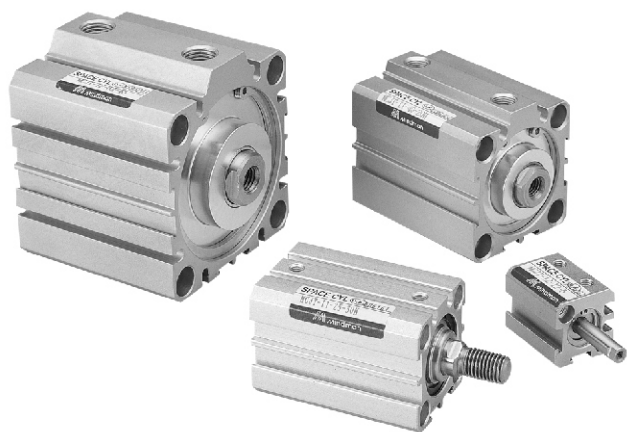


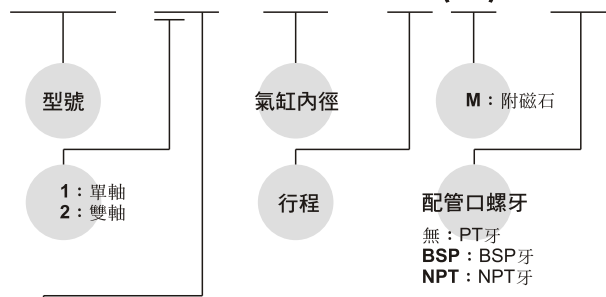
# MCJT 系列

## 薄型（治具）氣壓缸



訂購代號：

MCJT — 12 — 40 — 25(M) — BSP



作動方式／桿端牙型：

| 代號  | 記號 | 說明       |
|-----|----|----------|
| 1 1 |    | 複動外牙     |
| 1 2 |    | 複動內牙     |
| 1 3 |    | 引入單動外牙   |
| 1 4 |    | 引入單動內牙   |
| 1 5 |    | 伸出單動外牙   |
| 1 6 |    | 伸出單動內牙   |
| 2 1 |    | 雙軸複動外牙   |
| 2 2 |    | 雙軸複動內牙   |
| 2 7 |    | 雙軸可調行程外牙 |
| 2 8 |    | 雙軸可調行程內牙 |

特點：

- 本公司追求效率成本及容易安裝使用，而設計出的產品。
- 此系列產品之安裝，全部使用沉頭孔牙設計的安裝方式，不需任何固定腳架，達到節省配置空間的要求。
- 本體使用精心挑選的鋁合金素材，經過硬質陽極處理；更具耐磨耐蝕性，配合精密的組裝技術；並且藉由嚴格地全數檢查，達到可絕對信賴的品質要求。
- 於缸體擠製時，於外圍預留裝配槽；使感應開關在安裝固定及位置調整時，均極其簡單。

規格：

| 型號                            |    | MCJT                  |    |         |    |         |    |        |    |        |     |
|-------------------------------|----|-----------------------|----|---------|----|---------|----|--------|----|--------|-----|
| 作動方式                          |    | 複動型 / 押出型 / 引入型       |    |         |    |         |    | 複動型    |    |        |     |
| 配管口徑尺寸                        |    | M5×0.8                |    |         |    | PT 1/8  |    | PT 1/4 |    | PT 3/8 |     |
| 氣缸內徑(mm)                      |    | 12                    | 16 | 20      | 25 | 32      | 40 | 50     | 63 | 80     | 100 |
| 使用流體                          |    | 空氣                    |    |         |    |         |    |        |    |        |     |
| 使用壓力範圍<br>kgf/cm <sup>2</sup> | 複動 | 0.5~9.9               |    | 0.3~9.9 |    | 0.2~9.9 |    |        |    |        |     |
|                               | 單動 | 2.0~9.9               |    | 1.5~9.9 |    | 1.0~9.9 |    |        | —  |        |     |
| 耐壓力                           |    | 15kgf/cm <sup>2</sup> |    |         |    |         |    |        |    |        |     |
| 周圍溫度                          |    | -5℃~+60℃ (不凍結)        |    |         |    |         |    |        |    |        |     |
| 感應開關                          |    | RCB, RCE, RCE1        |    |         |    |         |    |        |    |        |     |

複動型—標準行程表

|    | 氣缸內徑                     | 行程 (mm)                               | 最大行程(不附磁) |
|----|--------------------------|---------------------------------------|-----------|
| 單軸 | φ 12,16                  | 5, 10, 15, 20, 25, 30                 | 300       |
|    | φ 20,25,32<br>φ 40,50,63 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 300       |
|    | φ 80~100                 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 125       |
| 雙軸 | φ 12,16                  | 5, 10, 15, 20, 25, 30                 | 300       |
|    | φ 20,25,32<br>φ 40,50,63 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 300       |
|    | φ 80~100                 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 125       |

- 非標準行程亦可承製，請洽業務人員

單動型—標準行程表

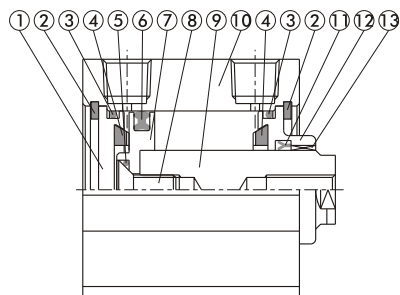
| 氣缸內徑                     | 行程 (mm) |
|--------------------------|---------|
| φ 12, 16, 20, 25, 32, 40 | 5, 10   |
| φ 50                     | 10, 20  |

# MCJT 內部構造及主要零件

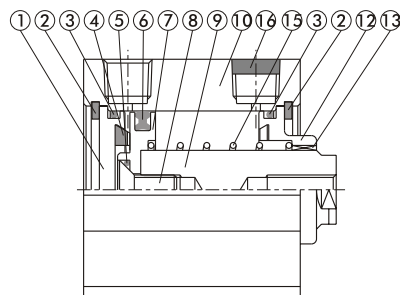
薄型（治具）氣壓缸



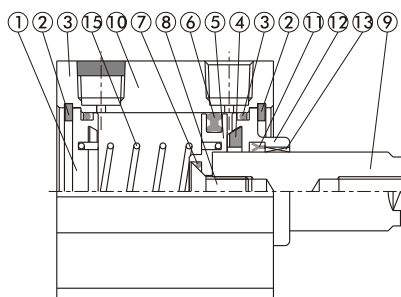
複動型



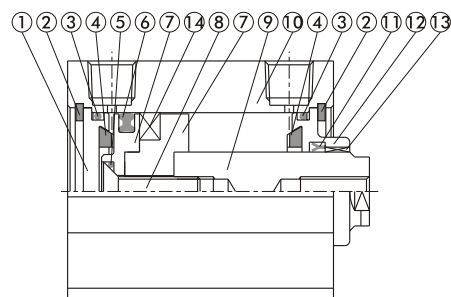
單動 押出型



單動 引入型



附磁型



修理包密封環規格一覽表

| 作動型式 | 活塞桿密封環     |     | 活塞密封環   |        | 缸管墊片       | 活塞墊片       |
|------|------------|-----|---------|--------|------------|------------|
|      | 複動型<br>引入型 | 押出型 | 複動型     | 單動型    | 複動型<br>單動型 | 複動型<br>單動型 |
| QTY. | 1          | 0   | 1       | 1      | 2          | 1          |
| 12   | KSYR-6     | —   | OPA-12  | OPA-12 | S-12       | d4×w1      |
| 16   | KSYR-8     | —   | OPA-16  | OPA-16 | S-14       | d4×w1      |
| 20   | KSYR-10A   | —   | OPA-20  | OPA-20 | S-18       | d6×w1      |
| 25   | KSYR-12    | —   | OPA-25  | OPA-25 | S-22       | d8×w1      |
| 32   | KSYR-16    | —   | OPA-32  | OPA-32 | d28×w2     | S-9        |
| 40   | KSYR-16    | —   | OPA-40  | OPA-40 | S-36       | S-9        |
| 50   | KSYR-20    | —   | OPA-50  | OPA-50 | AS-31      | S-16       |
| 63   | KSYR-20    | —   | OPA-63  | —      | AS-36      | S-16       |
| 80   | ORA-25     | —   | OPA-80  | —      | AS-41      | d20×w1     |
| 100  | SDR-30     | —   | OPA-100 | —      | S-95       | S-26       |

