

WE 電磁換向閥 Solenoid Operated Directional Valves

WE-02G-20



WE-02G-30



FEATURES

- Casting iron valve bodies are provided strength and durability for longer life.
- Internal hardened steel components also provide durable life.

特點

- 閥本體鑄鐵強度夠且耐久性，壽命長。
- 內部硬鋼原件提高產品壽命。

◆ SPECIFICATIONS 規格

Model Number 型 式 號 碼	Maximum Pressure 最大壓力 bar	Maximum tank line back pressue 最大容許背壓 bar	Maximum tank frequencies of operation 最高切換頻率 CPM	Maximum Flow 最大流量 lpm	Weight 重 量 Kg
WE- *C*-02G-**-20	315 (4500 psi)	210 (3000 psi)	300 CPM	100 (26.4 gpm)	1.9 (4.2 lbs)
WE- *B*-02G-**-20					1.4 (3.1 lbs)
WE- *C*-02G-**-30					1.9 (4.2 lbs)
WE- *B*-02G-**-30					1.4 (3.1 lbs)
Fluid Type 流體型式			ISO VG 32 , 46 , 68		
Viscosity 黏性 cSt			10~400 (59~1854 SSU)		
Operating Temperature 操作溫度 °C			-30~100 (-22~212°F)		
Contamination Level 污 染 標 準			ISO4406. 21/19/16 NAS1638,10		
Surface Treatment 表面處理			Zinc Phosphate Compound 鋅 磷酸鹽 化合物		

- All screws with metric measure , if require inch measure , please contact us.

所附螺絲皆為公制標準規格品，若需英制螺絲請另外備註說明。



◆ HOW TO ORDER 編號說明

1	2	3	4	5	6	7
WE	***	02	G	**	**	20

1 VALVE SERIES 系列名稱

WE=Solenoid Operated Directional Valves

2 SPOOL TYPE 滑柱型式

Detail as next page listed 明細見下頁

3 SUBPLATE MOUNTING SIZE: 稱呼口徑

02=1/4"(6mm)
ISO CETOP3
DIN NG 6
NFFA D03

4 CONNECTING TYPE 連接型式

G:TYPE:BASEPLATE MOUNTING TYPE
G: (板式連接)

5 TYPE OF COIL 電磁閥電磁線圈類型

A1 : AC110 60HZ D1 : DC12
A115 : AC115 50HZ D2 : DC24
A230 : AC230 50HZ R1 : RF110 60HZ/50HZ
A2 : AC220 60HZ R2 : RF220 60HZ/50HZ

6 AUXILIARY SYMBOL 輔助記號

NONE : STANDARD

無 : 標準型

F : SHOCKLESS TYPE

F : 無沖擊型

(Available with power supply D*,R*)

(適用電源類型D*,R*)

AK : A WITH MANUAL PUSH-BUTTON

AK: A帶手動按鈕

BK : B WITH MANUAL PUSH-BUTTON

BK: B帶手動按鈕

WK : A/B WITH MANUAL PUSH-BUTTON

WK: A/B帶手動按鈕

7 WIRING TYPE 接線型式

20 :WIRING BOX TYPE

接線盒式

30 :DIN TYPE (DIN 43650-A/ISO4400)

DIN型 (DIN 43650-A/ISO4400)

40P:AMP JUNIOR (APPLICATION FOR DC COIL_ IRON COVER / IP65)

AMP連接器 (只適用DC線圈_鐵製外殼/ IP65)

42D:DT04-2P-V TYPE (APPLICATION FOR DC COIL_ IRON COVER / IP65)

DT04-2P-V型 (只適用DC線圈_鐵製外殼/ IP65)

45X:DOUBLE LEAD (APPLICATION FOR DC COIL)

雙接線方式 (只適用DC線圈)

● More information of coil please refer our catalogue_ coil, or contact with us.

