



注意事項：

- 在使用空壓轉角下壓缸時，若需要增長壓板之長度時，請勿大於原長之1.5倍。
- 建議使用空壓轉角下壓缸時，請加裝流量控制閥，避免因速度過快而損壞缸體及內部零件。

NOTE：

- Please don't exceed 1.5 times of the original length, if it is necessary to increase the length of the clamping arm.
- Suggested to install a flow control valve protect cylinder barrel and internal components against fretting wear.

雙動氣缸 Double acting cylinders

| | | |
|------------|--|--|
| PAS | 雙動單邊壓板型 DOUBLE ACTING - SINGLE SIDE CLAMPING ARM | |
| PAD | 雙動雙邊壓板型 DOUBLE ACTING - DOUBLE SIDES CLAMPING ARM | |

- 空壓轉角下壓缸主要使用在空間狹小，且無任何輔助壓板下，能輕易的夾持及放鬆工作。
- 本空壓轉角下壓缸為下拉式氣缸，並有五種規格及兩種可360°任意安裝之壓板供選擇。
- Swing clamp cylinders are used at limit working space. Easy to fix the work piece with out additional plate.
- These pull-type cylinders have five standard sizes and two additional plates which can be installed at any angle.

規格表 Specifications

| 型號 Type | PAS | PAD |
|---|---|------------------------|
| 氣缸內徑 Bore sizes of cylinder (mm) | φ 25, φ 32, φ 40, φ 50, φ 63 | φ 32, φ 40, φ 50, φ 63 |
| 作動方式 Operation | 複動式 Double acting | |
| 工作媒體 Power fluid | 已濾清之壓縮空氣(潤滑或未潤滑) Filtered air with or without lubrication | |
| 最高壓力 Max. pressure (kgf/cm ²) | 15 | |
| 使用壓力範圍 The range of pressure (kgf/cm ²) | 1 ~ 10 | |
| 缸體材質 Material of cylinder barrel | 鋁合金管 Anodised aluminum alloy | |
| 轉角角度 Standard angle of rotation | 90° ± 2° (Angle of 0°, 45° and 60° are optional) | |
| 轉角方向 Rotating direction | 順時針或逆時針旋轉 Clockwise or counter clockwise | |

訂購代號 Order No.

PAS - **25** - **CW** / **90**

- 型式 Type

| | |
|------------|------------|
| PAS | PAD |
| | |
- 內徑 Bore

| | |
|----|------|
| 25 | φ 25 |
| 32 | φ 32 |
| 40 | φ 40 |
| 50 | φ 50 |
| 63 | φ 63 |
- 旋轉角度 Rotation

| | |
|------------|----------------------------|
| CCW | 逆時針旋轉 Counter clockwise |
| CW | 順時針旋轉 Clockwise |
- 旋轉方向 Rotation direction