主要零件材質

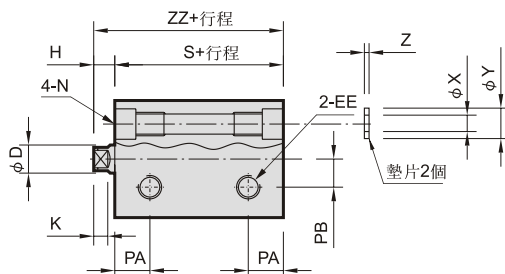
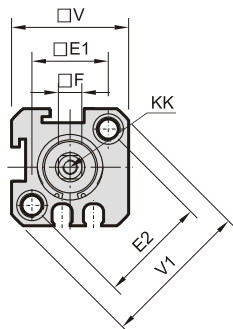
| 項目 | 名稱     | 內徑      | 12 | 16 | 20  | 25  | 32         | 40 | 50 | 63 | 80 | 100 |  |
|----|--------|---------|----|----|-----|-----|------------|----|----|----|----|-----|--|
|    |        |         |    |    |     |     |            |    |    |    |    |     |  |
| 1  | 尾蓋     | 鋁合金     |    |    |     |     |            |    |    |    |    |     |  |
| 2  | 孔用C型扣環 | 彈簧鋼     |    |    |     |     |            |    |    |    |    |     |  |
| 3  | 缸管墊片   | NBR     |    |    |     |     |            |    |    |    |    |     |  |
| 4  | 緩衝墊片   | —       |    |    | NBR |     |            |    |    |    |    |     |  |
| 5  | 活塞墊片   | NBR     |    |    |     |     |            |    |    |    |    |     |  |
| 6  | 活塞密封環  | NBR     |    |    |     |     |            |    |    |    |    |     |  |
| 7  | 活塞     | 鋁合金     |    |    |     |     |            |    |    |    |    |     |  |
| 8  | 活塞固定螺絲 | 工具鋼 SCM |    |    |     |     |            |    |    |    |    |     |  |
| 9  | 活塞桿    | 不銹鋼 SUS |    |    |     |     | 高碳鋼(鍍硬鉻處理) |    |    |    |    |     |  |
| 10 | 本體     | 鋁合金     |    |    |     |     |            |    |    |    |    |     |  |
| 11 | 活塞桿密封環 | NBR     |    |    |     |     |            |    |    |    |    |     |  |
| 12 | 前蓋     | 鋁合金     |    |    |     |     |            |    |    |    |    |     |  |
| 13 | 活塞桿襯套  | —       |    |    |     | 鐵弗龍 |            |    |    |    |    |     |  |
| 14 | 磁石     | 塑膠      |    |    |     |     |            |    |    |    |    |     |  |
| 15 | 彈簧     | 琴鋼線     |    |    |     |     |            |    |    | —  |    |     |  |
| 16 | 消音片    | 粉末冶銅    |    |    |     |     |            |    |    | —  |    |     |  |

# MCJT 內牙型 / 外觀尺寸 $\phi 12\sim\phi 100$

## 薄型（治具）氣壓缸



$\phi 12, \phi 16$



$\phi 12, \phi 16$  長行程(無承窩孔)

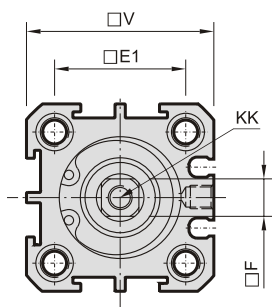


$\phi 20\sim\phi 100$  長行程(無承窩孔)

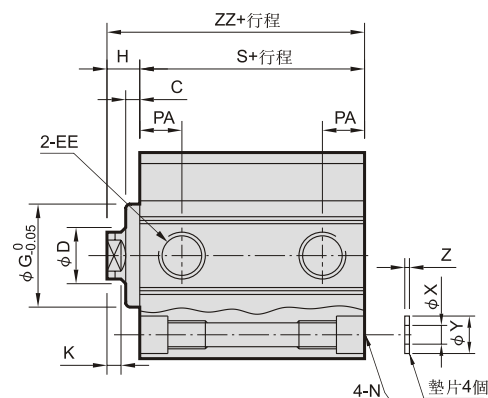
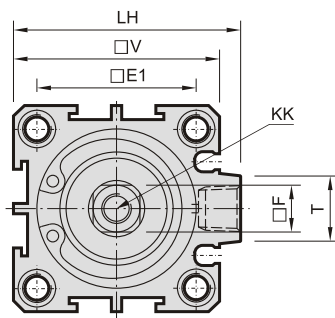


※ 附磁型：行程超過100mm。

$\phi 20, \phi 25$



$\phi 32\sim\phi 100$



| 代號<br>內徑 | C   | D  | EE         | E1   | E2 | F  | G  | H   | K | KK          | LH   | N (固定孔)                      | PA   | PB  |
|----------|-----|----|------------|------|----|----|----|-----|---|-------------|------|------------------------------|------|-----|
| 12       | -   | 6  | M5×0.8     | 16.3 | 23 | 5  | -  | 4.5 | 3 | M3×0.5×7深   | -    | 6.5×4.5深, 4.3, M5×0.8×6深     | 7.5  | 5.5 |
| 16       | -   | 8  | M5×0.8     | 19.8 | 28 | 6  | -  | 4.5 | 3 | M4×0.7×7深   | -    | 6.5×4.5深, 4.3, M5×0.8×6深     | 8    | 6.5 |
| 20       | 1.5 | 10 | M5×0.8     | 24   | -  | 8  | 13 | 5.5 | 3 | M5×0.8×10深  | -    | 6.5×4.5深, 4.3, M5×0.8×7.5深   | 7.5  | -   |
| 25       | 2   | 12 | M5×0.8     | 28   | -  | 10 | 17 | 6   | 3 | M6×1×10深    | -    | 8×6深, 5.1, M6×1×9.5深         | 8    | -   |
| 32       | 3.3 | 16 | PT 1/8(註1) | 34   | -  | 14 | 22 | 7   | 3 | M8×1.25×12深 | 48.5 | 8×6深, 5.1, M6×1×8深           | 9    | -   |
| 40       | 3.3 | 16 | PT 1/8(註1) | 40   | -  | 14 | 28 | 7   | 3 | M8×1.25×12深 | 56.5 | 10.5×8深, 6.9, M8×1.25×10深    | 10   | -   |
| 50       | 4   | 20 | PT 1/4(註2) | 48   | -  | 17 | 38 | 9   | 3 | M10×1.5×15深 | 70   | 11×8.5深, 6.9, M8×1.25×10深    | 10.8 | -   |
| 63       | 4   | 20 | PT 1/4(註2) | 60   | -  | 17 | 40 | 9   | 3 | M10×1.5×15深 | 83   | 11×8.5深, 6.9, M8×1.25×10深    | 11   | -   |
| 80       | 5   | 25 | PT 3/8(註3) | 74   | -  | 22 | 45 | 11  | 4 | M14×2×20深   | 102  | 14×10.5深, 10.5, M12×1.75×12深 | 13   | -   |
| 100      | 3   | 30 | PT 3/8(註3) | 90   | -  | 27 | 45 | 9   | 4 | M18×2.5×20深 | 122  | 18.5×13深, 12.3, M14×2×15深    | 15   | -   |

註1：不附磁行程為5mm時，EE=M5×0.8

註3：不附磁行程為5mm時，EE=PT1/4

註2：不附磁行程為5mm時，EE=PT1/8

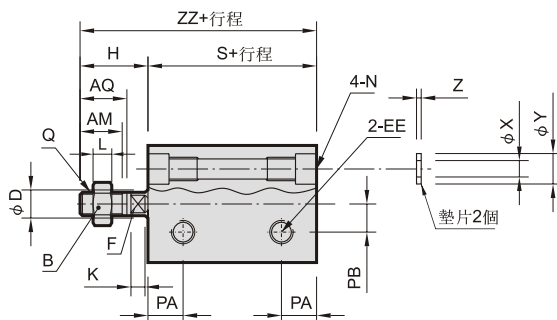
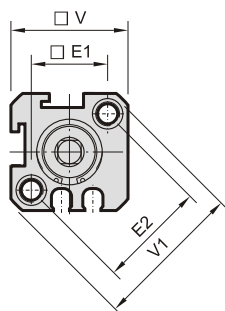
| 代號<br>內徑 | T  | V   | V1 | X    | Y    | Z   | 不附磁型 |      | 附磁型  |      |
|----------|----|-----|----|------|------|-----|------|------|------|------|
|          |    |     |    |      |      |     | S    | ZZ   | S    | ZZ   |
| 12       | -  | 25  | 32 | 3.2  | 6.3  | 1   | 20.5 | 25   | 25.5 | 30   |
| 16       | -  | 29  | 38 | 3.2  | 6.3  | 1   | 20.5 | 25   | 30.5 | 35   |
| 20       | -  | 34  | -  | 3.2  | 6.3  | 1   | 19.5 | 25   | 29.5 | 35   |
| 25       | -  | 40  | -  | 4.2  | 7.8  | 1   | 21   | 27   | 31   | 37   |
| 32       | 14 | 44  | -  | 4.2  | 7.8  | 1   | 24   | 31   | 34   | 41   |
| 40       | 14 | 52  | -  | 6.2  | 10.3 | 1.6 | 26.5 | 33.5 | 36.5 | 43.5 |
| 50       | 19 | 62  | -  | 6.2  | 10.8 | 1.6 | 28.6 | 37.6 | 38.6 | 47.6 |
| 63       | 20 | 75  | -  | 6.2  | 10.8 | 1.6 | 32.5 | 41.5 | 42.5 | 51.5 |
| 80       | 27 | 94  | -  | 8.2  | 13.8 | 1.6 | 41   | 52   | 51   | 62   |
| 100      | 26 | 114 | -  | 10.2 | 17.3 | 2   | 45   | 54   | 55   | 64   |