以上線圈詳細資料請參閱線圈目錄或與本公司聯繫

◆ SOLENOID RATINGS: 電磁定率

ELECTRIC SOURCE 電 源	COIL TYPE 電磁線圈類型	VOLTAGE(V) 電 壓			CURRENT & POWER AT RATED VOLTAGE 最大電壓的電流和電源功率		
		SOURCE RATED 最大值	HZ 頻率	RANGE 範圍	IN-RUSH 啟動電流 CURRENT(A)	HOLDING 固定電流 CURRENT(A)	WATTAGE 瓦特數
AC	A1	AC100	50	80~110	2.2	0.52	25
			60	90~120	2.0	0.38	22
		AC110	60		2.2	0.46	28
	A115	AC110	50	90~120	2.0	0.47	25
			60	100~130	1.8	0.35	22
		AC115	60		2.0	0.42	28
	A2	AC200	50	160~220	1.1	0.26	25
			60	180~240	1.0	0.19	22
		AC220	60		1.1	0.23	28
	A230	AC220	50	180~240	1.0	0.24	25
			60	200~260	0.91	0.17	22
		AC230	60		1.0	0.21	28
	A24	AC 24V	50	21~28		2.4	
			60			2.1	
DC	R1	AC110	50	100~125		0.31	32
			60				
	R2	AC200	50	180~220		0.18	32
			60				
DC	D1	DC12	—	10.8~13.2		2.5	30
	D2	DC24	—	21.6~26.4		1.25	30

● Above value based on temperature 30°C, electric voltage allowance 15%.

以上數據基礎為溫度30°，電壓容許度15%。



◆ SPOOL TYPES 滑柱型式

SPRING CENTERED 3 POSITIONS 彈簧中心三位置

WE-3C2 	WE-3C3 	WE-3C4 	WE-3C40
WE-3C5 	WE-3C6 	WE-3C7 	WE-3C8
WE-3C9 	WE-3C10 	WE-3C11 	WE-3C12

NO SPRING 2 POSITIONS 無彈簧二位置

WE-2D2 	WE-2D3
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SPRING 2 POSITIONS 彈簧二位置

WE-2B2 	WE-2B3
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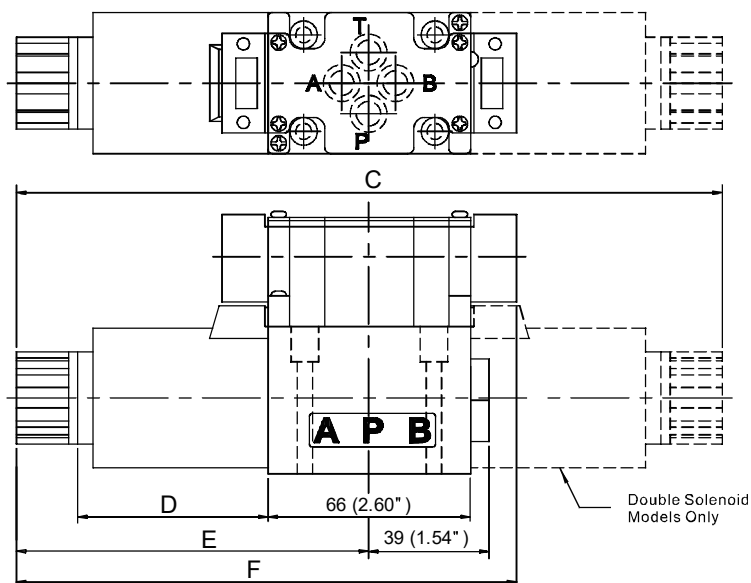
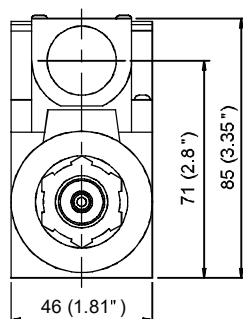
2 POSITIONS 二位置

TYPE 類型	GRAPHIC SYMBOLS 圖形符號		TYPE 類型	TYPE 類型	GRAPHIC SYMBOLS 圖形符號		TYPE 類型
	STANDARD ASSEMBLAGE 標準配置	REVERSE ASSEMBLAGE 反向配置			STANDARD ASSEMBLAGE 標準配置	REVERSE ASSEMBLAGE 反向配置	
2B2A			2B2AL	2B2B			2B2BL
2B3A			2B3AL	2B3B			2B3BL
2B4A			2B4AL	2B4B			2B4BL
2B40A			2B40AL	2B40B			2B40BL
2B5A			2B5AL	2B5B			2B5BL
2B6A			2B6AL	2B6B			2B6BL
2B7A			2B7AL	2B7B			2B7BL
2B8A			2B8AL	2B8B			2B8BL
2B9A			2B9AL	2B9B			2B9BL
2B10A			2B10AL	2B10B			2B10BL
2B11A				2B11B			2B11BL
2B12A				2B12B			2B12BL