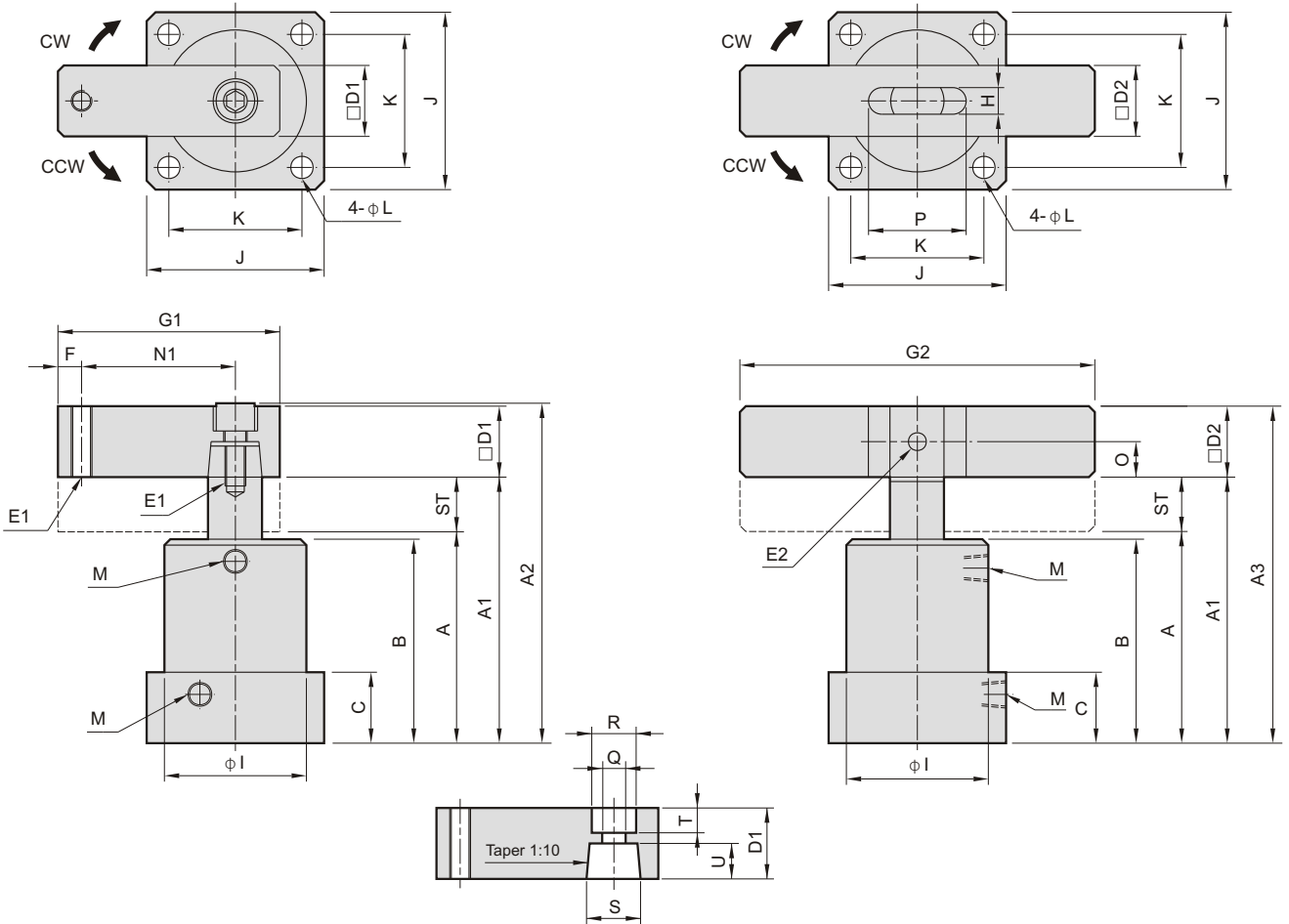
Pneumatic - swing clamp cylinders

尺寸圖 Dimension $\phi 25 \sim \phi 63$

PAS 雙動單邊壓板型
Double acting -
single side clamping arm



PAD 雙動雙邊壓板型
Double acting -
double sides clamping arm



單邊壓板安裝尺寸

| Type | | 缸體內徑 Bore (mm) | 活塞桿徑 Piston rod (mm) | 轉角行程 Swing stroke (mm) | 垂直行程 Clamping stroke (mm) | 受壓面積 Pressure area 壓側/拉側 push/pull (mm ²) | 理論夾持力(N) Clamping force (0.6MPa) |
|--------|--------|----------------------|----------------------------|------------------------------|---------------------------------|---|--|
| PAS-25 | | $\phi 25$ | $\phi 14$ | 11 | 11 | 491 / 337 | 200 |
| PAS-32 | PAD-32 | $\phi 32$ | $\phi 16$ | 13 | 13 | 804 / 603 | 360 |
| PAS-40 | PAD-40 | $\phi 40$ | $\phi 16$ | 13 | 13 | 1257 / 1056 | 630 |
| PAS-50 | PAD-50 | $\phi 50$ | $\phi 20$ | 15 | 15 | 1963 / 1649 | 980 |
| PAS-63 | PAD-63 | $\phi 63$ | $\phi 20$ | 15 | 15 | 3117 / 2803 | 1680 |

| Type | ST | A | A1 | A2 | A3 | B | C | D1 | D2 | E1 | E2 | F | G1 | G2 |
|--------|--------|----|----|---------|---------|----|----|------|------|----------|----------|----|----|-----|
| PAS-25 | 22 | 67 | 89 | (107.3) | - | 65 | 23 | 15.9 | - | M6×P1.0 | - | 6 | 50 | - |
| PAS-32 | PAD-32 | 26 | 82 | 108 | (129.5) | 78 | 28 | 19 | 19 | M8×P1.25 | $\phi 8$ | 8 | 70 | 140 |
| PAS-40 | PAD-40 | 26 | 82 | 108 | (129.5) | 78 | 28 | 19 | 19 | M8×P1.25 | $\phi 8$ | 8 | 75 | 140 |
| PAS-50 | PAD-50 | 30 | 94 | 124 | (152.4) | 90 | 31 | 25.4 | 22.2 | M10×P1.5 | $\phi 8$ | 10 | 85 | 160 |
| PAS-63 | PAD-63 | 30 | 94 | 124 | (152.4) | 90 | 31 | 25.4 | 22.2 | M10×P1.5 | $\phi 8$ | 10 | 95 | 160 |

| Type | H | I | J | K | L | M | N1 | O | P | Q | R | S | T | U | |
|--------|--------|-----------|-----------|----|------------|------------|--------|----|------|------------|-------------|-----------|-----------|-----|------|
| PAS-25 | - | $\phi 35$ | 38 | 30 | $\phi 4.6$ | M5×P0.8 | 35 | - | - | $\phi 6.8$ | $\phi 11.5$ | $\phi 14$ | 5 | 8.5 | |
| PAS-32 | PAD-32 | 9 | $\phi 46$ | 50 | 40 | $\phi 5.6$ | PT 1/8 | 50 | 9.5 | 25 | $\phi 9$ | $\phi 14$ | $\phi 16$ | 7 | 9.5 |
| PAS-40 | PAD-40 | 9 | $\phi 55$ | 60 | 48 | $\phi 6.8$ | PT 1/8 | 55 | 9.5 | 25 | $\phi 9$ | $\phi 14$ | $\phi 16$ | 7 | 9.5 |
| PAS-50 | PAD-50 | 10 | $\phi 65$ | 70 | 57 | $\phi 6.8$ | PT 1/8 | 60 | 11.1 | 29 | $\phi 11$ | $\phi 18$ | $\phi 20$ | 9 | 12.5 |
| PAS-63 | PAD-63 | 10 | $\phi 78$ | 83 | 67 | $\phi 9$ | PT 1/8 | 70 | 11.1 | 29 | $\phi 11$ | $\phi 18$ | $\phi 20$ | 9 | 12.5 |