



YEOSHE

液壓配件

Hydraulic Components

電磁閥 系列

Solenoid Valve Series



Efficient Performance
Innovative Technology
Reliable Quality and
Service

www.yeoshehydraulic.com

YEOSHE HYDRAULICS CO.,LTD.



電磁閥

Solenoid Valve

Table of Contents

01	HD-G02-B Series
08	HD-G03-B Series
22	DSG Series-02-Double Coil (PAB)

E

YEOSHE

YEOSHE HYDRAULICS CO., LTD.

高效率高電流值電磁方向閥



HD-***-G02-DL-**-DC(單頭)



HD-***-G02-LW-**-AC(雙頭)

B型系列，E型系列電磁閥之優點 B-type,E-type Valve Feature

1. 本體採雙回油溝設計，將各油溝加大，使其通往流量增加並提升高使用壓力。
 2. 軸心採加大設計，增加軸孔通過流量，減少內部抵抗，增加容許背壓。
 3. 採用最新型的電磁線圈與電磁管組合，電磁閥在運作過程中之線圈能有效降低溫升，以符合使用者的需求。
 4. 線圈採用最新型特殊設計，能有效達到低耗能、高效率並且降低電流值，能提供與F型的電磁閥相同的大出力與使用壓力。
 5. 安裝尺寸與外觀尺寸皆與F型電磁閥皆相同，能取代F型電磁閥。
 7. 新B型電磁閥各項產品特性及資料，皆優於F型電磁閥，固可完整取代F型。
- 本公司以新B型電磁閥提論，不僅讓貴公司提升產品質量及水平，更是提高競爭力的優質首選。

1. Dual line tank design reduces the pressure drop resulting in better flow characteristics.
 2. The spool's design is the increased size and can improve the better flow characteristics Huge increasing of back-pressure allowable and lower internal resistance.
 3. New type of magnetic coil and tube combination,enable the solenoid valve can lower the temperature effectively during operation.
 4. New special design type of coil can lower current and temperature effectively,even energy-saving.
 5. Can reach the high flow and pressure as the same as F-type.
 6. The valve's feature and dimension are as the same as F-type and totally interchangeable with F-type solenoid valves.
 7. New B-type solenoid valve will totally interchangeable with F-type solenoid valve in the future.
- The new B-type solenoid valve will totally interchangeable with F-type solenoid valve in the future.
The new B-type solenoid valve will improve your product quality and increase the company's competitiveness.

型號 Model 參數 Specification		AC				DC		RF	
		HD-G02				HD-G02		HD-G02	
使用電壓(V) Voltage(V)		110		220		12	24	110	220
		50	60	50	60				
保持電流(A) Holding Current(A)	新B型 New B-type	0.43	0.43	0.22	0.22	1.72	1.05	0.38	0.19
	舊F型 Older F-type	0.06	0.60	0.30	0.30	2.60	1.30		
啟動電流(A) Start Current(A)	新B型 New B-type	1.45	1.47	0.89	1.01				
	舊F型 Older F-type	2.26	2.26	1.33	1.23				
防護等級 Protection Class		IP65							
線圈使用銅線等級 Insulation Class		PEWH級 PEWH class							
線圈耐溫程度 Maxlimum Tolerable Temperature		180℃							

附註：

- 1.使用電壓有±10%的操作範圍。
- 2.本公司線圈備有其他電壓提供。

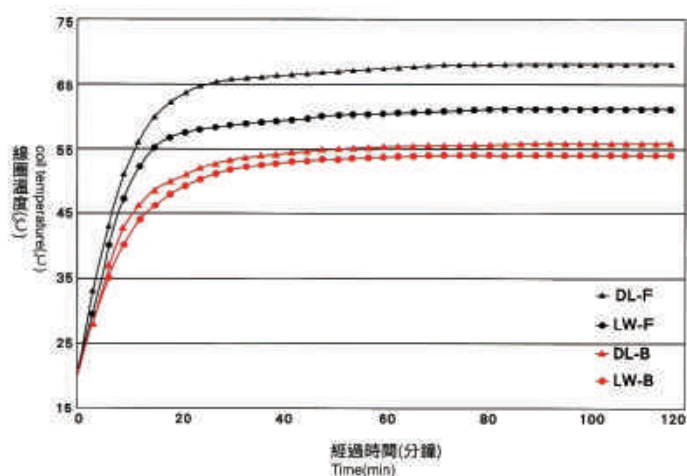
Notes：

- 1.Within ±10% application of rated voltage.
- 2.If you have special voltage requirements,please contact with us.

高效率低電流值電磁方向閥



新B型VS.F型電磁線圈溫升表現 New B type VS.Old F type temperature rise performance



1. 線圈溫度測試時之操作壓力為100gf/cm²。
2. 此線圈溫度側是在實驗室恒溫22°C。
3. 以AC220V型線圈為例。

1. The operational pressure in the test of the coil temperature is 100kgf/cm²
2. The coil temperature test at a constant temperature of 22 degrees in the laboratory.
3. AC220V coil type, example.

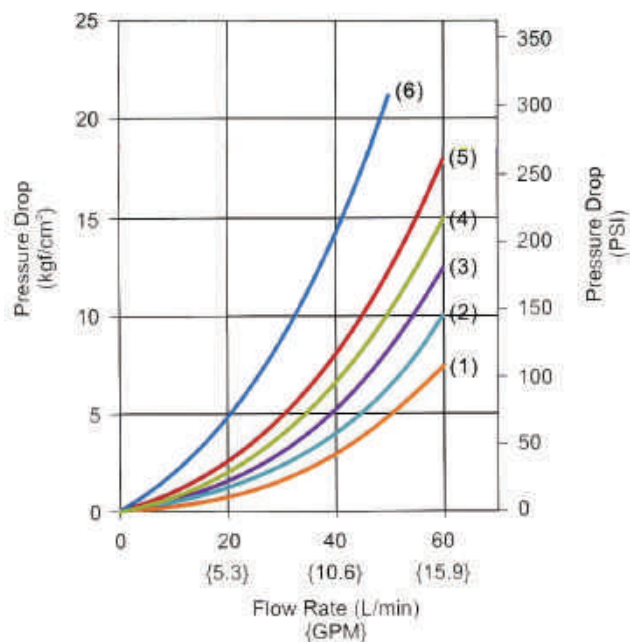
型號說明 Description of Model

HD - 3C2 - G02 - LW - B - S - A

HD	-	3C2	-	G02	-	LW
HD		***		G02		LW/DL
方向切換閥 Direction conversion valve		軸心回路種類 Spool Type		閥體口徑尺寸 Valve size		接現形式代號 Wiring Connection type
油浸式電磁方向閥 Flow oil Dipping Solenoid Directional control valve (plug-in board type)		請參閱軸心表 Refer to The List Of Spool Function		G02 1/4" (D03)(NG06)		LW : 接線盒形式 Box type DL : 插頭式 Din type

B	-	S	-	A
*		*		*
設計代號 Design No.		切換頻率代號 Conversion Frequency		手動切換定位調整型 Adjustment Type
B : 高效率低電流 電磁方向閥 High efficiency and Low current Solenoid Directional control valve	E : 大流量 電磁方向閥 Standard High Flow Wet Pin design valve	無: 標準型 No Mark : Standard type	S : 無衝擊型 S : Soft shift type	RF : 交直流轉換型 RF : Rectified coil type
				A : A邊定位型 A : A Port Adjustment type
				B : B邊定位型 B : B Port Adjustment type
				AB : AB邊定位型 AB : A&B Port Adjustment type

高效率低電流值電磁方向閥

壓力曲線表 Pressure drop curve(measured at $v=38\text{mm}^2/\text{s}$ and $\text{temp.}=50^\circ\text{C}$)

Model Numbers	Pressure Drop Curve Number				
	P→A	B→T	P→B	A→T	P→T
HD-2B2-G02	(5)	(5)	(2)	(2)	-
HD-2B3-G02	(4)	(4)	(2)	(1)	-
HD-2B8-G02	(2)	-	(2)	-	-
HD-3C2-G02	(2)	(2)	(2)	(2)	-
HD-3C3-G02	(1)	(1)	(1)	(1)	(3)
HD-3C4-G02	(2)	(1)	(2)	(1)	-
HD-3C40-G02	(2)	(2)	(2)	(2)	-
HD-3C60-G02	(6)	(6)	(6)	(6)	(3)
HD-3C9-G02	(1)	(2)	(1)	(2)	-
HD-3C10-G02	(2)	(1)	(2)	(2)	-
HD-3C11-G02	(1)	(2)	(2)	(2)	-
HD-3C12-G02	(2)	(2)	(2)	(1)	-
HD-2D2-G02	(2)	(5)	(2)	(5)	-

產品特性表 Description of feature

閥尺寸 Model	HD-G02					
參數 Specification	最高使用壓力 (kgf/cm^2) Max. Pressure	容許背壓 (kgf/cm^2) Allowable Back pressure	最大流量 (L/min) Max flow	切換頻率(回/分) Conversion frequency (Cycle/min)	液壓油 溫度範圍($^\circ\text{C}$) Hydraulic oil temperature range	液壓油 黏度範圍 (cst) Hydraulic oil viscosity range
	315	70~160	60	AC、DC型：240 RC型：120 RS型：120 AC、DC type：240 RC type：120 RD type：120	-15~+70	10~400 (ISO VG46、68)

附註：

最大流量、最大壓力、容許背壓隨回路而異。

Notes：

Max.flow,max.pressure&allowable back pressure will be varied to different circuits.



