	濾網過濾器 Strainer		尺寸 Dimensions (mm)							重量(kg) Weight
				過流面積(cm ²) Flow area	開孔徑(mm) Hole size	A	B	C	D	E	F	G	
C	2×2	50	50	150	3.97	205	120	150	105	65	1/2"	155	10
D	2.5×2.5	65	65	240	3.97	220	125	150	115	80	1/2"	165	17
F	3×3	80	80	325	3.97	255	135	200	130	90	1"	185	25
G	4×3	100	80	325	3.97	255	135	200	130	90	1"	185	27
H	4×4	100	100	515	3.97	330	185	250	145	105	1"	240	32
I	5×4	125	100	515	3.97	330	185	250	145	105	1"	240	35
J	6×4	150	100	515	3.97	330	185	250	145	105	1"	240	37
K	5×5	125	125	800	3.97	400	230	300	180	120	1"	300	40
L	6×5	150	125	800	3.97	400	230	300	180	120	1"	300	48
AL	8×5	200	125	925	3.97	400	220	300	205	140	1"	275	59
M	6×6	150	150	925	3.97	400	220	300	210	140	1"	275	58
N	8×6	200	150	925	3.97	400	220	300	205	140	1"	275	60
AK	10×6	250	150	1620	3.97	500	280	400	240	170	1"	370	85
O	8×8	200	200	1620	3.97	500	280	400	240	170	1"	370	92
P	10×8	250	200	1620	3.97	500	280	400	240	170	1"	370	95
AH	12×8	300	200	2500	3.97	625	325	500	280	190	1"	425	130
AO	14×8	350	200	2500	3.97	625	325	500	280	190	1"	425	148
Q	10×10	250	250	2500	3.97	615	325	500	280	190	1"	425	128
R	12×10	300	250	2500	3.97	615	325	500	280	190	1"	425	160
AG	14×10	350	250	3300	3.97	690	380	550	305	240	1"	485	226
AA	16×10	400	250	3470	3.97	695	380	550	325	260	1"	480	255
S	12×12	300	300	3300	3.97	680	380	550	305	240	1"	485	214
T	14×12	350	300	3300	3.97	680	380	550	305	240	1"	485	230
AB	16×12	400	300	3470	3.97	705	380	550	325	260	1"	480	262
AF	18×12	450	300	3935	3.97	770	430	650	320	240	1"	480	280
AN	20x12	500	300	5400	3.97	1000	600	750	500	280	1"	720	340
U	14×14	350	350	4870	3.97	785	420	650	355	280	1"	550	255
V	16×14	400	350	4870	3.97	785	420	650	355	280	1"	550	265
AJ	18×14	450	350	4870	3.97	785	420	650	355	280	1"	550	300
AD	20×14	500	350	6960	3.97	1020	600	850	500	360	1"	750	580
W	16×16	400	400	5280	3.97	785	450	650	400	320	1"	550	370
AC	18×16	450	400	5620	3.97	825	450	700	400	320	1"	580	425
AE	20×16	500	400	6960	3.97	1020	600	850	500	360	1"	750	583
AI	22×16	550	400	7220	3.97	1050	600	900	500	360	1"	750	595
AM	24x16	600	400	7220	3.97	1050	600	900	505	360	1"	750	650
X	18x18	450	450	9715	3.97	1070	650	900	500	400	1"	750	535
Y	20×20	500	500	9715	3.97	1070	650	900	500	400	1"	750	585

※表中的尺寸、過流面積及重量為近似值 Dimensions, flow area and weight are approximate values.

壓力損失曲線 Pressure Loss Curve



規格範例 Typical Specification

承攬人應當在指定位置安裝擴散器，型號為 51，尺寸為 14" x 12"。端吸過濾器材質應為球墨鑄鐵並有導流翼。過濾器上應有規格 20 mesh，不鏽鋼 304 的啟動保護濾網。過濾網材質為不鏽鋼。閥體上要有用於焊接支架的凸台。

The contractor shall install in location a Suction Diffuser Model 51, Size 14" x 12". The Suction Diffuser shall be of ductile iron construction with straightening vanes. A start-up screen of 20 mesh, stainless steel 304 will be include over the primary strainer screen. The primary will be of stainless steel 304. The Suction Diffuser body will be equipped with a boss for support.

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