# MCJT 外牙型 / 外觀尺寸 $\phi 12 \sim \phi 100$

薄型 (治具) 氣壓缸



$\phi 12, \phi 16$



$\phi 12, \phi 16$  長行程 (無承窩孔)

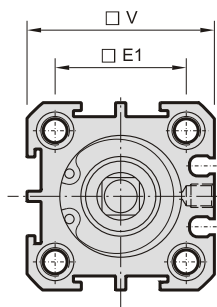


$\phi 20 \sim \phi 100$  長行程 (無承窩孔)

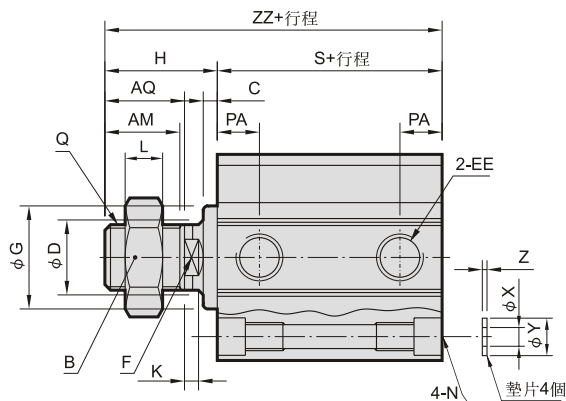
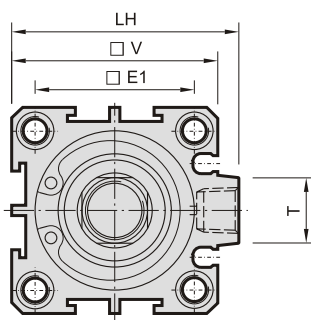


※ 附磁型：行程超過100mm。

$\phi 20, \phi 25$



$\phi 32 \sim \phi 100$



| 代號<br>內徑 | AM | AQ | B  | C   | D  | EE         | E1   | E2 | F  | G  | H    | K | L  | LH   | N (固定孔)                      |  | PA   | PB  |
|----------|----|----|----|-----|----|------------|------|----|----|----|------|---|----|------|------------------------------|--|------|-----|
| 12       | 9  | 10 | 8  | -   | 6  | M5×0.8     | 16.3 | 23 | 5  | -  | 14.5 | 3 | 4  | -    | 6.5×4.5深, 4.3, M5×0.8×6深     |  | 7.5  | 5.5 |
| 16       | 9  | 10 | 10 | -   | 8  | M5×0.8     | 19.8 | 28 | 6  | -  | 14.5 | 3 | 5  | -    | 6.5×4.5深, 4.3, M5×0.8×6深     |  | 8    | 6.5 |
| 20       | 13 | 14 | 13 | 1.5 | 10 | M5×0.8     | 24   | -  | 8  | 13 | 19.5 | 3 | 5  | -    | 6.5×4.5深, 4.3, M5×0.8×7.5深   |  | 7.5  | -   |
| 25       | 15 | 16 | 17 | 2   | 12 | M5×0.8     | 28   | -  | 10 | 17 | 22   | 3 | 6  | -    | 8×6深, 5.1, M6×1×9.5深         |  | 8    | -   |
| 32       | 16 | 17 | 22 | 3.3 | 16 | PT 1/8(註1) | 34   | -  | 14 | 22 | 24   | 3 | 8  | 48.5 | 8×6深, 5.1, M6×1×8深           |  | 9    | -   |
| 40       | 25 | 27 | 22 | 3.3 | 16 | PT 1/8(註1) | 40   | -  | 14 | 28 | 34   | 3 | 8  | 56.5 | 10.5×8深, 6.9, M8×1.25×10深    |  | 10   | -   |
| 50       | 25 | 27 | 26 | 4   | 20 | PT 1/4(註2) | 48   | -  | 17 | 38 | 36   | 3 | 11 | 70   | 11×8.5深, 6.9, M8×1.25×10深    |  | 10.8 | -   |
| 63       | 25 | 27 | 26 | 4   | 20 | PT 1/4(註2) | 60   | -  | 17 | 40 | 36   | 3 | 11 | 83   | 11×8.5深, 6.9, M8×1.25×10深    |  | 11   | -   |
| 80       | 30 | 33 | 32 | 5   | 25 | PT 3/8(註3) | 74   | -  | 22 | 45 | 44   | 4 | 13 | 102  | 14×10.5深, 10.5, M12×1.75×12深 |  | 13   | -   |
| 100      | 30 | 33 | 35 | 3   | 30 | PT 3/8(註3) | 90   | -  | 27 | 45 | 42   | 4 | 14 | 122  | 18.5×13深, 12.3, M14×2×15深    |  | 15   | -   |

註1：不附磁行程為5mm時，EE=M5×0.8

註3：不附磁行程為5mm時，EE=PT1/4

註2：不附磁行程為5mm時，EE=PT1/8

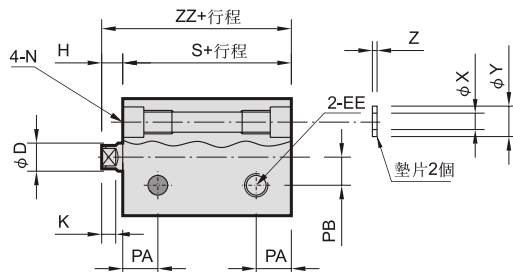
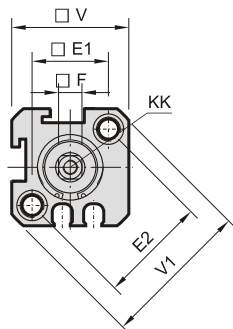
| 代號<br>內徑 | Q        | T  | V   | V1 | X    | Y    | Z   | 不附磁型 |      | 附磁型  |      |
|----------|----------|----|-----|----|------|------|-----|------|------|------|------|
|          |          |    |     |    |      |      |     | S    | ZZ   | S    | ZZ   |
| 12       | M5×0.8   | -  | 25  | 32 | 3.2  | 6.3  | 1   | 20.5 | 35   | 25.5 | 40   |
| 16       | M6×1     | -  | 29  | 38 | 3.2  | 6.3  | 1   | 20.5 | 35   | 30.5 | 45   |
| 20       | M8×1     | -  | 34  | -  | 3.2  | 6.3  | 1   | 19.5 | 39   | 29.5 | 49   |
| 25       | M10×1.25 | -  | 40  | -  | 4.2  | 7.8  | 1   | 21   | 43   | 31   | 53   |
| 32       | M14×1.5  | 14 | 44  | -  | 4.2  | 7.8  | 1   | 24   | 48   | 34   | 58   |
| 40       | M14 1.5  | 14 | 52  | -  | 6.2  | 10.3 | 1.6 | 26.5 | 60.5 | 36.5 | 70.5 |
| 50       | M18×1.5  | 19 | 62  | -  | 6.2  | 10.8 | 1.6 | 28.6 | 64.6 | 38.6 | 74.6 |
| 63       | M18×1.5  | 20 | 75  | -  | 6.2  | 10.8 | 1.6 | 32.5 | 68.5 | 42.5 | 78.5 |
| 80       | M22×1.5  | 27 | 94  | -  | 8.2  | 13.8 | 1.6 | 41   | 85   | 51   | 95   |
| 100      | M26×1.5  | 26 | 114 | -  | 10.2 | 17.3 | 2   | 45   | 87   | 55   | 97   |

# MCJT 押出型 / 外觀尺寸 $\phi 12 \sim \phi 50$

薄型 (治具) 氣壓缸



$\phi 12, \phi 16$



$\phi 12, \phi 16$  長行程 (無承窩孔)