高效率低電流值電磁方向閥

注意事項 Notice

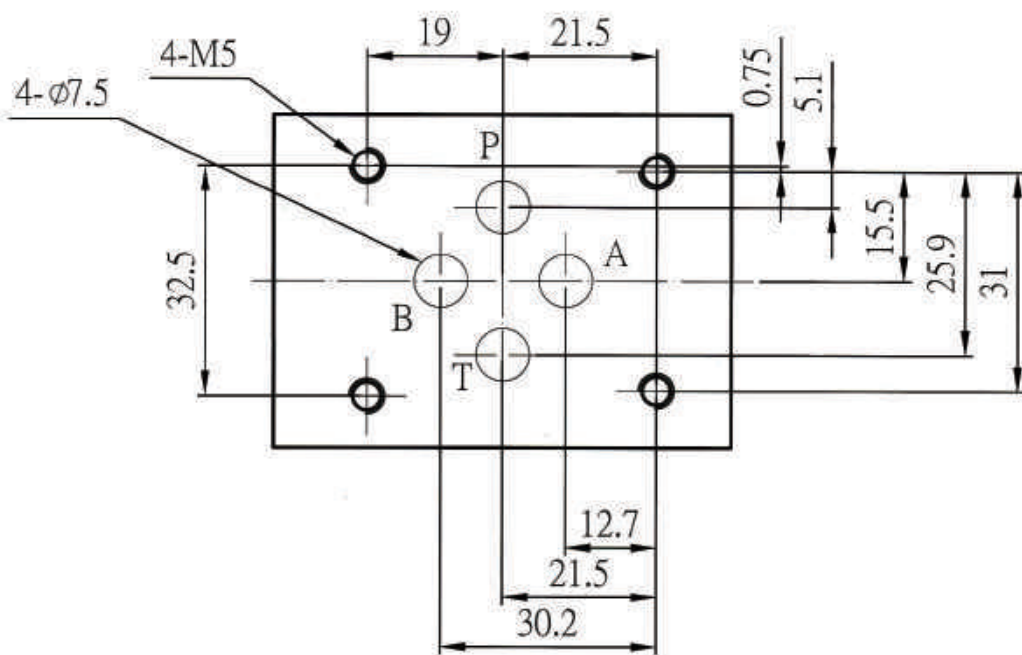
1. 無彈簧複歸型以水準安裝為佳。
 2. 安裝面請保持3.2z的表面粗度以下。
 3. F型電磁管與新B、E行不建議互換。
 4. 軸心尺寸不同，不可互換。
1. Springless type valve should be installed horizontally.
 2. Installation surface and valve surface should be keep under 3.2z surface roughness.
 3. F-type tube are not interchangeable with the new B,E-type.
 4. If the spool's sizes are different, that can not interchangeable.

附件 Accessories

1. G02：閥本體固定內六角螺絲M5x45x4支。
2. DL型線圈接頭皆附保護蓋。
3. 閥本體附上保護底板。

1. G02：Screw of main body M5x45L.....4pcs.
2. DL-type coil socket with protective cover.
3. Main body with sub plate.

外觀尺寸圖及產品結構圖 View&Component



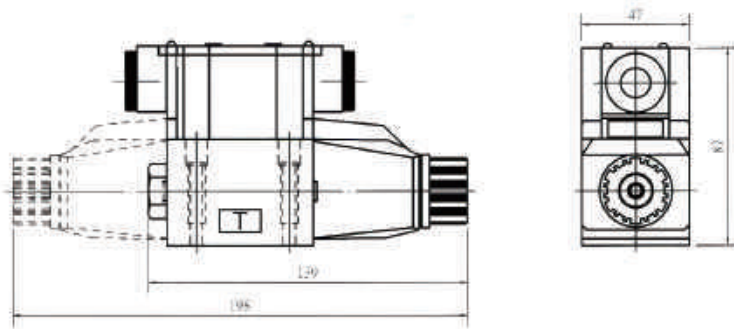
高效率低電流值電磁方向閥

YEOSHE

外觀尺寸圖 (CAD) Notice

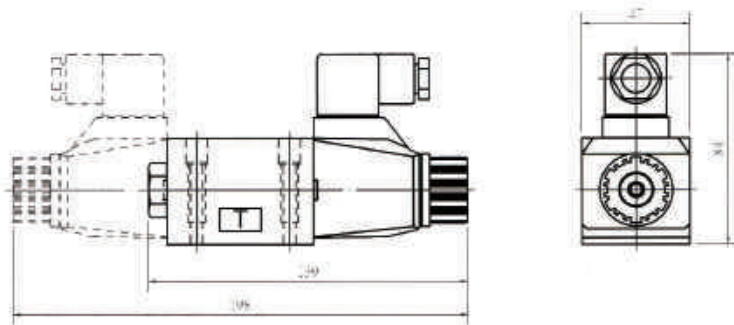
02LW-AC

LW-AC-單頭：重量(Weight) 1.4 kg
LW-AC-雙頭：重量(Weight) 1.8 kg



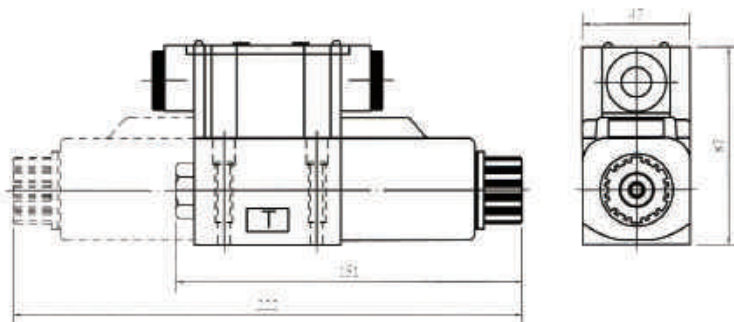
02DL-AC

DL-AC-單頭：重量(Weight) 1.3 kg
DL-AC-雙頭：重量(Weight) 1.7 kg



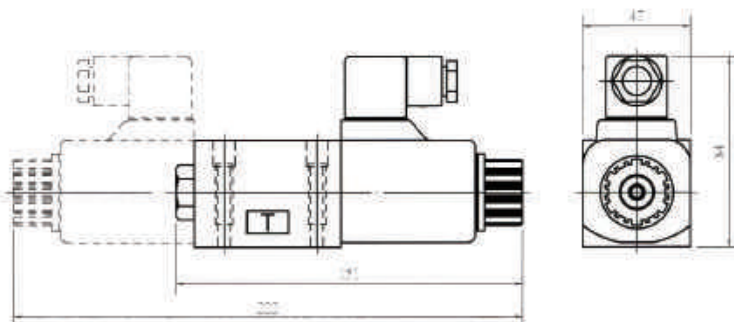
02LW-DC

LW-DC-單頭：重量(Weight) 1.5 kg
LW-DC-雙頭：重量(Weight) 2.0 kg



02DL-DC

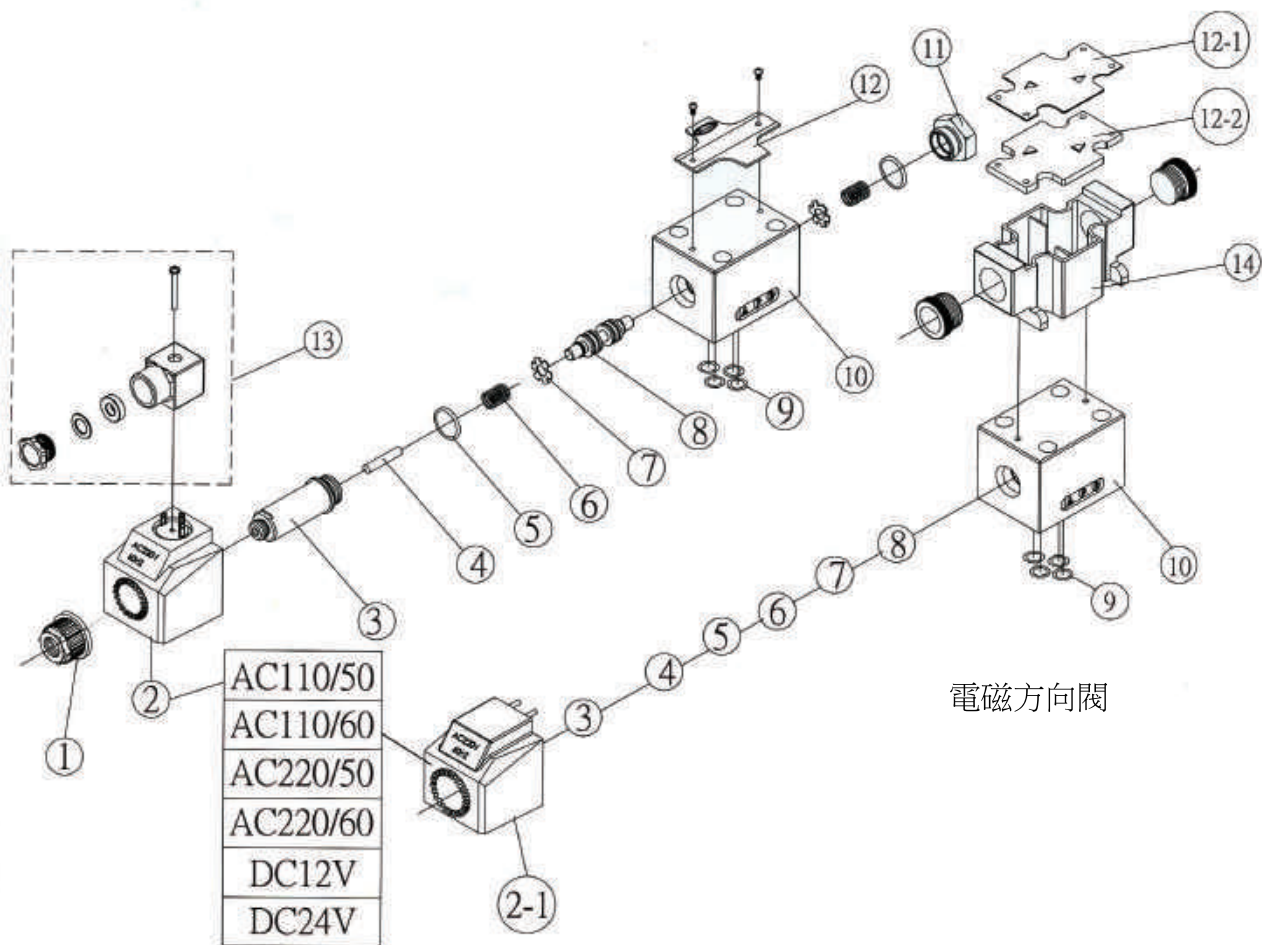
DL-DC-單頭：重量(Weight) 1.4 kg
DL-DC-雙頭：重量(Weight) 2.0 kg



