



ADQ3 系列 三爪機械夾



產品特性

- 楔形滑塊式
- 三爪中心夾持
- 出力大，穩定性佳

產品規格

型號	ADQ3-16	ADQ3-20	ADQ3-25	ADQ3-32	ADQ3-40	ADQ3-50	ADQ3-63	ADQ3-80	ADQ3-100	
項目\缸徑 mm	ø16	ø20	ø25	ø32	ø40	ø50	ø63	ø80	ø100	
作動形式	複動型									
使用流體	空氣									
使用壓力範圍 kgf/cm ² (kPa)	3~7 (300~700)									
使用溫度範圍 °C	0~60									
重覆精度 mm	±0.01									
最高作動頻度 次/min	120			60			30			
潤滑	自由供給方式									
夾持力	外徑夾持力 N	14	25	30	70	131	282	446	578	946
	內徑夾持力 N	16	28	35	82	149	314	496	641	1009
夾爪開閉行程 mm	4	4	6	8	8	12	16	20	24	
配管接頭口徑	側面	M3X0.5P			M5X0.8P			PT1/8	PT1/4	
	底部	-			M5X0.8P			PT1/8	PT1/8	
磁石裝置	附磁石									
重量 kg	0.06	0.098	0.146	0.295	0.378	0.561	1.032	1.768	3.224	

註：夾持力為壓力5kgf/cm²，夾持點=20mm之數值。



訂購代號

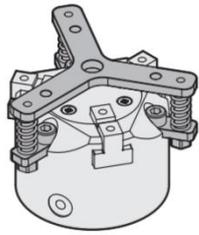
ADQ3-25-P-AMS-L-2

① ② ③ ④

①

代號	缸徑 mm
16	ø16
20	ø20
25	ø25
32	ø32
40	ø40
50	ø50
63	ø63
80	ø80
100	ø100

②

代號	頂料模組
無記號	不附頂料模組
P	

註：ADQ3-16、ADQ3-20無頂料模組

③

AMS-

型號:

M-二線式無接點

N-三線式無接點(NPN)

P-三線式無接點(PNP)

電線長度-L: 2000mm



L-出線為水平(直的)

V-出線為垂直(90°)

④

代號	感測器數量
1	附1個
2	附2個

數據表

型號	最小動作壓力 kgf/cm ²	氣爪上螺紋孔 mm	有效夾持力 N	
			開	閉
ADQ3-16	2.2	4-M3x0.5Px4dp	16	14
			28	25
ADQ3-20	2.2	4-M3x0.5Px6dp	35	30
			82	70
ADQ3-25	2.2	4-M3x0.5Px6dp	149	131
			314	282
ADQ3-32	1.5	4-M4x0.7Px8dp	496	446
			641	578
ADQ3-40	1.5	4-M4x0.7Px9dp	1009	946
ADQ3-50	1.5	4-M5x0.8Px10dp		
ADQ3-63	1.5	4-M5x0.8Px10dp		
ADQ3-80	1.5	4-M6x1.0Px12dp		
ADQ3-100	1.5	4-M8x1.5Px16dp		

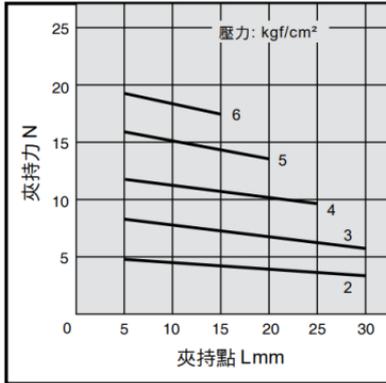
註：有效夾持力為壓力5kgf/cm²，爪臂把持點長度為20mm時，開或關之理論值。