◆ DIMENSIONS 外型尺寸圖

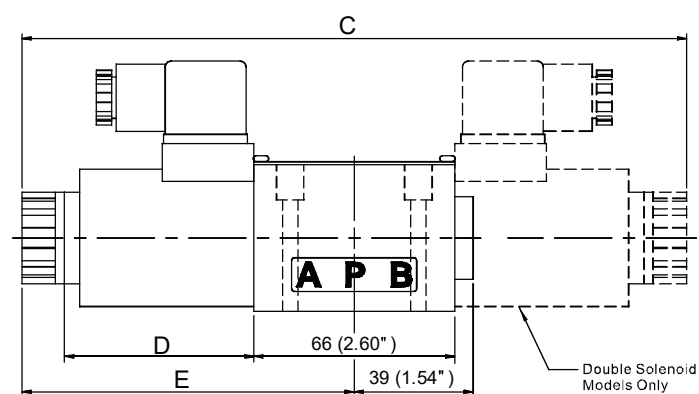
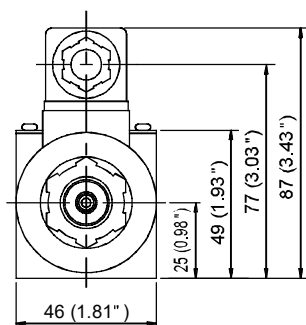
WE-02G-**-20



MODEL	C	D	E	F
WE-02G-A2-20	206(8.11")	50(1.97")	103(4.06")	151(5.94")
WE-02G-D2-20	220(8.66")	60.8(2.39")	110(4.33")	158(6.22")

◆ DIMENSIONS 外型尺寸圖

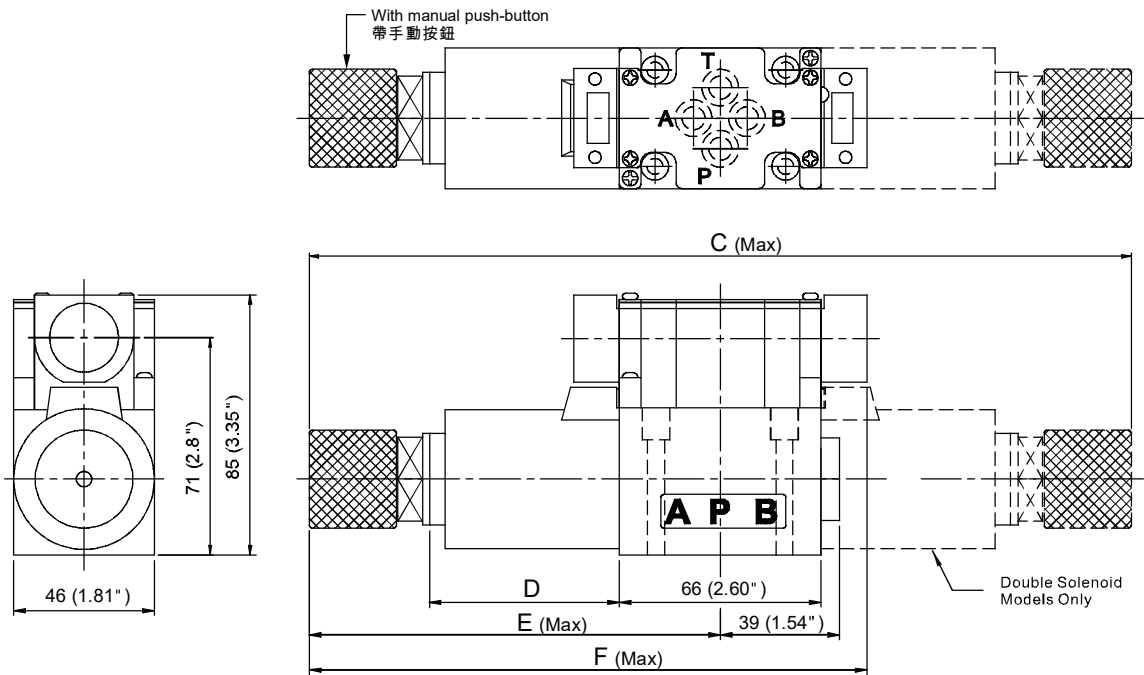
WE-02G-**-30



MODEL	C	D	E
WE-02G-A2-30	206(8.11")	50(1.97")	103(4.06")
WE-02G-D2-30	220(8.66")	60.8(2.39")	110(4.33")