高效率低電流值電磁方向閥



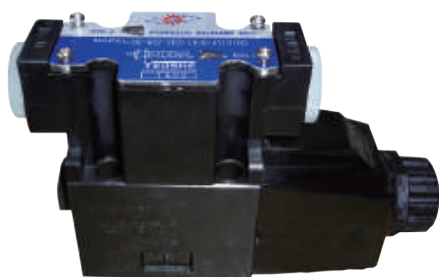
產品結構圖 (CAD)



電磁方向閥

- | | | | |
|-------------|---------------|--------------|------------------------|
| 1. 塑膠螺帽 | Screw Nut | 9. 本體P-9 O型環 | Body P-9 O-ring |
| 2. DL線圈 | DL Coil | 10. 閥體 | Main Body |
| 2-1 LW線圈 | LW Coil | 11. 本體螺帽 | Body Screw Nut |
| 3. 電磁管 | Tube | 12. DL銘板 | DL Nameplate |
| 4. 撞擊桿 | Hitting Staff | 12-1 LW銘板 | LW Nameplate |
| 5. P-15 O型環 | P-15 O-ring | 12-2 透明上蓋 | Transparent Panel |
| 6. 彈簧 | Spring | 13. DIN接頭指示燈 | Plug-in pilot light |
| 7. 彈簧座 | Spring Set | 14. BOX接線盒 | Terminal box connector |
| 8. 軸心 | Spool | | |

高效率低電流值電磁方向閥

YEOSHE

HD-***-G03-DL-**-AC(單頭)



HD-***-G03-LW-**-DC(雙頭)

B型系列，E型系列電磁閥之優點 B-type,E-type Valve Feature

1. 本體采雙回油溝設計，將各油溝加大，使其通往流量增加並提升高使用壓力。
 2. 新加裝防及襯墊能使本體承受更高的壓力，讓本體不易變形。
 3. 採用最新型的電磁線圈與電磁管組合，電磁閥在運作過程中之線圈能有效降低溫升，以符合使用者的需求。
 4. 線圈採用最新型特殊設計，能有效達到低耗能、高效率並且降低電流值，能提供與F型的電磁閥相同的大出力與使用壓力。
 5. 產品特性與外觀尺寸與F型電磁閥皆相同，能可與F型電磁閥皆可替換性。
 6. 新B型電磁閥各項產品特性及資料，皆優於F型電磁閥，固可完整取代F型。
 7. 本公司以新B型電磁閥提論，不僅讓貴公司水準提升，產品品質及競爭力優質首選。
-
1. Dual line tank design reduces the pressure drop resulting in better flow characteristics.
 2. The installation of anti-shock gasket enables the main body to withstand higher pressure and the main body will not deformation easily.
 3. New type of magnetic coil and tube combination,enable the solenoid valve can lower the temperature effectively during operation.
 4. New special design type of coil can lower current and temperature effectively,even energy-saving. Can reach the high flow and pressure as the same as F-type.
 5. The valve's feature and dimension are as the same as F-type and totally interchangeable with F-type solenoid valves.
 6. New B-type solenoid valve will totally interchangeable with F-type solenoid valve in the future.
 7. The new B-type solenoid valve will improve your product quality and increase the company's competitiveness.

高效率低電流值電磁方向閥



參數 Specification		型號 Model	AC				DC		RF	
		HD-G03				HD-G03		HD-G03		
使用電壓(V) Voltage(V)		110		220		12	24	110	220	
		50	60	50	60					
保持電流(A) Holding Current(A)	新B型 New B-type	0.62	0.69	0.27	0.33	2.03	1.48	0.54	0.27	
	舊F型 Older F-type	0.72	0.83	0.32	0.41	3.80	1.90			
啟動電流(A) Start Current(A)	新B型 New B-type	3.41	4.14	1.58	1.95					
	舊F型 Older F-type	2.42	4.55	1.75	2.51					
防護等級 Protection Class		IP65								
線圈使用銅線等級 Insulation Class		PEWH級 PEWH class								
線圈耐溫程度 Maxlimum Tolerable Temperature		180℃								

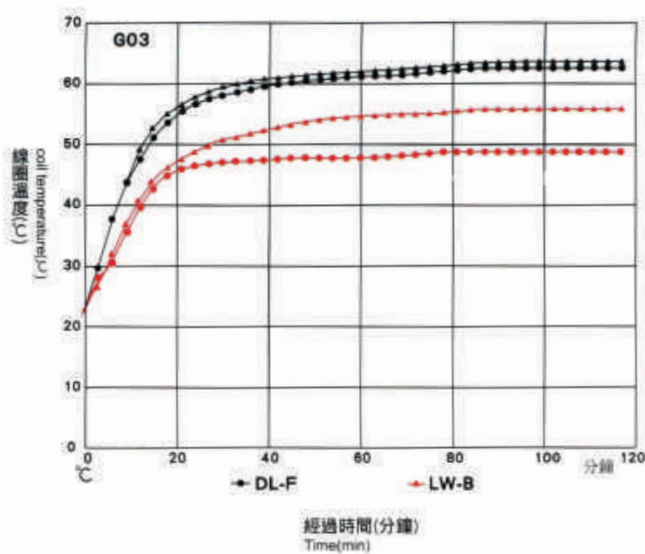
附註：

- 1.使用電壓有 $\pm 10\%$ 的操作範圍。
- 2.本公司線圈備有其他電壓提供。

Notes：

- 1.Within $\pm 10\%$ application of rated voltage.
- 2.If you have special voltage requirements, please contact with us.

新B型VS.F型電磁線圈溫升表現 New B type VS.Old F type temperature rise performance



1. 線圈溫度測試時之操作壓力為100gf/cm²。
2. 此線圈溫度側是在實驗室恒溫22°C。
3. 以AC220V型線圈為例。

1. The operational pressure in the test of the coil temperature is 100kgf/cm²
2. The coil temperature test at a constant temperature of 22 degrees in the laboratory.
3. AC220V coil type,example.

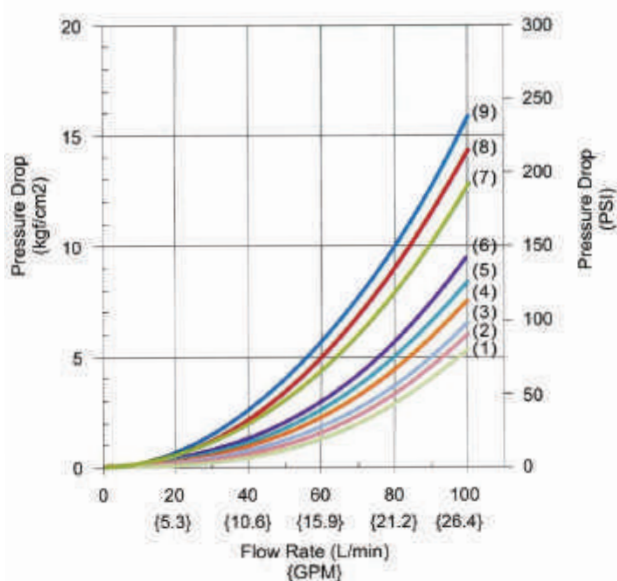
型號說明 Description of Model

HD - 3C2 - G03 - LW - B - S - A

HD	-	3C2	-	G03	-	LW
HD		***		G03		LW/DL
方向切換閥 Direction conversion valve		軸心回路種類 Spool Type		閥體口徑尺寸 Valve size		接現形式代號 Wiring Connection type
油浸式電磁方向閥 Flow oil Dipping Solenoid Directional control valve (plug-in board type)		請參閱軸心表 Refer to The List Of Spool Function		G03 3/8" (D05)(NG10)		LW : 接線盒形式 Box type DL : 插頭式 Din type