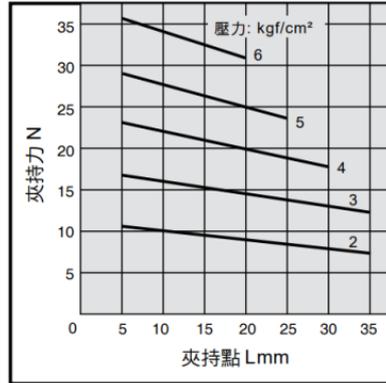
夾持力特性圖

■ 外徑夾持力

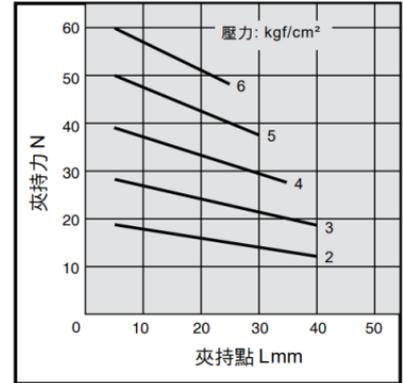
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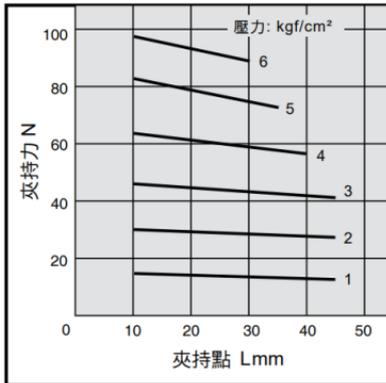
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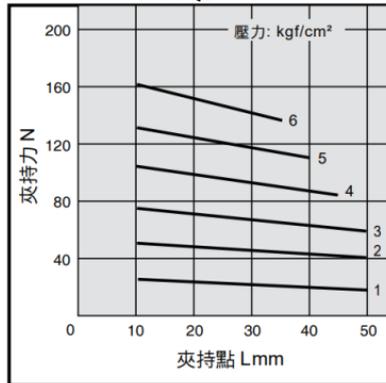
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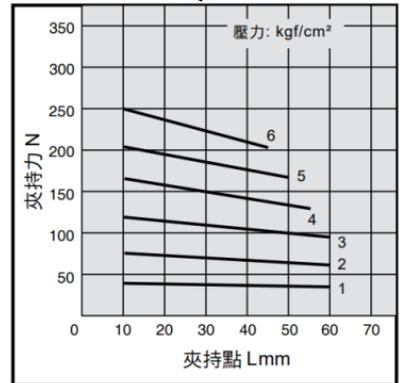
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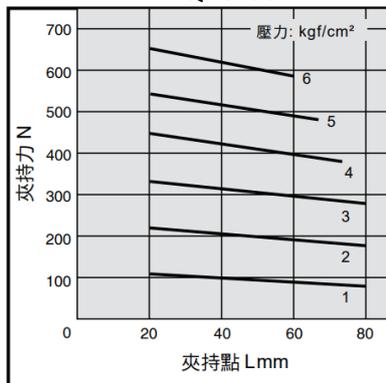
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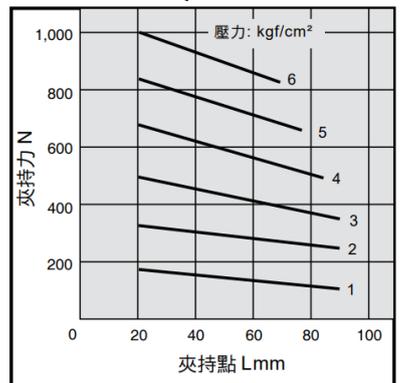
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AQD3-80



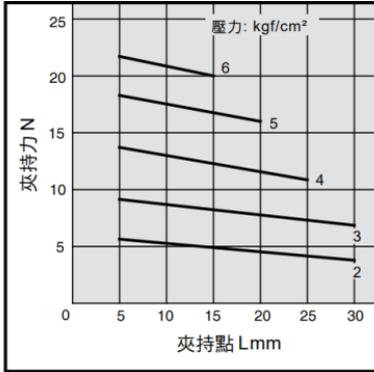
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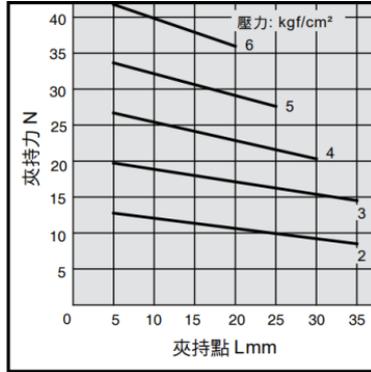