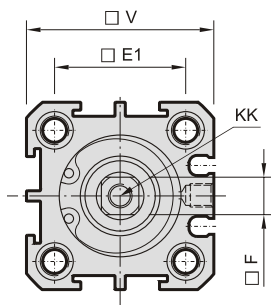


$\phi 20 \sim \phi 50$  長行程 (無承窩孔)

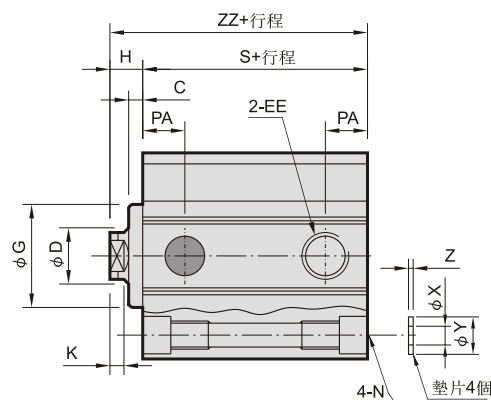
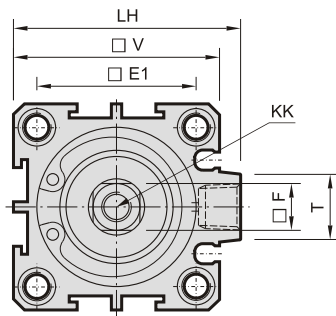


※ 附磁型：行程超過100mm。

$\phi 20, \phi 25$



$\phi 32 \sim \phi 50$



| 代號<br>內徑 | C   | D  | EE         | E1   | E2 | F  | G  | H   | K | KK          | LH   | N (固定孔)                    | PA   | PB  |
|----------|-----|----|------------|------|----|----|----|-----|---|-------------|------|----------------------------|------|-----|
| 12       | -   | 6  | M5×0.8     | 16.3 | 23 | 5  | -  | 4.5 | 3 | M3×0.5×7深   | -    | 6.5×4.5深, 4.3, M5×0.8×6深   | 7.5  | 5.5 |
| 16       | -   | 8  | M5×0.8     | 19.8 | 28 | 6  | -  | 4.5 | 3 | M4×0.7×7深   | -    | 6.5×4.5深, 4.3, M5×0.8×6深   | 8    | 6.5 |
| 20       | 1.5 | 10 | M5×0.8     | 24   | -  | 8  | 13 | 5.5 | 3 | M5×0.8×10深  | -    | 6.5×4.5深, 4.3, M5×0.8×7.5深 | 7.5  | -   |
| 25       | 2   | 12 | M5×0.8     | 28   | -  | 10 | 17 | 6   | 3 | M6×1×10深    | -    | 8×6深, 5.1, M6×1×9.5深       | 8    | -   |
| 32       | 3.3 | 16 | PT 1/8(註1) | 34   | -  | 14 | 22 | 7   | 3 | M8×1.25×12深 | 48.5 | 8×6深, 5.1, M6×1×8深         | 9    | -   |
| 40       | 3.3 | 16 | PT 1/8(註1) | 40   | -  | 14 | 28 | 7   | 3 | M8×1.25×12深 | 56.5 | 10.5×8深, 6.9, M8×1.25×10深  | 10   | -   |
| 50       | 4   | 20 | PT 1/4(註2) | 48   | -  | 17 | 38 | 9   | 3 | M10×1.5×15深 | 70   | 11×8.5深, 6.9, M8×1.25×10深  | 10.8 | -   |

註1：不附磁行程為5mm時，EE=M5×0.8

註2：不附磁行程為5mm時，EE=PT1/8

| 代號<br>內徑 | T  | V  | V1 | X   | Y    | Z   | 不附磁型 |      | 附磁型  |      |
|----------|----|----|----|-----|------|-----|------|------|------|------|
|          |    |    |    |     |      |     | S    | ZZ   | S    | ZZ   |
| 12       | -  | 25 | 32 | 3.2 | 6.3  | 1   | 20.5 | 25   | 25.5 | 30   |
| 16       | -  | 29 | 38 | 3.2 | 6.3  | 1   | 20.5 | 25   | 30.5 | 35   |
| 20       | -  | 34 | -  | 3.2 | 6.3  | 1   | 19.5 | 25   | 29.5 | 35   |
| 25       | -  | 40 | -  | 4.2 | 7.8  | 1   | 21   | 27   | 31   | 37   |
| 32       | 14 | 44 | -  | 4.2 | 7.8  | 1   | 24   | 31   | 34   | 41   |
| 40       | 14 | 52 | -  | 6.2 | 10.3 | 1.6 | 26.5 | 33.5 | 36.5 | 43.5 |
| 50       | 19 | 62 | -  | 6.2 | 10.8 | 1.6 | 28.6 | 37.6 | 38.6 | 47.6 |

## 單動型—標準行程表

| 氣缸內徑                          | 行程 (mm) |
|-------------------------------|---------|
| $\phi 12, 16, 20, 25, 32, 40$ | 5, 10   |
| $\phi 50$                     | 10, 20  |

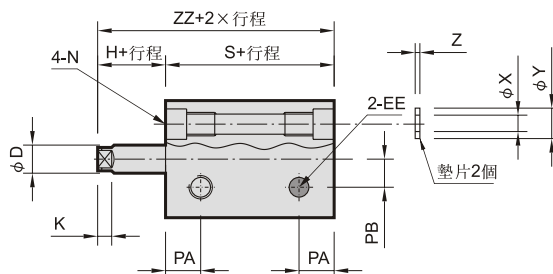
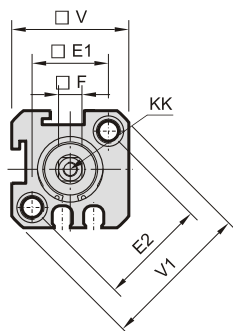
單動型非標準行程者，尺寸另洽

# MCJT 引入型 / 外觀尺寸 $\phi 12 \sim \phi 50$

## 薄型 (治具) 氣壓缸



$\phi 12, \phi 16$



$\phi 12, \phi 16$  長行程 (無承窩孔)

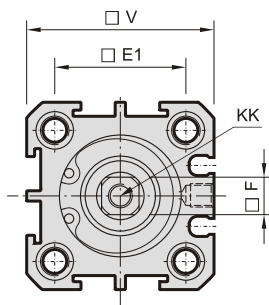


$\phi 20 \sim \phi 50$  長行程 (無承窩孔)

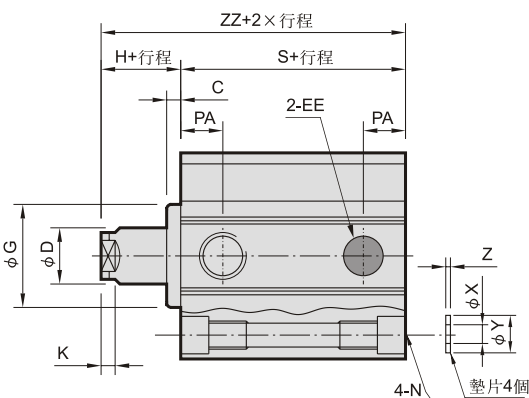
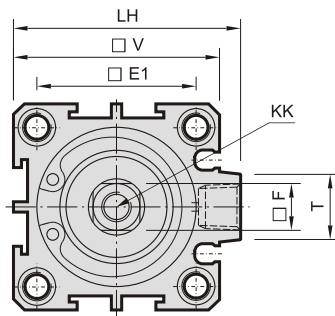


※ 附磁型：行程超過100mm。

$\phi 20, \phi 25$



$\phi 32 \sim \phi 50$



| 代號<br>內徑 | C   | D  | EE         | E1   | E2 | F  | G  | H   | K | KK          | LH   | N (固定孔)                    | PA   | PB  |
|----------|-----|----|------------|------|----|----|----|-----|---|-------------|------|----------------------------|------|-----|
| 12       | -   | 6  | M5×0.8     | 16.3 | 23 | 5  | -  | 4.5 | 3 | M3×0.5×7深   | -    | 6.5×4.5深, 4.3, M5×0.8×6深   | 7.5  | 5.5 |
| 16       | -   | 8  | M5×0.8     | 19.8 | 28 | 6  | -  | 4.5 | 3 | M4×0.7×7深   | -    | 6.5×4.5深, 4.3, M5×0.8×6深   | 8    | 6.5 |
| 20       | 1.5 | 10 | M5×0.8     | 24   | -  | 8  | 13 | 5.5 | 3 | M5×0.8×10深  | -    | 6.5×4.5深, 4.3, M5×0.8×7.5深 | 7.5  | -   |
| 25       | 2   | 12 | M5×0.8     | 28   | -  | 10 | 17 | 6   | 3 | M6×1×10深    | -    | 8×6深, 5.1, M6×1×9.5深       | 8    | -   |
| 32       | 3.3 | 16 | PT 1/8(註1) | 34   | -  | 14 | 22 | 7   | 3 | M8×1.25×12深 | 48.5 | 8×6深, 5.1, M6×1×8深         | 9    | -   |
| 40       | 3.3 | 16 | PT 1/8(註1) | 40   | -  | 14 | 28 | 7   | 3 | M8×1.25×12深 | 56.5 | 10.5×8深, 6.9, M8×1.25×10深  | 10   | -   |
| 50       | 4   | 20 | PT 1/4(註2) | 48   | -  | 17 | 38 | 9   | 3 | M10×1.5×15深 | 70   | 11×8.5深, 6.9, M8×1.25×10深  | 10.8 | -   |