B	-	S	-	A
*		*		*
設計代號 Design No.		切換頻率代號 Conversion Frequency		手動切換定位調整型 Adjustment Type
B : 高效率低電流 電磁方向閥 High efficiency and Low current Solenoid Directional control valve	E : 大流量 電磁方向閥 Standard High Flow Wet Pin design valve	無 : 標準型 No Mark : Standard type	S : 無衝擊型 S : Soft sift type	RF : 交直流轉換型 RF : Rectified coil type
				A : A邊定位型 A : A Port Adjustment type
				B : B邊定位型 B : B Port Adjustment type
				AB : AB邊定位型 AB : A&B Port Adjustment type

高效率低電流值電磁方向閥

壓力曲線表 Pressure drop curve(measured at $v=38\text{mm}^2/\text{s}$ and temp. $=50^\circ\text{C}$)

Model Numbers	Pressure Drop Curve Number				
	P→A	B→T	P→B	A→T	P→T
HD-2B2-G03	(8)	(9)	(3)	(3)	-
HD-2B3-G03	(7)	(8)	(1)	(1)	-
HD-2B8-G03	(4)	-	(5)	-	-
HD-3C2-G03	(3)	(3)	(3)	(3)	-
HD-3C3-G03	(1)	(1)	(1)	(1)	(5)
HD-3C4-G03	(3)	(2)	(3)	(2)	-
HD-3C40-G03	(3)	(3)	(3)	(3)	-
HD-3C60-G03	(4)	(5)	(4)	(5)	(9)
HD-3C9-G03	(1)	(3)	(1)	(3)	-
HD-3C10-G03	(3)	(2)	(3)	(3)	-
HD-3C11-G03	(1)	(3)	(3)	(3)	-
HD-3C12-G03	(3)	(3)	(3)	(2)	-
HD-2D2-G03	(6)	(7)	(4)	(4)	-

產品特性表 Description of feature

閥尺寸 Model	HD-G03					
參數 Specification	最高使用壓力 (kgf/cm ²) Max. Pressure	容許背壓 (kgf/cm ²) Allowable Back pressure	最大流量 (L/min) Max flow	切換頻率(回/分) Conversion frequency (Cycle/min)	液壓油 溫度範圍 (°C) Hydraulic oil temperature range	液壓油 黏度範圍 (cst) Hydraulic oil viscosity range
	315	70~160	100	AC、DC型：240 RC型：120 RS型：120 AC、DC type：240 RC type：120 RD type：120	-15~+70	10~400 (ISO VG46、68)

附註：
最大流量、最大壓力、容許背壓隨回路而異。

Notes：

Max.flow,max.pressure&allowable back pressure will be varied to different circuits.

高效率低電流值電磁方向閥

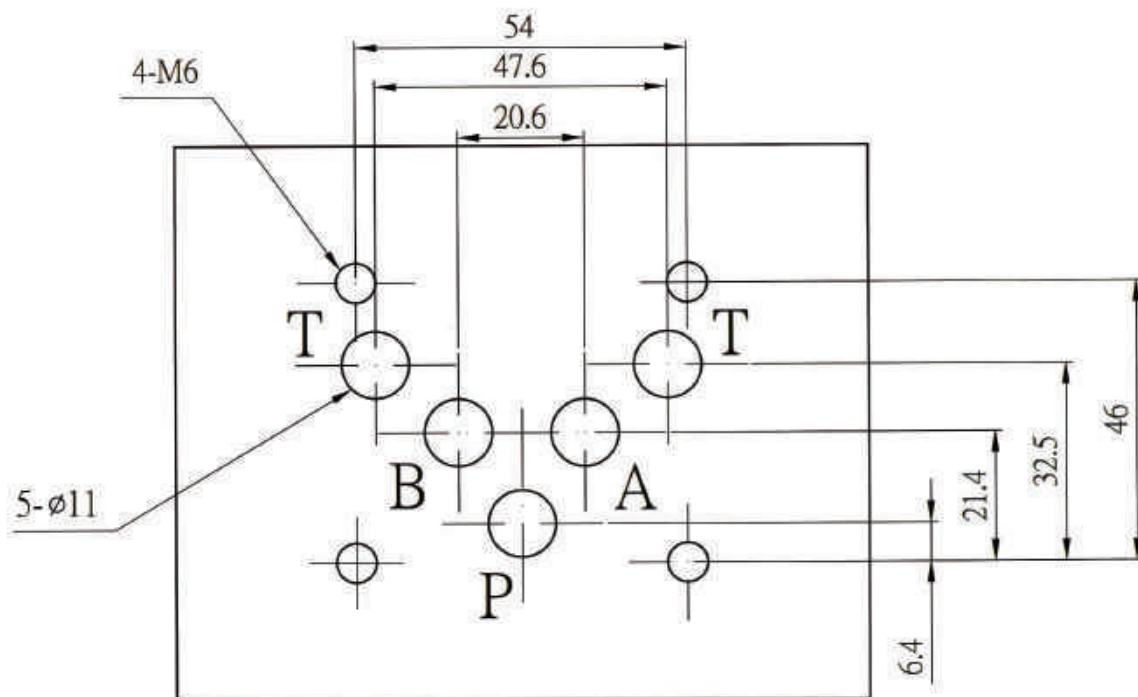
注意事項 Notice

1. 無彈簧複歸型以水準安裝為佳。
 2. 安裝面請保持3.2z的表面粗度以下。
 3. F型電磁管與新B、E行不建議互換。
 4. 軸心尺寸不同，不可互換。
1. Springless type valve should be installed horizontally.
 2. Installation surface and valve surface should be keep under 3.2z surface roughness.
 3. F-type tube are not interchangeable with the new B,E-type.
 4. If the spool's sizes are different, that can not interchangeable.

附件 Accessories

1. G03：閥本體固定內六角螺絲M6x35x4支。
 2. DL型線圈接頭皆附保護蓋。
 3. 閥本體附上保護底板。
1. G03：Screw of main body M6x35L.....4pcs.
 2. DL-type coil socket with protective cover.
 3. Main body with sub plate.

外觀尺寸圖及產品結構圖 View&Component

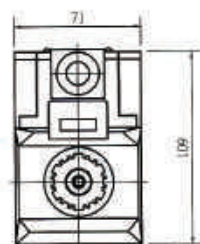
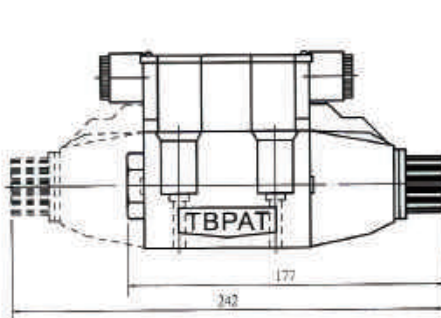


高效率低電流值電磁方向閥

外觀尺寸圖 (CAD) Notice

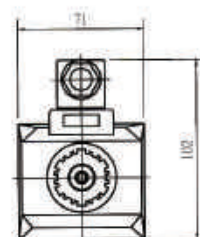
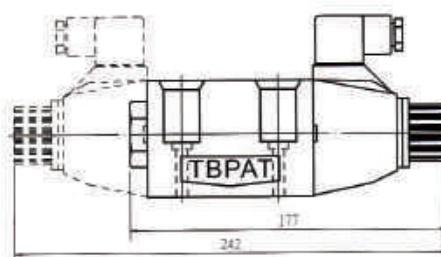
03LW-AC

LW-AC-單頭：重量(Weight) 3.6 kg
LW-AC-雙頭：重量(Weight) 4.4 kg



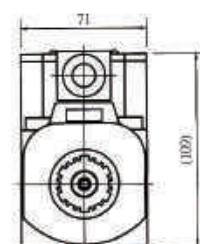
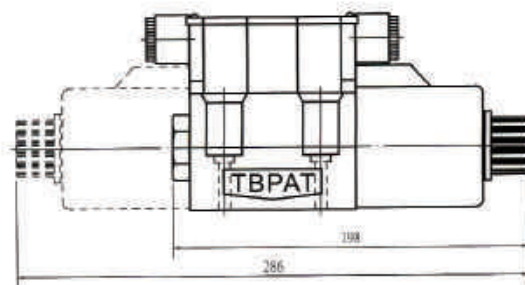
03DL-AC

DL-AC-單頭：重量(Weight) 3.4 kg
DL-AC-雙頭：重量(Weight) 4.3 kg



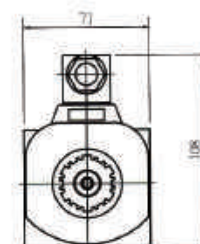
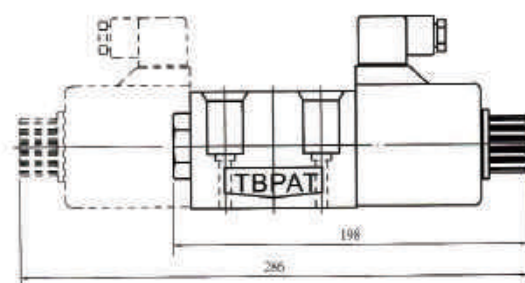
03LW-DC

