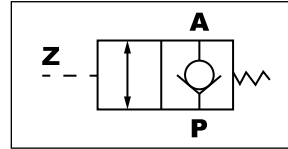


產品外觀

PRODUCT APPEARANCE



迴路圖 Circuit Diagram



MADE IN TAIWAN

- 標準化規格，嚴格品質管控，確保產品穩定可靠

Standardized Specifications, Strict Quality Control, Ensuring Consistent and Reliable Performance

訂購代號

ORDER NO.

PCV

02

系列
PCV

尺寸	
02	1/8
04	1/4
06	3/8
08	1/2

特點

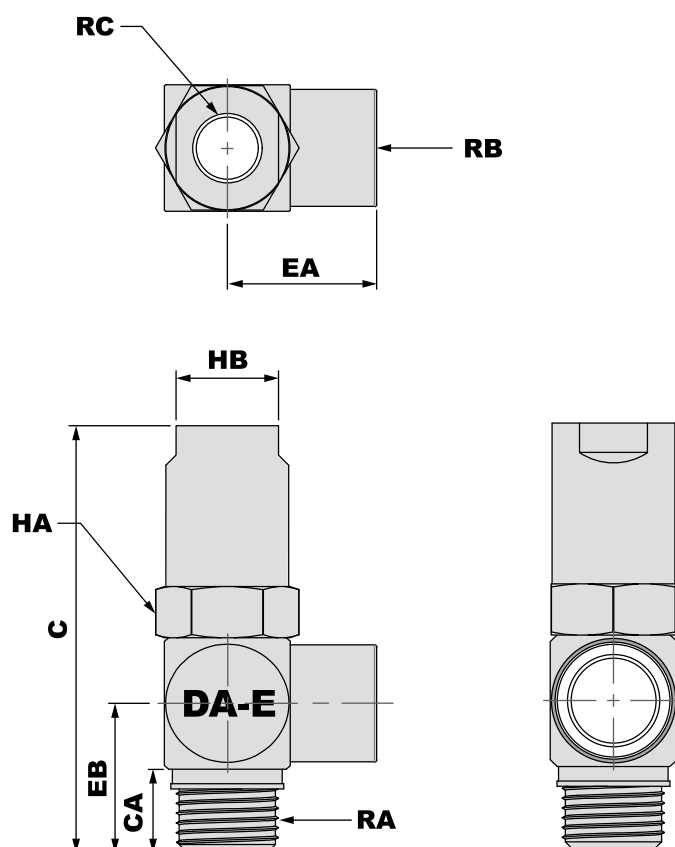
FEATURES

- 耐高低溫，耐壓性能穩定
High and Low Temperature Resistance with Stable Pressure Performance.
- 材質採用鋁合金，重量輕且具有良好的耐腐蝕性
Made of aluminum alloy, offering lightweight construction and good corrosion resistance.
- 採用標準螺紋接口設計，便於管路配置與安裝
Standard threaded port design for easy piping and installation.
- 採用先導口插管式設計，有效節省安裝空間並提高安裝效率
Push-in pilot port design saves installation space and improves installation efficiency.
- 可使氣缸快速停止並精確定位，同時有效防止氣體逆向流動
Enables rapid cylinder stopping and precise positioning while effectively preventing reverse airflow.

適用範圍

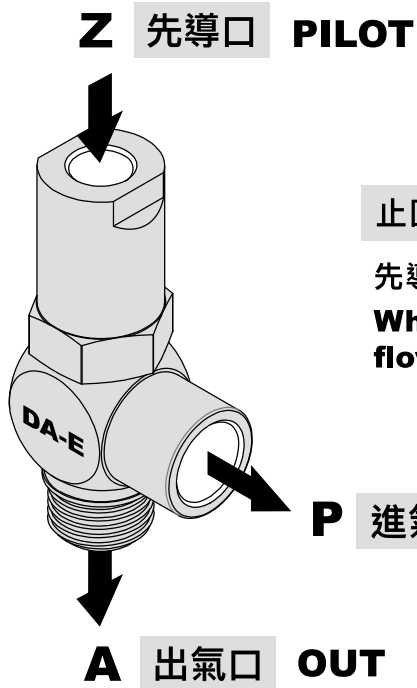
APPLICATIONS

- 適用於氣壓缸保壓、停止定位及特殊氣動迴路
Suitable for pneumatic cylinder pressure holding, stop positioning, and special pneumatic circuits.



型 號 TYPE	C	CA	EA	EB	HA	HB	RA	RB	RC
PCV-02	48.5	7.5	16	16.5	14	12	PT 1/8	PT 1/8	M5X0.8
PCV-04	59	10	20.3	21	17	14	PT 1/4	PT 1/4	PT 1/8
PCV-06	74.5	11	25	26	22	17	PT 3/8	PT 3/8	PT 1/4
PCV-08	79.5	14	28	29.5	24	19	PT 1/2	PT 1/2	PT 1/4

型 號 TYPE	口徑 Nominal Size	操作頻率 Operating Frequency	材質 Material	壓力範圍 Pressure Range	工作溫度 Operating Temperature
PCV-02	1/8"	60 cycles/min	Aluminum Alloy	0.15~1.0 Mpa	-5~60°C / 23~140°F
PCV-04	1/4"	60 cycles/min	Aluminum Alloy	0.15~1.0 Mpa	-5~60°C / 23~140°F
PCV-06	3/8"	40 cycles/min	Aluminum Alloy	0.15~1.0 Mpa	-5~60°C / 23~140°F
PCV-08	1/2"	40 cycles/min	Aluminum Alloy	0.15~1.0 Mpa	-5~60°C / 23~140°F

**止回功能 Check Valve Function**

先導口Z無氣時，P可通向A，A不可通向P

When there is no pilot pressure at port Z, flow is allowed from P to A, but blocked from A to P.