註1：不附磁行程為5mm時，EE=M5×0.8

註2：不附磁行程為5mm時，EE=PT1/8

| 代號<br>內徑 | T  | V  | V1 | X   | Y    | Z   | 不附磁型 |      | 附磁型  |      |
|----------|----|----|----|-----|------|-----|------|------|------|------|
|          |    |    |    |     |      |     | S    | ZZ   | S    | ZZ   |
| 12       | -  | 25 | 32 | 3.2 | 6.3  | 1   | 20.5 | 25   | 25.5 | 30   |
| 16       | -  | 29 | 38 | 3.2 | 6.3  | 1   | 20.5 | 25   | 30.5 | 35   |
| 20       | -  | 34 | -  | 3.2 | 6.3  | 1   | 19.5 | 25   | 29.5 | 35   |
| 25       | -  | 40 | -  | 4.2 | 7.8  | 1   | 21   | 27   | 31   | 37   |
| 32       | 14 | 44 | -  | 4.2 | 7.8  | 1   | 24   | 31   | 34   | 41   |
| 40       | 14 | 52 | -  | 6.2 | 10.3 | 1.6 | 26.5 | 33.5 | 36.5 | 43.5 |
| 50       | 19 | 62 | -  | 6.2 | 10.8 | 1.6 | 28.6 | 37.6 | 38.6 | 47.6 |

### 單動型—標準行程表

| 氣缸內徑                          | 行程     |
|-------------------------------|--------|
| $\phi 12, 16, 20, 25, 32, 40$ | 5, 10  |
| $\phi 50$                     | 10, 20 |

單動型非標準行程者，尺寸另洽



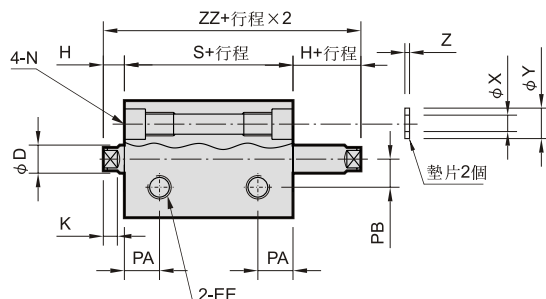
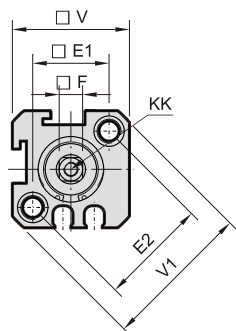


# MCJT 雙軸內牙型 / 外觀尺寸 $\phi 12 \sim \phi 100$

薄型 (治具) 氣壓缸



$\phi 12, \phi 16$



$\phi 12, \phi 16$  長行程 (無承窩孔)

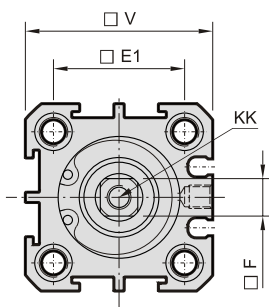


$\phi 20 \sim \phi 100$  長行程 (無承窩孔)

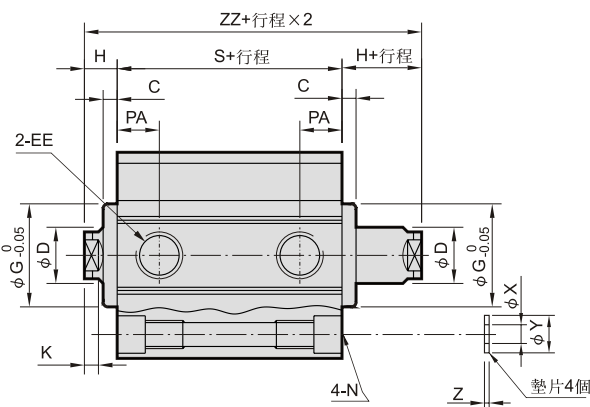
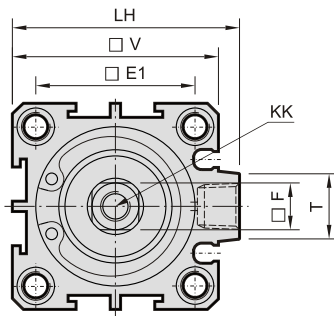


※ 附磁型：行程超過100mm。

$\phi 20, \phi 25$



$\phi 32 \sim \phi 100$



| 代號<br>內徑 | C   | D  | EE         | E1   | E2 | F  | G  | H   | K | KK          | LH   | N (固定孔)                      | PA   | PB  |
|----------|-----|----|------------|------|----|----|----|-----|---|-------------|------|------------------------------|------|-----|
| 12       | -   | 6  | M5×0.8     | 16.3 | 23 | 5  | -  | 4.5 | 3 | M3×0.5×7深   | -    | 6.5×4.5深, 4.3, M5×0.8×6深     | 7.5  | 5.5 |
| 16       | -   | 8  | M5×0.8     | 19.8 | 28 | 6  | -  | 4.5 | 3 | M4×0.7×7深   | -    | 6.5×4.5深, 4.3, M5×0.8×6深     | 8    | 6.5 |
| 20       | 1.5 | 10 | M5×0.8     | 24   | -  | 8  | 13 | 5.5 | 3 | M5×0.8×10深  | -    | 6.5×4.5深, 4.3, M5×0.8×7.5深   | 7.5  | -   |
| 25       | 2   | 12 | M5×0.8     | 28   | -  | 10 | 17 | 6   | 3 | M6×1×10深    | -    | 8×6深, 5.1, M6×1×9.5深         | 8    | -   |
| 32       | 3.3 | 16 | PT 1/8(註1) | 34   | -  | 14 | 22 | 7   | 3 | M8×1.25×12深 | 48.5 | 8×6深, 5.1, M6×1×8深           | 9    | -   |
| 40       | 3.3 | 16 | PT 1/8(註1) | 40   | -  | 14 | 28 | 7   | 3 | M8×1.25×12深 | 56.5 | 10.5×8深, 6.9, M8×1.25×10深    | 10   | -   |
| 50       | 4   | 20 | PT 1/4(註2) | 48   | -  | 17 | 38 | 9   | 3 | M10×1.5×15深 | 70   | 11×8.5深, 6.9, M8×1.25×10深    | 10.8 | -   |
| 63       | 4   | 20 | PT 1/4(註2) | 60   | -  | 17 | 40 | 9   | 3 | M10×1.5×15深 | 83   | 11×8.5深, 6.9, M8×1.25×10深    | 11   | -   |
| 80       | 5   | 25 | PT 3/8(註3) | 74   | -  | 22 | 45 | 11  | 4 | M14×2×20深   | 102  | 14×10.5深, 10.5, M12×1.75×12深 | 13   | -   |
| 100      | 3   | 30 | PT 3/8(註3) | 90   | -  | 27 | 45 | 9   | 4 | M18×2.5×20深 | 122  | 18.5×13深, 12.3, M14×2×15深    | 15   | -   |

註1：不附磁行程為5mm時，EE=M5×0.8

註2：不附磁行程為5mm時，EE=PT1/8

註3：不附磁行程為5mm時，EE=PT1/4

| 代號<br>內徑 | T  | V   | V1 | X    | Y    | Z   | 不附磁型 |      | 附磁型  |      |
|----------|----|-----|----|------|------|-----|------|------|------|------|
|          |    |     |    |      |      |     | S    | ZZ   | S    | ZZ   |
| 12       | -  | 25  | 32 | 3.2  | 6.3  | 1   | 20.5 | 29.5 | 25.5 | 34.5 |
| 16       | -  | 29  | 38 | 3.2  | 6.3  | 1   | 20.5 | 29.5 | 30.5 | 39.5 |
| 20       | -  | 34  | -  | 3.2  | 6.3  | 1   | 19.5 | 30.5 | 29.5 | 40.5 |
| 25       | -  | 40  | -  | 4.2  | 7.8  | 1   | 21   | 33   | 31   | 43   |
| 32       | 14 | 44  | -  | 4.2  | 7.8  | 1   | 24   | 38   | 34   | 48   |
| 40       | 14 | 52  | -  | 6.2  | 10.3 | 1.6 | 26.5 | 40.5 | 36.5 | 50.5 |
| 50       | 19 | 62  | -  | 6.2  | 10.8 | 1.6 | 28.6 | 46.6 | 38.6 | 56.6 |
| 63       | 20 | 75  | -  | 6.2  | 10.8 | 1.6 | 32.5 | 50.5 | 42.5 | 60.5 |
| 80       | 27 | 94  | -  | 8.2  | 13.8 | 1.6 | 41   | 63   | 51   | 73   |
| 100      | 26 | 114 | -  | 10.2 | 17.3 | 2   | 45   | 63   | 55   | 73   |