LW-DC-單頭：重量(Weight) 4.0 kg
LW-DC-雙頭：重量(Weight) 5.4 kg



03DL-DC

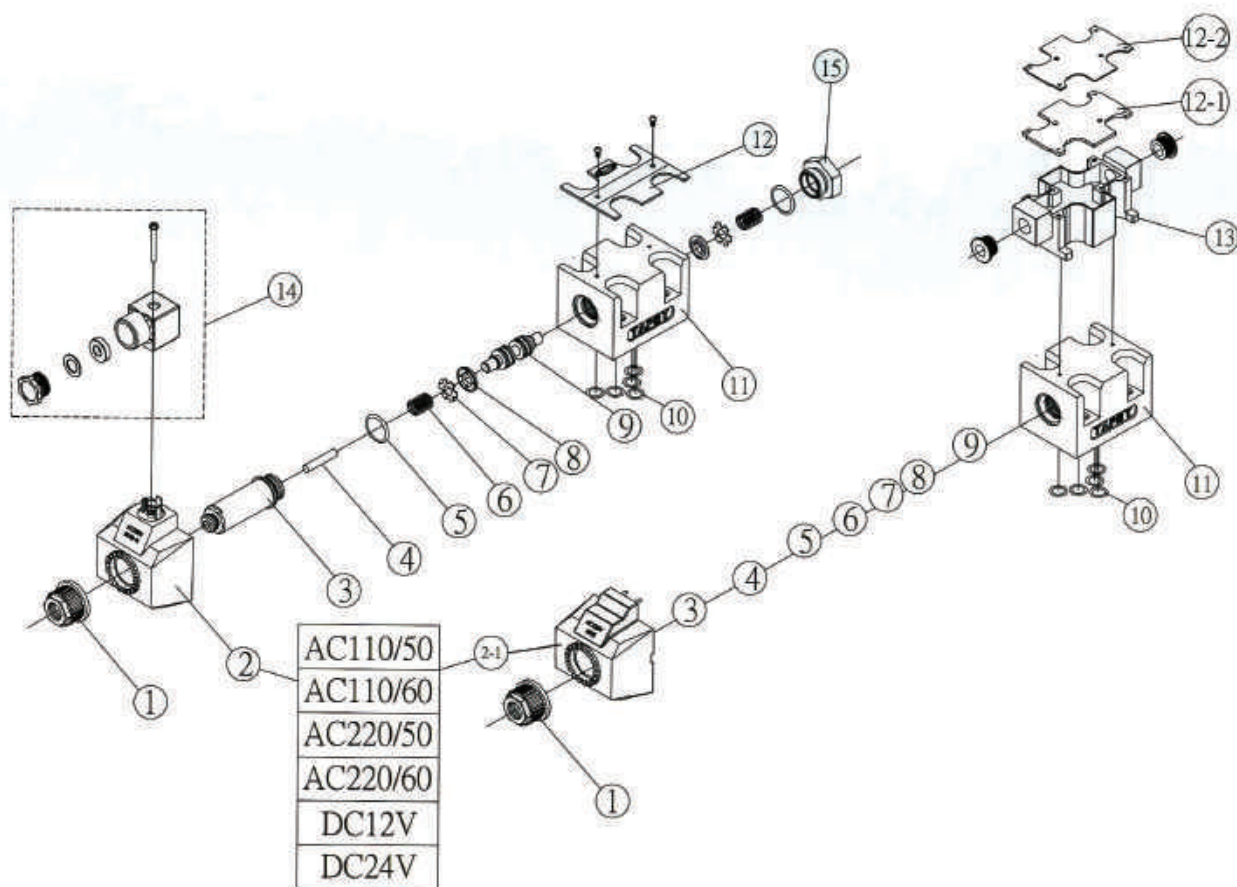
DL-DC-單頭：重量(Weight) 4.1 kg
DL-DC-雙頭：重量(Weight) 5.2 kg



高效率低電流值電磁方向閥

YEOSHE

產品結構圖 (CAD)



- | | |
|--------------|---------------|
| 1. 塑膠螺帽 | Screw Nut |
| 2. DL線圈 | DL Coil |
| 2-1 LW線圈 | LW Coil |
| 3. 電磁管 | Tube |
| 4. 撞擊桿 | Hitting Staff |
| 5. N-119 O型環 | N-119 O-ring |
| 6. 彈簧 | Spring |
| 7. 彈簧座 | Spring Set |
| 8. 防衝擊襯墊 | Body Washer |

- | | |
|----------------|------------------------|
| 9. 軸心 | Spool |
| 10. 本體P-12 O型環 | Body P-12 O-ring |
| 11. 閥體 | Main Body |
| 12. DL銘板 | DL Nameplate |
| 12-1 透明上蓋 | Transparent Panel |
| 12-2 LW銘板 | LW Nameplate |
| 13. BOX接線盒 | Plug-in pilot light |
| 14. DIN接頭指示燈 | Terminal box connector |
| 15. 本體螺帽 | Body Screw Nut |

G02、G03各種軸心功能明細表



G02、G03各種軸心功能明細表 LIST OF SPOOL FUNCTIONS FOR G02、03

彈簧軸心 3位置 Spring off set 3 Position	圖形符號 Graphic Symbols 標準組立 Standard
3C2	
3C3	
3C4	
3C40	
3C5	
3C60	
3C7	
3C8	
3C9	
3C10	
3C11	
3C12	
3C25	
3C29	
3C48	
3C62	
3C64	
3C67	
3C89	

彈簧軸心 3位置 Spring off set 3 Position	圖形符號 Graphic Symbols 標準組立 Standard
3C94	
3C94B	
彈簧軸心 2位置 Spring off set 2 Position	圖形符號 Graphic Symbols 標準組立 Standard
2A2	
2A3	
2A14	
2A2L	
2A3L	
2A14L	
2B2	
2B2L	
2B3	
2B3L	
2B8	
2B8L	
2B27	
2B28	
2B29	
2B29L	

彈簧軸心 2位置 Spring off set 2 Position	圖形符號 Graphic Symbols 標準組立 Standard
2D2	
2D3	
2D4	
2D40	
2D7	
2D2A	
2D3A	
2D4A	
2D40A	
2D5A	
2D6A	
2D60A	
2D7A	
2D9A	
2D10A	
2D11A	
2D12A	

G02、G03各種軸心功能明細表

G02、G03各種軸心功能明細表 LIST OF SPOOL FUNCTIONS FOR G02、G03

彈簧軸心 2位置 Spring off set 2 Position	圖形符號 Graphic Symbols	
	標準組立 Standard	反向組立 Standard
2B2A		
2B3A		
2B4A		
2B40A		
2B5A		
2B6A		
2B60A		
2B7A		
2B8A		
2B9A		
2B10A		
2B11A		
2B12A		
2B25A		
2B29A		
2B48A		

彈簧軸心 2位置 Spring off set 2 Position	圖形符號 Graphic Symbols	
	標準組立 Standard	反向組立 Standard
2B2B		
2B3B		
2B4B		
2B40B		
2B5B		
2B6B		
2B60B		
2B7B		
2B8B		
2B9B		
2B10B		
2B11B		
2B12B		
2B25B		
2B29B		
2B48B		

無衝擊型電磁方向閥



型號說明 Description of Model

HD - 3C2 - G03 - LW - B - RF - A

HD	-	3C2	-	G03	-	LW
HD		***		G03		LW/DL
方向切換閥 Direction conversion valve		軸心回路種類 Spool Type		閥體口徑尺寸 Valve size		接現形式代號 Wiring Connection type
油浸式電磁方向閥 Flow oil Dipping Solenoid Directional control valve (plug-in board type)		請參閱軸心表 Refer to The List Of Spool Function		G03 3/8" (D05)(NG10)		LW : 接線盒形式 Box type DL : 插頭式 Din type

B	-	RF	-	A
*		*		*
設計代號 Design No.		切換頻率代號 Conversion Frequency		手動切換定位調整型 Adjustment Type
B : 高效率低電流 電磁方向閥 High efficiency and Low current Solenoid Directional control valve	E : 大流量 電磁方向閥 Standard High Flow Wet Pin design valve	RF : 交直流轉換型 RF : Rectified coil type	A : A邊定位型 A : A Port Adjustment type	B : B邊定位型 B : B Port Adjustment type AB : AB邊定位型 AB : A&B Port Adjustment type

產品特色 Feature

1. 采流量控制及機械式雙阻尼特殊設計。
2. 減少衝擊減少震動，使機器操作時更加平順。
3. 線圈加裝保護電路，提高使用壽命。
4. 線圈及RF指示燈接線盒采分離式設計，可獨立更換。

1. The special design of the dual flow control and mechanical damping.
2. Reducing shock and vibration to mark machine running smoothy.
3. The coil with protection circuit to improve life time.
4. Coil and RF connector with pilot light are separate design,can be replaced individually.

注意事項 Notice

1. 無衝擊型僅提供於DC、RF型線圈。
2. AC電壓無提供此型號。
3. 無衝擊型之電磁管不可與一般型互換。
4. RFN型線圈需搭配RF專用電器接頭，否則無整流效果，且有啟動不良及線圈燒毀之現象。

1. The soft shift only applies to DC,RF type coil.
2. In this type without AC voltage.
3. The soft shift type's coil and tube can't interchange with the general type.
4. RFN coil need RF dedicated connector. Otherwise, would has a poor rectify efficiency,a poor start function and coil burnt.