注意事項

PRECAUTIONS

- 使用前請依照使用說明圖所標示的氣流方向使用，以確保產品正常運作

Before use, follow the airflow direction indicated in the usage diagram to ensure proper operation.

- 使用之流體應保持清潔，避免異物、切屑或雜質進入內部，以免造成堵塞、洩漏或作動異常

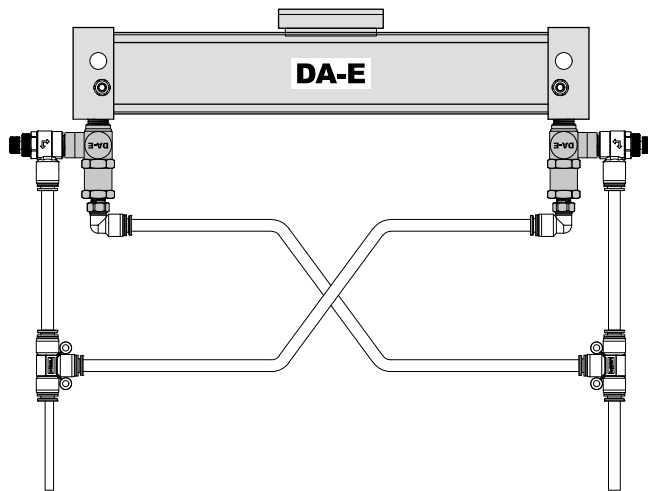
Keep the fluid clean and prevent foreign particles, chips, or contaminants from entering the product, as they may cause blockage, leakage, or malfunction.

- 使用前請確認壓力範圍及工作溫度符合產品規格，請勿超出額定使用條件

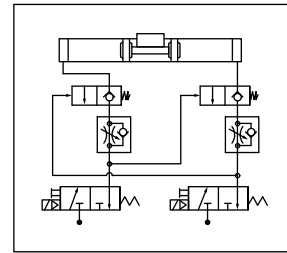
Before use, ensure that the pressure range and operating temperature are within the specified limits. Do not exceed the rated operating conditions.

氣缸位移寸動

Cylinder Positioning and Inching

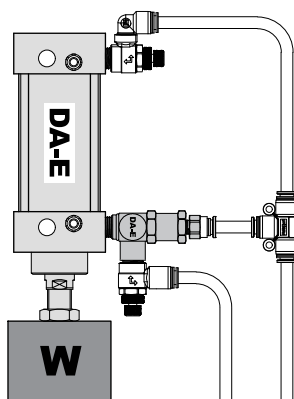


Circuit Diagram

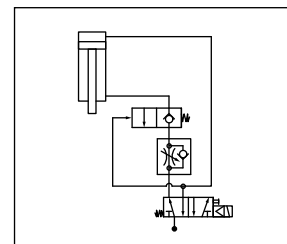


防止工件落下

Prevents Workpiece Dropping

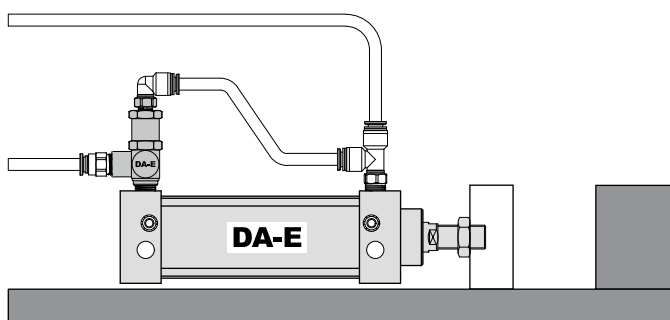


Circuit Diagram

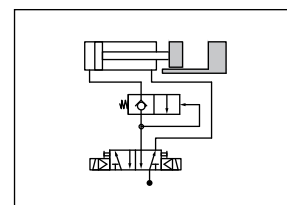


防鬆保壓

Anti-loosening & Pressure Holding



Circuit Diagram



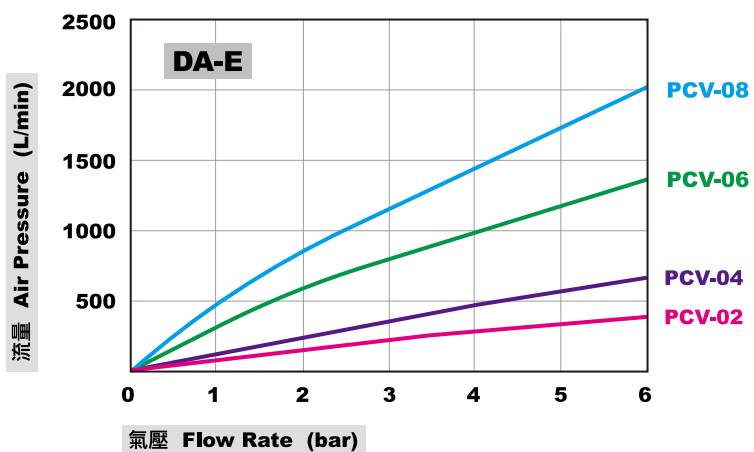
注意事項

PRECAUTIONS

- 若產品出現異常噪音、洩漏、流量異常或作動不順等情況，請立即停止使用並進行檢查

If abnormal noise, leakage, irregular flow, or improper operation occurs, stop using the product immediately and inspect the system.

流量特性 Flow Characteristics



最小先導壓力與工作壓力關係曲線

Minimum Pilot Pressure vs. Working Pressure Curve