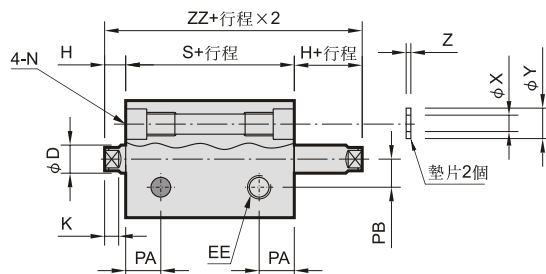
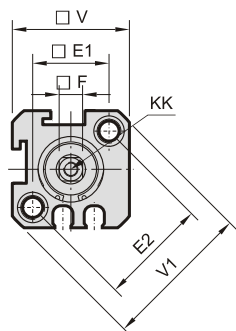


# MCJT 單動雙軸型 / 外觀尺寸 $\phi 12 \sim \phi 50$

薄型（治具）氣壓缸



$\phi 12, \phi 16$



$\phi 12, \phi 16$  長行程(無承窩孔)

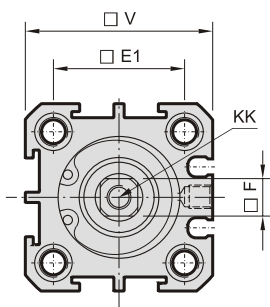


$\phi 20 \sim \phi 50$  長行程(無承窩孔)

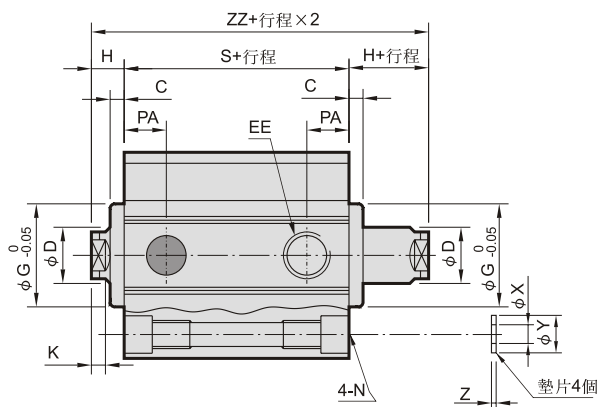
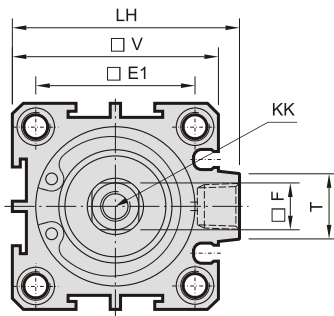


※ 附磁型：行程超過100mm。

$\phi 20, \phi 25$



$\phi 32 \sim \phi 50$



| 代號<br>內徑 | C   | D  | EE         | E1   | E2 | F  | G  | H   | K | KK          | LH   | N (固定孔)                    | PA   | PB  |
|----------|-----|----|------------|------|----|----|----|-----|---|-------------|------|----------------------------|------|-----|
| 12       | -   | 6  | M5×0.8     | 16.3 | 23 | 5  | -  | 4.5 | 3 | M3×0.5×7深   | -    | 6.5×4.5深, 4.3, M5×0.8×6深   | 7.5  | 5.5 |
| 16       | -   | 8  | M5×0.8     | 19.8 | 28 | 6  | -  | 4.5 | 3 | M4×0.7×7深   | -    | 6.5×4.5深, 4.3, M5×0.8×6深   | 8    | 6.5 |
| 20       | 1.5 | 10 | M5×0.8     | 24   | -  | 8  | 13 | 5.5 | 3 | M5×0.8×10深  | -    | 6.5×4.5深, 4.3, M5×0.8×7.5深 | 7.5  | -   |
| 25       | 2   | 12 | M5×0.8     | 28   | -  | 10 | 17 | 6   | 3 | M6×1×10深    | -    | 8×6深, 5.1, M6×1×9.5深       | 8    | -   |
| 32       | 3.3 | 16 | PT 1/8(註1) | 34   | -  | 14 | 22 | 7   | 3 | M8×1.25×12深 | 48.5 | 8×6深, 5.1, M6×1×8深         | 9    | -   |
| 40       | 3.3 | 16 | PT 1/8(註1) | 40   | -  | 14 | 28 | 7   | 3 | M8×1.25×12深 | 56.5 | 10.5×8深, 6.9, M8×1.25×10深  | 10   | -   |
| 50       | 4   | 20 | PT 1/4(註2) | 48   | -  | 17 | 38 | 9   | 3 | M10×1.5×15深 | 70   | 11×8.5深, 6.9, M8×1.25×10深  | 10.8 | -   |

註1：不附磁行程為5mm時，EE=M5×0.8

註2：不附磁行程為5mm時，EE=PT1/8

| 代號<br>內徑 | T  | V  | V1 | X   | Y    | Z   | 不附磁型 |      | 附磁型  |      |
|----------|----|----|----|-----|------|-----|------|------|------|------|
|          |    |    |    |     |      |     | S    | ZZ   | S    | ZZ   |
| 12       | -  | 25 | 32 | 3.2 | 6.3  | 1   | 20.5 | 29.5 | 25.5 | 34.5 |
| 16       | -  | 29 | 38 | 3.2 | 6.3  | 1   | 20.5 | 29.5 | 30.5 | 39.5 |
| 20       | -  | 34 | -  | 3.2 | 6.3  | 1   | 19.5 | 30.5 | 29.5 | 40.5 |
| 25       | -  | 40 | -  | 4.2 | 7.8  | 1   | 21   | 33   | 31   | 43   |
| 32       | 14 | 44 | -  | 4.2 | 7.8  | 1   | 24   | 38   | 34   | 48   |
| 40       | 14 | 52 | -  | 6.2 | 10.3 | 1.6 | 26.5 | 40.5 | 36.5 | 50.5 |
| 50       | 19 | 62 | -  | 6.2 | 10.8 | 1.6 | 28.6 | 46.6 | 38.6 | 56.6 |

## 單動型—標準行程表

| 氣缸內徑                          | 行程     |
|-------------------------------|--------|
| $\phi 12, 16, 20, 25, 32, 40$ | 5, 10  |
| $\phi 50$                     | 10, 20 |

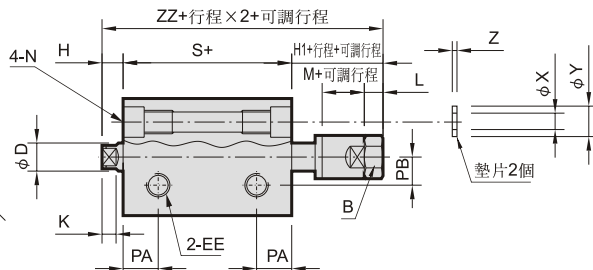
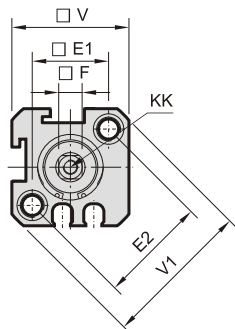
單動型非標準行程者，尺寸另洽

# MCJT 雙軸可調型 / 外觀尺寸 $\phi 12 \sim \phi 100$

薄型 (治具) 氣壓缸



$\phi 12, \phi 16$



$\phi 12, \phi 16$  長行程 (無承窩孔)

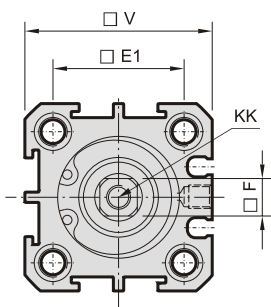


$\phi 20 \sim \phi 100$  長行程 (無承窩孔)