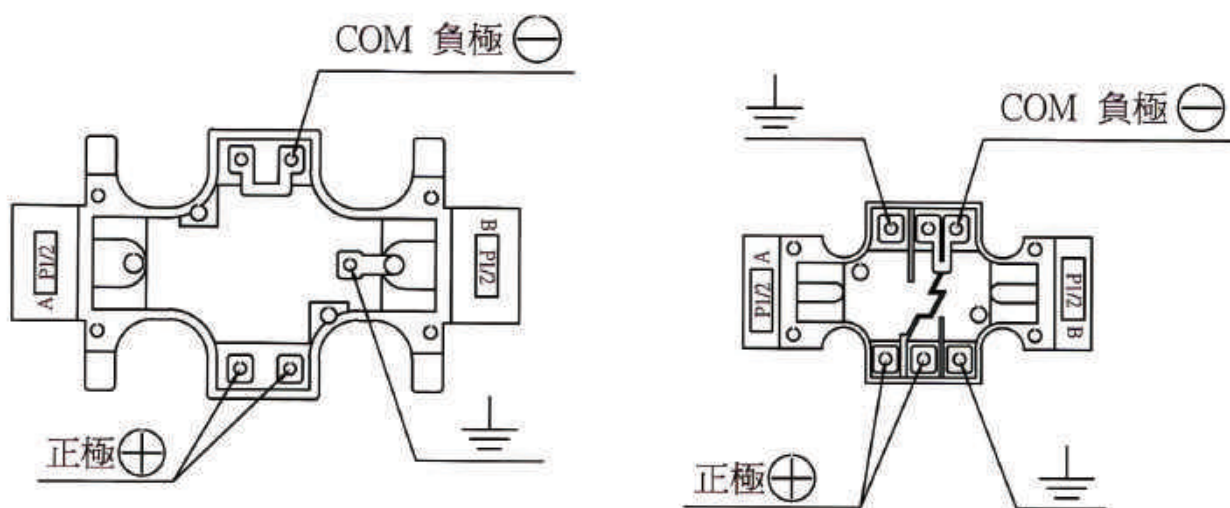
接線盒及指示燈使用說明

盒式 (BOX) 接線盒 Terminal Box connector

1. 如為雙動閥，本接線盒內之共線COM均以並聯免除再自行共線，簡單容易使用。
2. 接線盒同時具有LED指示燈，且PC板與指示燈均採插入式設計，方便更換。
3. 電壓DC12V-DC100V
電壓AC24V-AC380V
4. 接線盒備有RF型，電壓RF110V、RF220V。

1. As Dual coil solenoid valve, its contact COM are connected in parallel to avoid additional wiring, it is simple easy to use.
2. Connector with LED pilot lights and the PC board with lights plug-in design. If the lights burned out ,the replacement is easy and simple.
3. Voltage DC12V-DC100V ; AC24V-AC380V
4. The connectors with RF type : Voltage RF 110V , RF220V.

盒式 (BOX) 接線盒配置圖

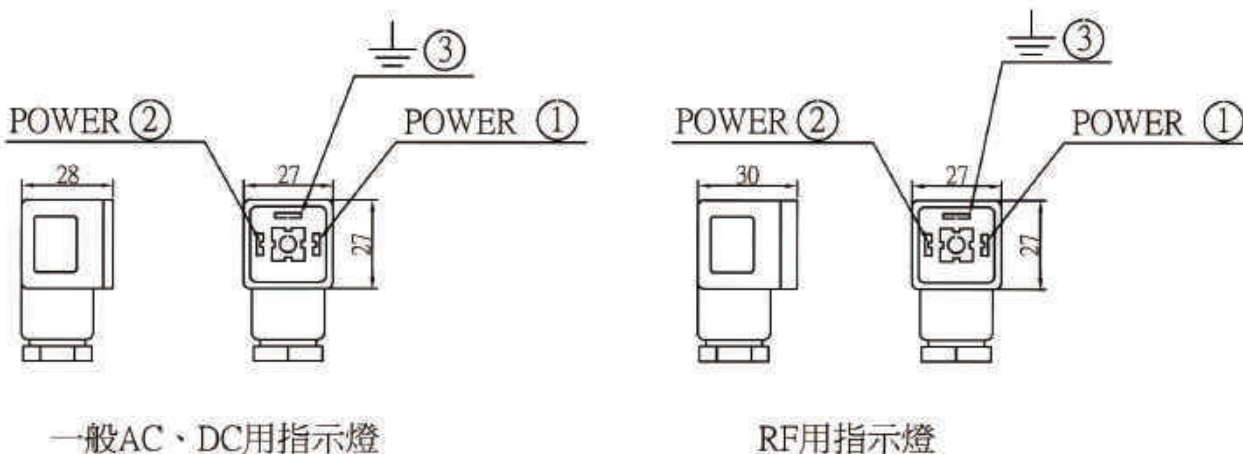


接線盒及指示燈使用說明

插头式 (DIN) 接線盒 Plug-in connector

1. 本插頭是根據DIN43650規格，並且達到IP65的保護等級。IP65的意義是完全的保護能力，如灰塵及低壓水柱。雖然線圈各方面均防水但不能直接安裝于水中或保持在水面下，或有爆炸危險、潮濕、腐蝕劑、發黴等工作環境。
 2. 接線盒為透明外殼同時具有LED指示燈。
 3. 電壓DC12V-DC100V
電壓AC24V-AC380V
1. The connector is base on DIN43650 specifications and achieving IP65 protection IP65 means complete protection, such as dust and lower-pressure water column. Although the coil is waterproof but can not be installed in the water or kept below the water surface,even explosion hazard,wet,corrosive,moldy working environment.
 2. The connector is transparent with LED pilot lights.
 3. Voltage DC12V-DC100V ; AC24V-AC380V

頭式 (DIN) 接線盒指示燈配線圖

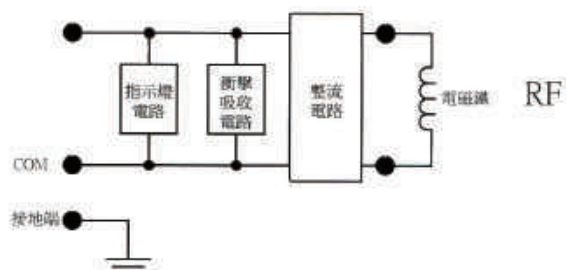
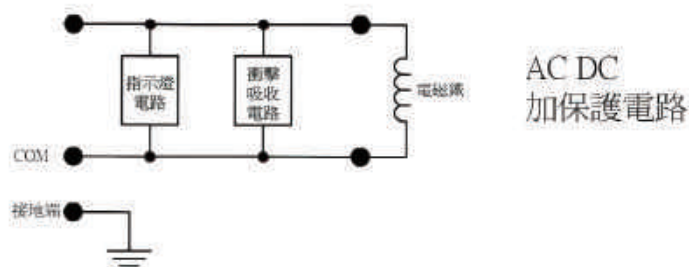
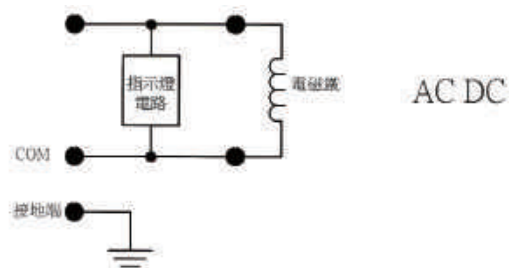


接线盒及指示灯使用说明

RF型插頭式 (DIN) 接線盒 RF Type Plug-in connector

1. 本插頭是根據DIN43650規格，並且達到IP65的保護等級。IP65的意義是完全的保護能力，如灰塵及低壓水柱。雖然線圈各方面均防水但不能直接安裝于水中或保持在水面下，或有爆炸危險、潮濕、腐蝕劑、發黴等工作環境。
 2. 接線盒為透明外殼同時具有LED指示燈。
 3. 電壓RF110V、RF220V。
 4. 本接線盒內含整流與保護電路。
 5. 本接線盒符合ROHS規範。
1. The connector is base on DIN43650 specifications and achieving IP65 protection IP65 means complete protection, such as dust and lower-pressure water column. Although the coil is waterproof but can not be installed in the water or kept below the water surface,even explosion hazard,wet,corrosive,moldy working environment.
 2. The connector is transparent with LED pilot lights.
 3. Voltage RF110V,RF220V
 4. The connector containing rectifier and protection circuit.
 5. The connectors are conform to standard ROHS.

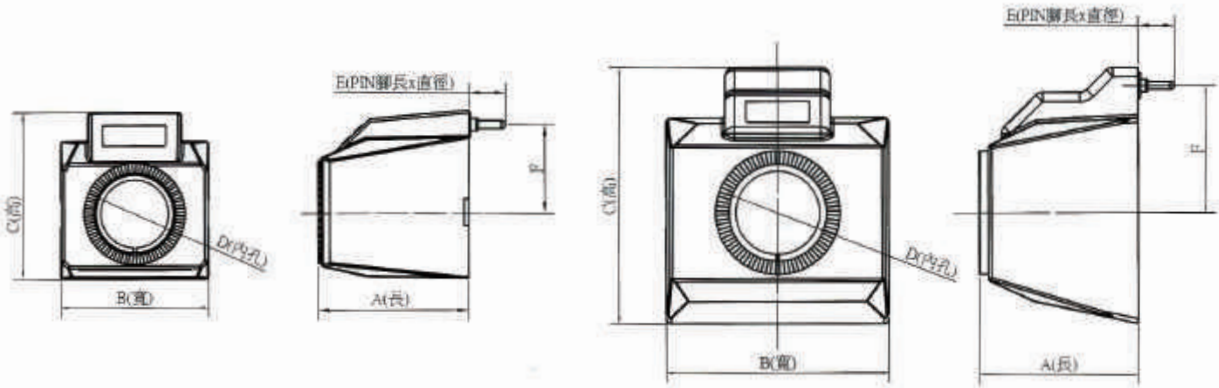
配電圖、配線圖 Power Distribution and Wiring Diagram