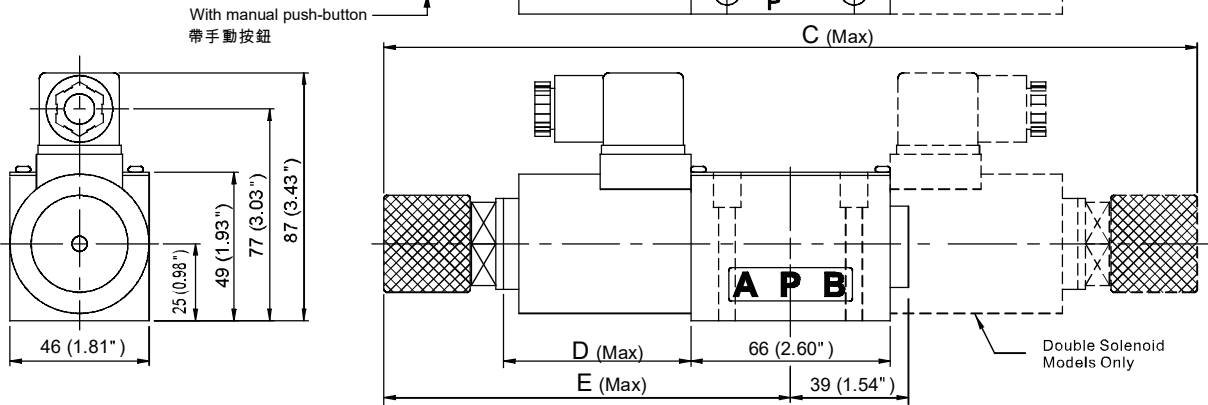
WE-02G-**-*-K-20



MODEL	C	D	E	F
WE-02G-A2-*-K-20	260(10.25")	50(1.97")	130(5.12")	178(7.01")
WE-02G-D2-*-K-20	282(11.10")	60.8(2.39")	141(5.55")	189(7.44")

◆ DIMENSIONS 外型尺寸圖

WE-02G-**-*-K-30

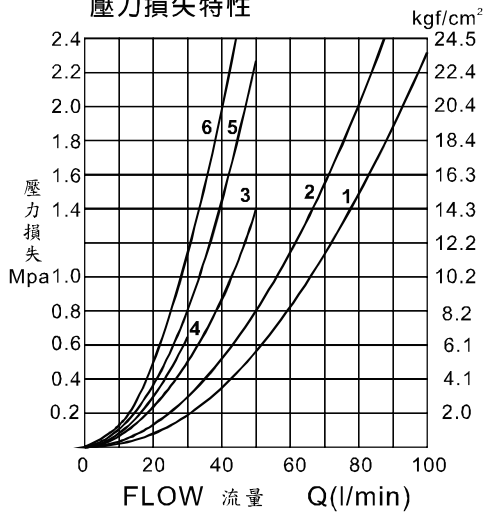


MODEL	C	D	E
WE-02G-A2-*-K-20	260(10.25")	50(1.97")	130(5.12")
WE-02G-D2-*-K-20	282(11.10")	60.8(2.39")	141(5.55")



◆ PERFORMANCE 性能

壓力損失特性

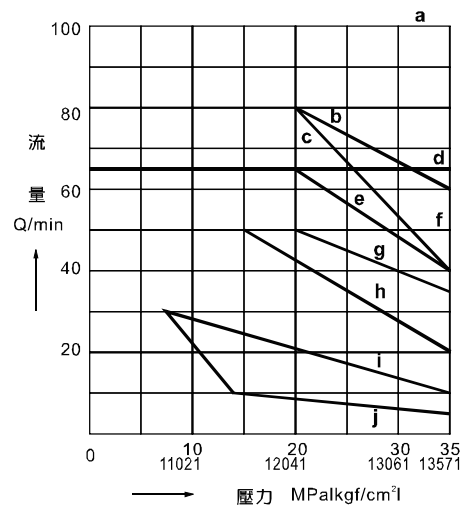


作動油粘度 32mm²/s1cST

作動記號	P→A	P→B	A→T	B→T	P→T
2B2	2	2	2	2	—
2D2	2	2	2	2	—
2B3,2D3	1	1	1	1	—
3C3	1	1	1	1	1
2B2B,3C2,3C40	2	2	2	2	—
3C12	2	2	1	2	—
3C11	1	2	2	2	—
3C4	2	2	1	1	—
3C6	6	6	5	5	3
3C5	1	6	2	5	3
3C9	1	1	2	2	—

壓力-流量

作動例	作動記號	作動例	作動記號	作動例	作動記號
2B2	b	j	j	j	j
2D2	a	j	i	i	i
2B3	d	d	d	d	d
2D3	d	d	d	d	d
2B2B	a	-	j	j	j
3C12,3C4	c	j	j	j	j
3C11,3C2,3C40,3C9	a	j	j	j	j
3C3	f	f	f	f	f
3C6,3C5	g	j	j	j	j



◆ Mounting Interface 基座尺寸圖

ISO 4401-AB-03-4-A