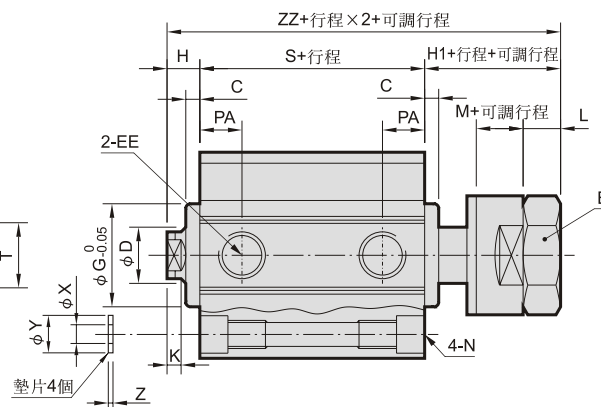
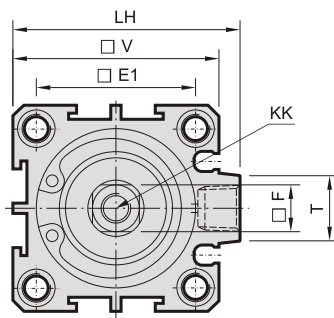


※ 附磁型：行程超過100mm。

$\phi 20, \phi 25$



$\phi 32 \sim \phi 100$



| 代號<br>內徑 | B  | C   | D  | EE         | E1   | E2 | F  | G  | H   | H1   | K | KK          | L  | LH   | M  | N (固定孔)                      |
|----------|----|-----|----|------------|------|----|----|----|-----|------|---|-------------|----|------|----|------------------------------|
| 12       | 8  | -   | 6  | M5×0.8     | 16.3 | 23 | 5  | -  | 4.5 | 19.5 | 3 | M3×0.5×7深   | 4  | -    | 13 | 6.5×4.5深, 4.3, M5×0.8×6深     |
| 16       | 13 | -   | 8  | M5×0.8     | 19.8 | 28 | 6  | -  | 4.5 | 22.5 | 3 | M4×0.7×7深   | 5  | -    | 15 | 6.5×4.5深, 4.3, M5×0.8×6深     |
| 20       | 13 | 1.5 | 10 | M5×0.8     | 24   | -  | 8  | 13 | 5.5 | 25.5 | 3 | M5×0.8×10深  | 5  | -    | 15 | 6.5×4.5深, 4.3, M5×0.8×7.5深   |
| 25       | 17 | 2   | 12 | M5×0.8     | 28   | -  | 10 | 17 | 6   | 26   | 3 | M6×1×10深    | 6  | -    | 12 | 8×6深, 5.1, M6×1×9.5深         |
| 32       | 19 | 3.3 | 16 | PT 1/8(註1) | 34   | -  | 14 | 22 | 7   | 28   | 3 | M8×1.25×12深 | 7  | 48.5 | 12 | 8×6深, 5.1, M6×1×8深           |
| 40       | 19 | 3.3 | 16 | PT 1/8(註1) | 40   | -  | 14 | 28 | 7   | 28.3 | 3 | M8×1.25×12深 | 7  | 56.5 | 12 | 10.5×8深, 6.9, M8×1.25×10深    |
| 50       | 24 | 4   | 20 | PT 1/4(註2) | 48   | -  | 17 | 38 | 9   | 31   | 3 | M10×1.5×15深 | 8  | 70   | 15 | 11×8.5深, 6.9, M8×1.25×10深    |
| 63       | 24 | 4   | 20 | PT 1/4(註2) | 60   | -  | 17 | 40 | 9   | 31   | 3 | M10×1.5×15深 | 8  | 83   | 15 | 11×8.5深, 6.9, M8×1.25×10深    |
| 80       | 32 | 5   | 25 | PT 3/8(註3) | 74   | -  | 22 | 45 | 11  | 44   | 4 | M14×2×20深   | 13 | 102  | 20 | 14×10.5深, 10.5, M12×1.75×12深 |
| 100      | 32 | 3   | 30 | PT 3/8(註3) | 90   | -  | 27 | 45 | 9   | 40   | 4 | M18×2.5×20深 | 13 | 122  | 20 | 18.5×13深, 12.3, M14×2×15深    |

註1：不附磁行程為5mm時，EE=M5×0.8

註2：不附磁行程為5mm時，EE=PT1/8

註3：不附磁行程為5mm時，EE=PT1/4

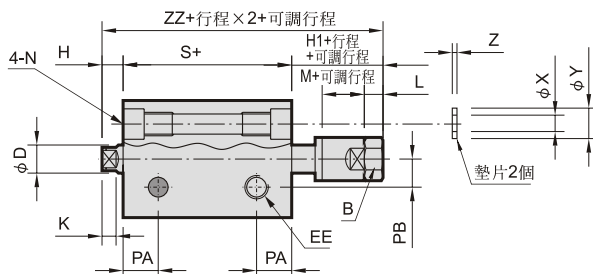
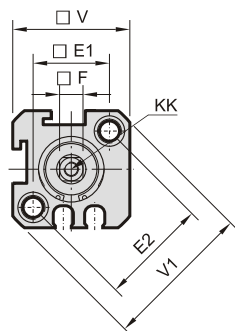
| 代號<br>內徑 | PA   | PB  | T  | V   | X    | Y    | Z   | 不附磁型 |      | 附磁型  |      |
|----------|------|-----|----|-----|------|------|-----|------|------|------|------|
|          |      |     |    |     |      |      |     | S    | ZZ   | S    | ZZ   |
| 12       | 7.5  | 5.5 | -  | 25  | 3.2  | 6.3  | 1   | 20.5 | 44.5 | 25.5 | 49.5 |
| 16       | 8    | 6.5 | -  | 29  | 3.2  | 6.3  | 1   | 20.5 | 47.5 | 30.5 | 57.5 |
| 20       | 7.5  | -   | -  | 34  | 3.2  | 6.3  | 1   | 19.5 | 50.5 | 29.5 | 60.5 |
| 25       | 8    | -   | -  | 40  | 4.2  | 7.8  | 1   | 21   | 53   | 31   | 63   |
| 32       | 9    | -   | 14 | 44  | 4.2  | 7.8  | 1   | 24   | 59   | 34   | 69   |
| 40       | 10   | -   | 14 | 52  | 6.2  | 10.3 | 1.6 | 26.5 | 61.8 | 36.5 | 71.8 |
| 50       | 10.8 | -   | 19 | 62  | 6.2  | 10.8 | 1.6 | 28.6 | 58.6 | 38.6 | 78.6 |
| 63       | 11   | -   | 20 | 75  | 6.2  | 10.8 | 1.6 | 32.5 | 72.5 | 42.5 | 82.5 |
| 80       | 13   | -   | 27 | 94  | 8.2  | 13.8 | 1.6 | 41   | 96   | 51   | 106  |
| 100      | 15   | -   | 26 | 114 | 10.2 | 17.3 | 2   | 45.5 | 94   | 55.5 | 104  |

# MCJT 單動雙軸可調型 / 外觀尺寸 $\phi 12 \sim \phi 50$

薄型 (治具) 氣壓缸



$\phi 12, \phi 16$



$\phi 12, \phi 16$  長行程 (無承窩孔)

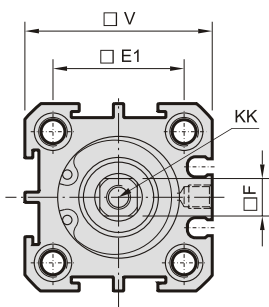


$\phi 20 \sim \phi 50$  長行程 (無承窩孔)

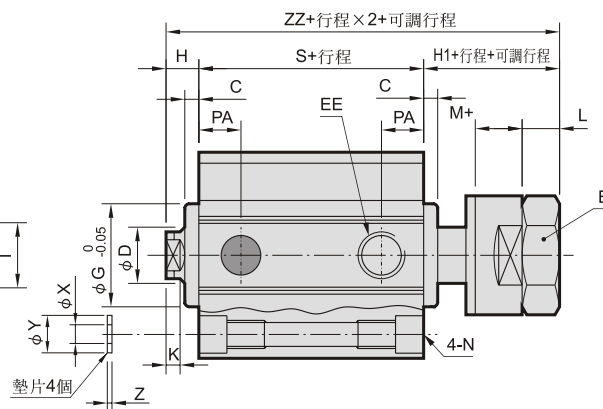
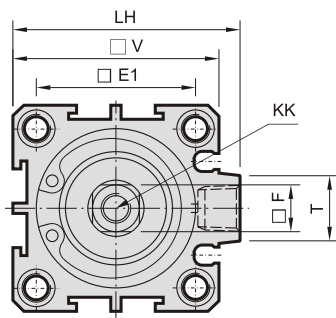