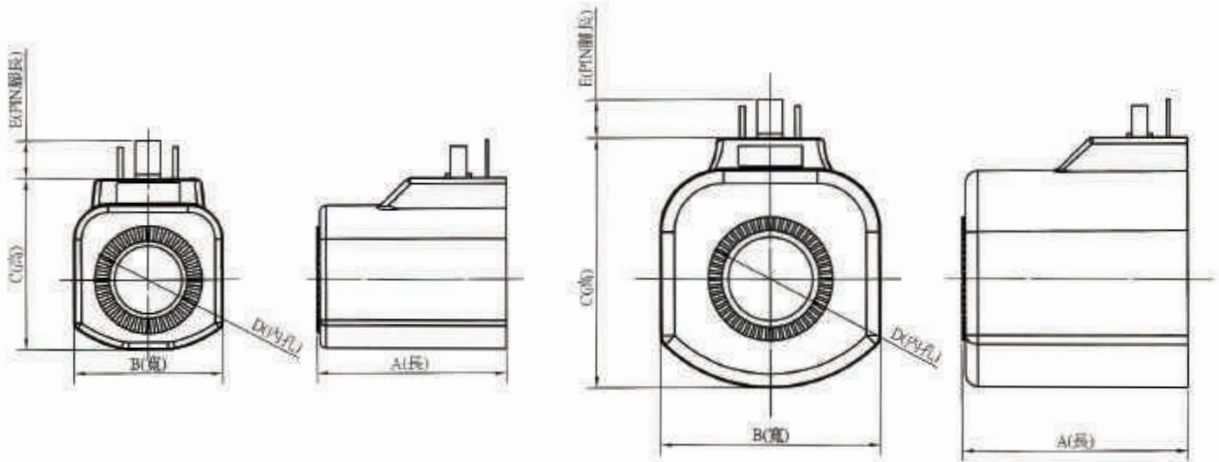
接線盒及指示燈使用說明



線圈 外觀尺寸圖 Terminal Box contactor

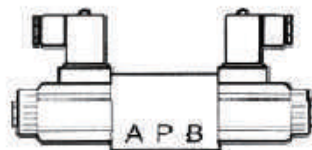


	A(長)	B(寬)	C(高)	D(內孔)	E(PIN腳長x直徑)	F
G02AC- LW	47.2	46.8	53.15	21.3	11.5x2.5	28
G02DC- LW	59.3	47	54	21.3	11.5x2.5	28
G03AC- LW	50	69.8	81	26.3	11.5x2.5	40.15
G03DC- LW	71	69	80.52	26.3	11.5x2.5	40.15



	A(長)	B(寬)	C(高)	D(內孔)	E(PIN腳長)
G02AC- DL	47.5	46.8	52.5	21.3	12.5
G02DC- DL	59.3	47	54	21.3	12.5
G03AC- DL	50	69.8	73	26.3	12.5
G03DC- DL	71	69	79	26.3	12.5

電磁換向閥



商品特性 Product Description

- 採用插入式電磁閥可使於失效線圈之更換。
- 具低噪音及緩衝功能。
- 耐壓測試可達1500V/min以上，絕緣電阻100MΩ
- Had been test under High voltage 1500 V/min.
- High tolerance to contaminants and stable operation.
- Less power consumption and heat generation.

訂購編號 Order No.

E

22

Solenoid Valve-DSG Series

DSG	02	3C2	A110	N1
①	②	③	④	

系列 Series
DSG : DSG series

接口 Interface
02: NG 6
03: NG 10

閥芯 Spool
** Please check next page

線圈類型 Coil Type
A110 : AC110V 50hz
A110 : AC110V 60hz
A220 : AC220V 50hz
A220 : AC220V 60hz
DC12 : DC12
DC24 : DC24

連接器 Connector
N1:with plug and Indicator light 指示燈式
-:non wire connetion 接線盒式

規格表 Specifications

Max. Pressure	31.5 Mpa	Viscosity Range	20~300 cSt
Max.Shift Frequency	240 Cycles/min	Filtration	25 μ
Displacement	60 l/min	Screw bolt	M5x45 x4 pcs 3/16"x 1-3/4 x4 pcs
Temperature	5°C ~ 60°C (40°F ~ 140°F)	Weight	2.0kg (AC) 2.2kg (DC)

電磁換向閥



閥芯 Spool Information

Current (AC/DC)		AC				DC	
Frequency (HZ)		50	60	50	60	-	-
Voltage (V)		110	110	220	220	12	24
Interface 02	Inrush Amps	2.6	2.6	2.0	2.0	-	-
	Holding Amps	0.8	0.8	0.4	0.4	3.6	1.8
Interface 03	Inrush Amps	2.6	2.6	2.0	2.2	-	-
	Holding Amps	0.8	0.9	0.4	0.45	3.9	1.9

Double Coil, Three Position with Spring				Double Coil, Two Position with Spring			
3C2		3C9		2D2		2D2A	
3C3		3C10		2D3		2D3A	
3C4		3C11		2D7		2D4A	
3C40		3C12		2D8		2D40A	
3C5		3C25				2D5A	
3C60		3C29				2D6A	
3C7		3C48				2D60A	
3C8		3C94				2D7A	
						2D9A	
						2D10A	
						2D11A	
						2D12A	

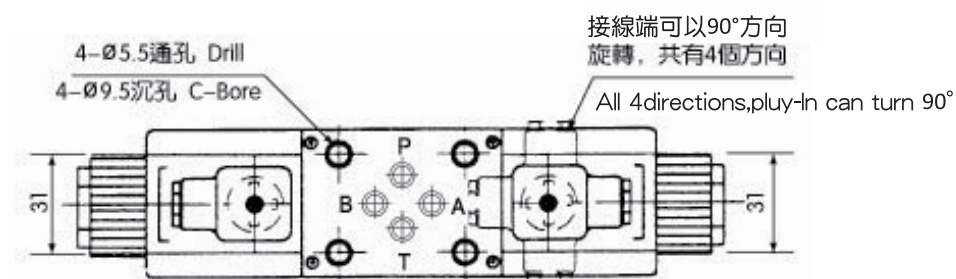
閥芯 Spool Information

Current (AC/DC)		AC				DC	
Frequency (HZ)		50	60	50	60	-	-
Voltage (V)		110	110	220	220	12	24
Interface 02	Inrush Amps	2.6	2.6	2.0	2.0	-	-
	Holding Amps	0.8	0.8	0.4	0.4	3.6	1.8
Interface 03	Inrush Amps	2.6	2.8	2.0	2.2	-	-
	Holding Amps	0.8	0.9	0.4	0.45	3.9	1.9

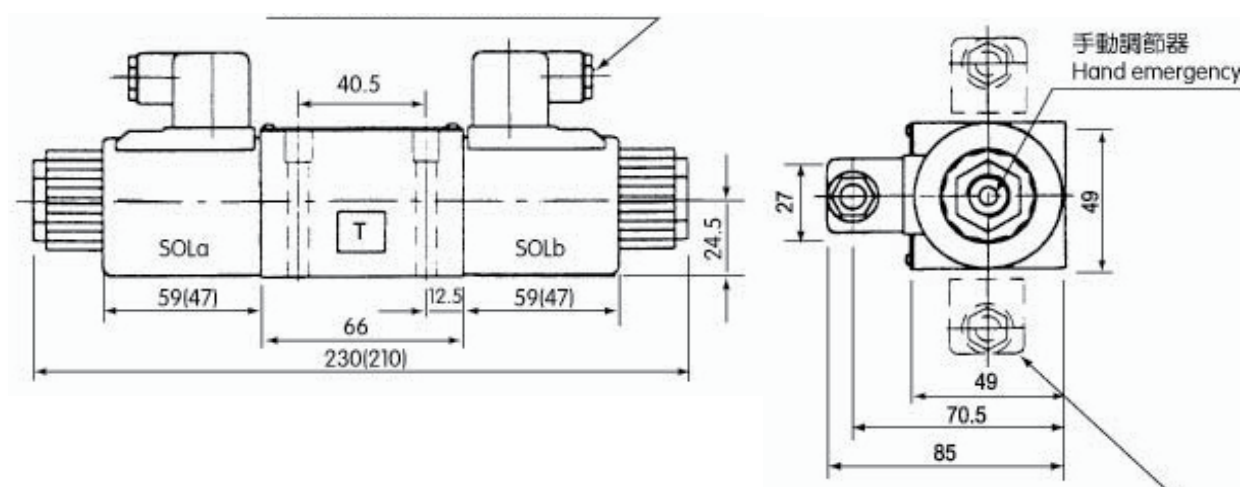
Single Coil,Two Position with Spring Return (Standard)		Single Coil,Two Position with Spring Return		Single Coil,Two Position with Spring Return (Standard)		Single Coil,Two Position with Spring Return		Single Coil,Two Position with Spring Return (Standard)	
2B2A		2B2AL		2B2B		2B2BL		2B2	
2B3A		2B3AL		2B3B		2B3BL		2B3	
2B4A		2B4AL		2B4B		2B4BL		2B8	
2B40A		2B40AL		2B40B		2B40BL		2B29	
2B5A		2B5AL		2B5B		2B5BL		Single Coil,Two Position with Spring Return	
2B6A		2B6AL		2B6B		2B6BL		2B2L	
2B60A		2B60AL		2B60B		2B60BL		2B3L	
2B7A		2B7AL		2B7B		2B7BL		2B8L	
2B8A		2B8AL		2B8B		2B8BL		2B29L	
2B9A		2B9AL		2B9B		2B9BL			
2B10A		2B10AL		2B10B		2B10BL			
2B11A		2B11AL		2B11B		2B11BL			
2B12A		2B12AL		2B12B		2B12BL			
2B25A		2B25AL		2B25B		2B25BL			
2B29A		2B29AL		2B29B		2B29BL			
2B48A		2B48AL		2B48B		2B48BL			

電磁換向閥-指示燈式

尺寸圖 Dimension

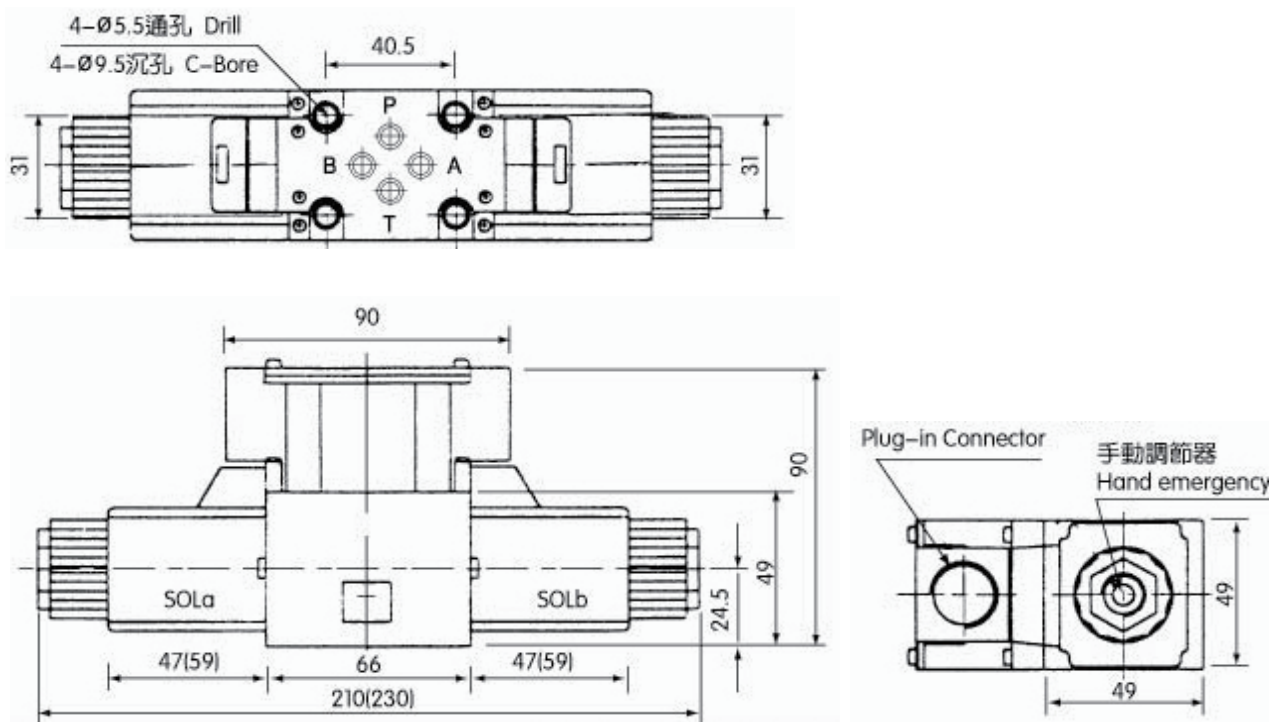


Plug-in Connector



電磁換向閥-接線盒式

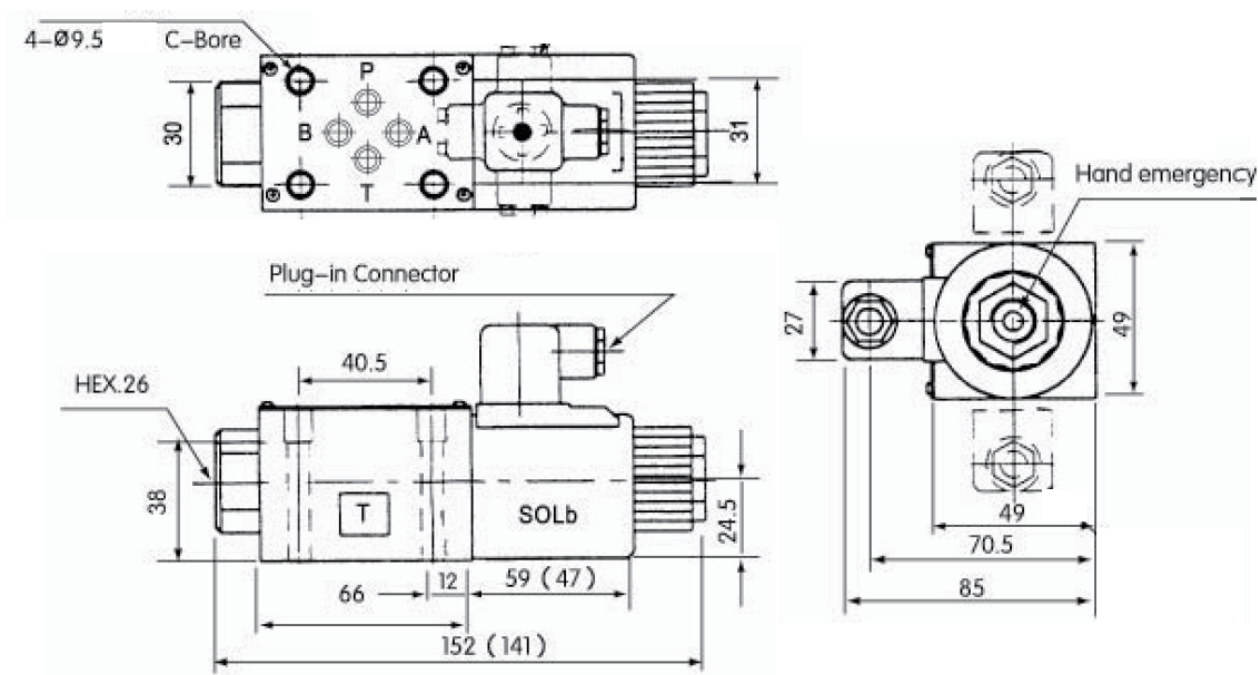
尺寸圖 Dimension



電磁換向閥

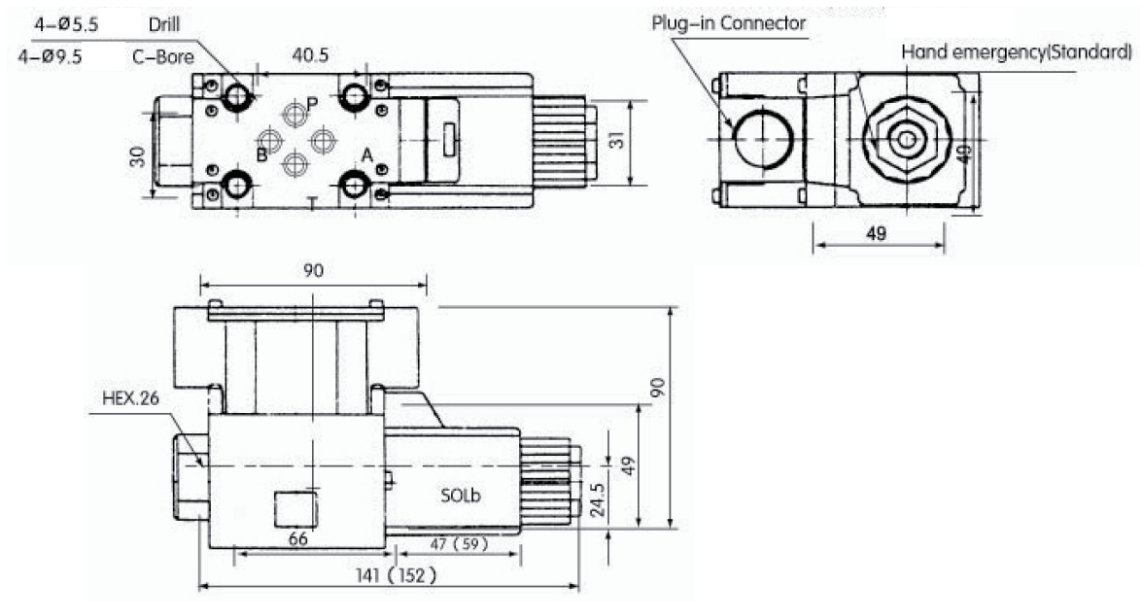


尺寸圖 Dimension



電磁換向閥

尺寸圖 Dimension





YEOSHE HYDRAULICS CO., LTD.
YEOSHE BEST CHOICE

Innovative Technology
Efficient Performance
Reliable Quality and Service

油昇油壓股份有限公司
YEOSHE HYDRAULICS CO., LTD.

413 台灣台中市霧峰區霧工一路68號

No.68, Wugong 1st Rd., Wufong Dist., Taichung City, Taiwan, 413

TEL : +886-4-23332339 FAX : +886-4-23333817 E-mail : yeoshe@yeoshe.com.tw

東莞辦事處 Dongguan TEL : +86-769-85965158 FAX : +86-769-81635359 E-mail : yeoshe@yeoshe.com.tw

上海辦事處 Shanghai TEL : +86-21-69785786 FAX : +86-21-69785787 E-mail : yeoshe@yeoshe.com.tw

經銷商 Distributor

www.yeoshehydraulic.com

版權所有 翻印必究
Copyright © 2016 by YEOSHE