※ 附磁型：行程超過100mm。

$\phi 20, \phi 25$



$\phi 32 \sim \phi 50$



| 代號<br>內徑 | B  | C   | D  | EE         | E1   | E2 | F  | G  | H   | H1   | K | KK          | L | LH   | M  | N (固定孔)                    |
|----------|----|-----|----|------------|------|----|----|----|-----|------|---|-------------|---|------|----|----------------------------|
| 12       | 8  | -   | 6  | M5×0.8     | 16.3 | 23 | 5  | -  | 4.5 | 19.5 | 3 | M3×0.5×7深   | 4 | -    | 13 | 6.5×4.5深, 4.3, M5×0.8×6深   |
| 16       | 13 | -   | 8  | M5×0.8     | 19.8 | 28 | 6  | -  | 4.5 | 22.5 | 3 | M4×0.7×7深   | 5 | -    | 15 | 6.5×4.5深, 4.3, M5×0.8×6深   |
| 20       | 13 | 1.5 | 10 | M5×0.8     | 24   | -  | 8  | 13 | 5.5 | 25.5 | 3 | M5×0.8×10深  | 5 | -    | 15 | 6.5×4.5深, 4.3, M5×0.8×7.5深 |
| 25       | 17 | 2   | 12 | M5×0.8     | 28   | -  | 10 | 17 | 6   | 26   | 3 | M6×1×10深    | 6 | -    | 12 | 8×6深, 5.1, M6×1×9.5深       |
| 32       | 19 | 3.3 | 16 | PT 1/8(註1) | 34   | -  | 14 | 22 | 7   | 28   | 3 | M8×1.25×12深 | 7 | 48.5 | 12 | 8×6深, 5.1, M6×1×8深         |
| 40       | 19 | 3.3 | 16 | PT 1/8(註1) | 40   | -  | 14 | 28 | 7   | 28.3 | 3 | M8×1.25×12深 | 7 | 56.5 | 12 | 10.5×8深, 6.9, M8×1.25×10深  |
| 50       | 24 | 4   | 20 | PT 1/4(註2) | 48   | -  | 17 | 38 | 9   | 31   | 3 | M10×1.5×15深 | 8 | 70   | 15 | 11×8.5深, 6.9, M8×1.25×10深  |

註1：不附磁行程為5mm時，EE=M5×0.8

註2：不附磁行程為5mm時，EE=PT1/8

| 代號<br>內徑 | PA   | PB  | T  | V  | X   | Y    | Z   | 不附磁型 |      | 附磁型  |      |
|----------|------|-----|----|----|-----|------|-----|------|------|------|------|
|          |      |     |    |    |     |      |     | S    | ZZ   | S    | ZZ   |
| 12       | 7.5  | 5.5 | -  | 25 | 3.2 | 6.3  | 1   | 20.5 | 44.5 | 25.5 | 49.5 |
| 16       | 8    | 6.5 | -  | 29 | 3.2 | 6.3  | 1   | 20.5 | 47.5 | 30.5 | 57.5 |
| 20       | 7.5  | -   | -  | 34 | 3.2 | 6.3  | 1   | 19.5 | 50.5 | 29.5 | 60.5 |
| 25       | 8    | -   | -  | 40 | 4.2 | 7.8  | 1   | 21   | 53   | 31   | 63   |
| 32       | 9    | -   | 14 | 44 | 4.2 | 7.8  | 1   | 24   | 59   | 34   | 69   |
| 40       | 10   | -   | 14 | 52 | 6.2 | 10.3 | 1.6 | 26.5 | 61.8 | 36.5 | 71.8 |
| 50       | 10.8 | -   | 19 | 62 | 6.2 | 10.8 | 1.6 | 28.6 | 58.6 | 38.6 | 78.6 |

## 單動型—標準行程表

| 氣缸內徑                          | 行程 (mm) |
|-------------------------------|---------|
| $\phi 12, 16, 20, 25, 32, 40$ | 5, 10   |
| $\phi 50$                     | 10, 20  |

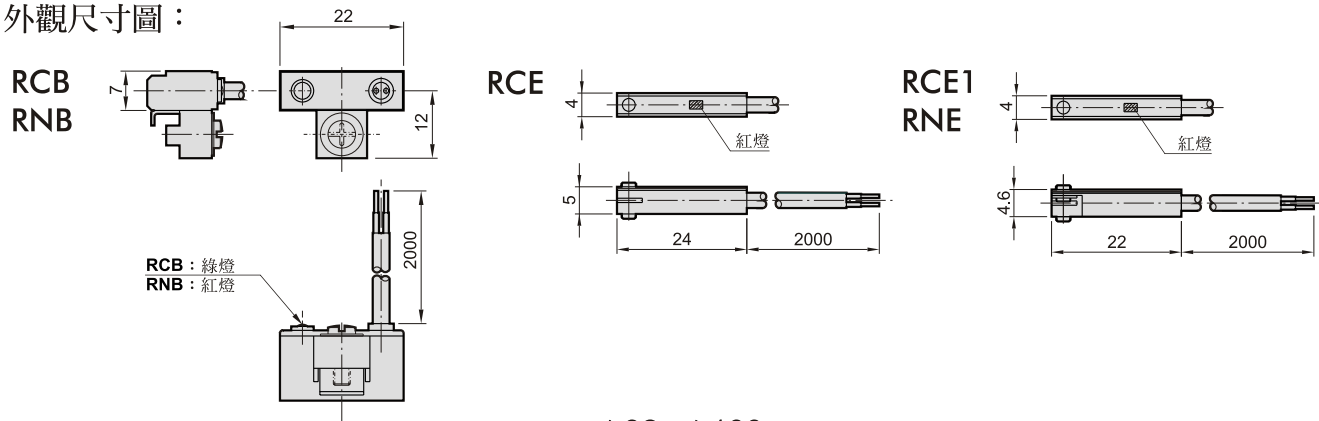
單動型非標準行程者，尺寸另洽。

# MCJT 感應開關 $\phi 12 \sim \phi 100$

薄型 (治具) 氣壓缸

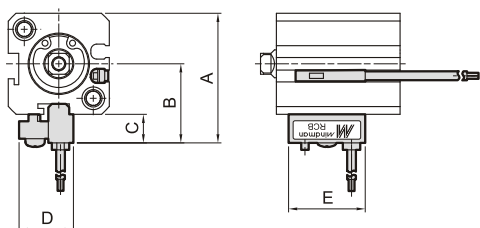


外觀尺寸圖：

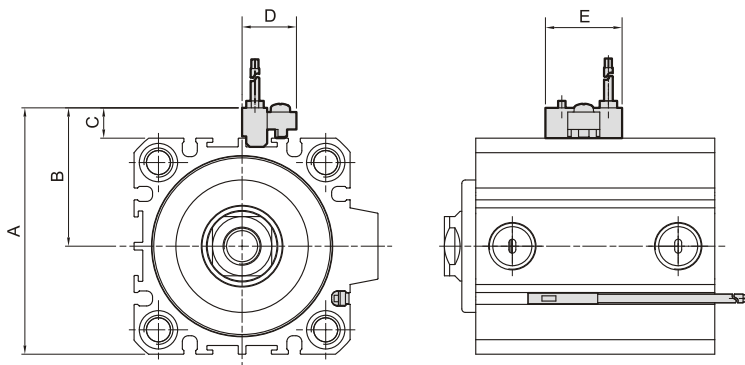


感應開關安裝：

$\phi 12, \phi 16$



$\phi 32 \sim \phi 100$



訂購代號：

RCB — □

型號

RCB / RCE / RCE1 (C:有接點)  
RNB / RNE (N:無接點)

無：出線型  
QD：端子型

| 代號<br>內徑 | A    | B    | C   | D  | E  |
|----------|------|------|-----|----|----|
| 12       | 33.5 | 21.5 | 8.5 | 16 | 22 |
| 16       | 37.5 | 23   | 8.5 | 16 | 22 |
| 20       | 42.5 | 25.5 | 8.5 | 16 | 22 |
| 25       | 49   | 29   | 9   | 16 | 22 |
| 32       | 53   | 31   | 9   | 16 | 22 |

| 代號<br>內徑 | A   | B    | C | D  | E  |
|----------|-----|------|---|----|----|
| 40       | 61  | 35   | 9 | 16 | 22 |
| 50       | 71  | 40   | 9 | 16 | 22 |
| 63       | 84  | 46.5 | 9 | 16 | 22 |
| 80       | 103 | 56   | 9 | 16 | 22 |
| 100      | 123 | 66   | 9 | 16 | 22 |

感應開關固定面：

記號說明

▼ 可裝設 RCB 溝槽



進出氣口方向



▽ 可裝設 RCE, RCE1 溝槽

$\phi 20, \phi 25$

$\phi 32, \phi 40$

$\phi 50 \sim \phi 100$

$\phi 12, \phi 16$