■ 內徑夾持力

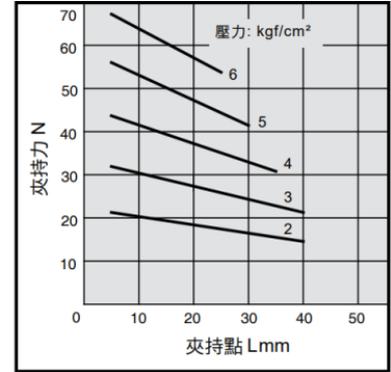
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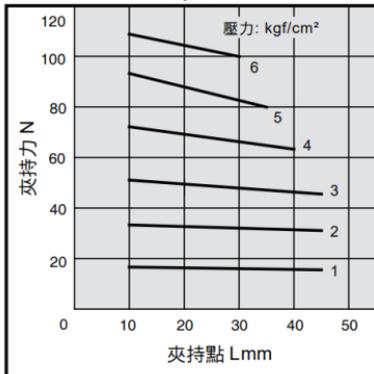
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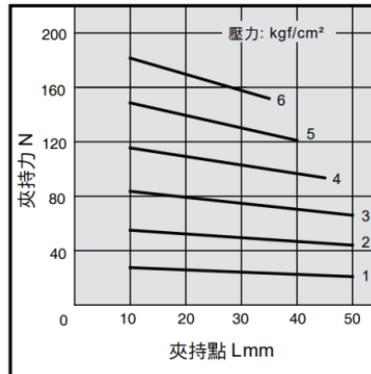
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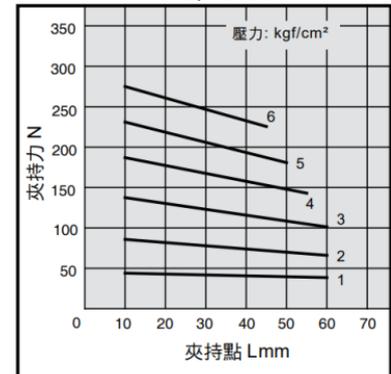
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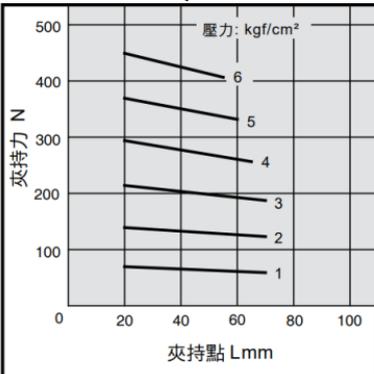
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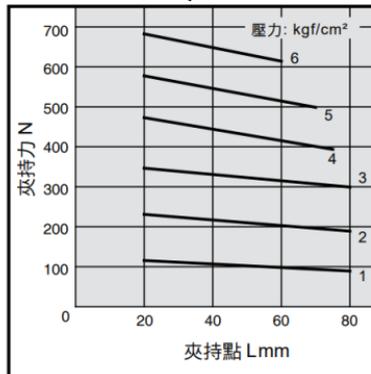
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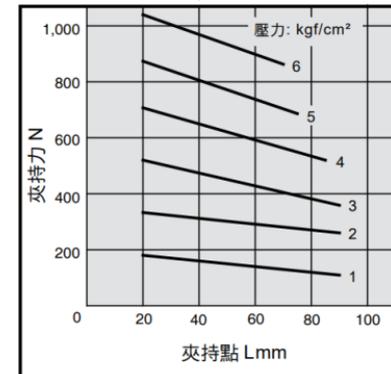
AQD3-63



AQD3-80



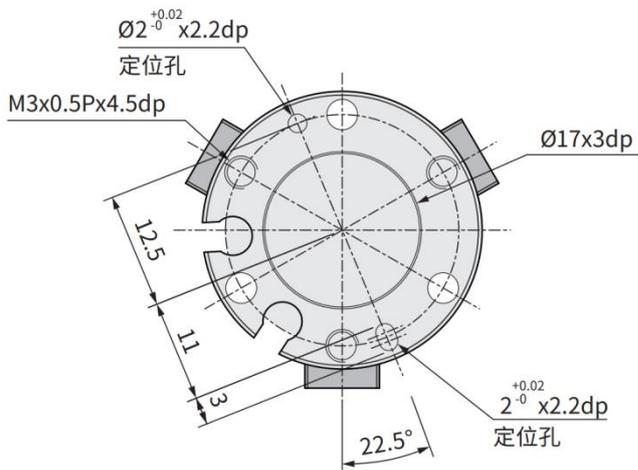
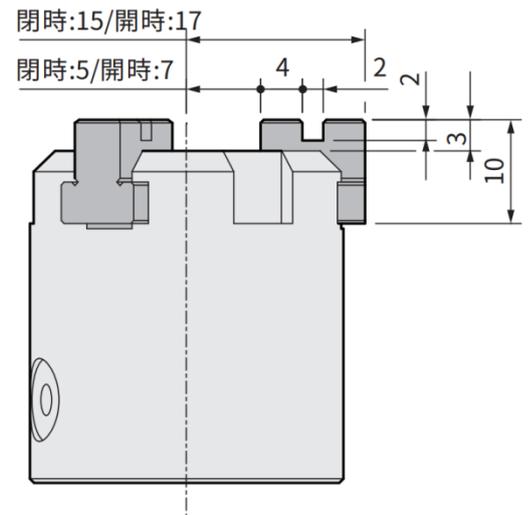
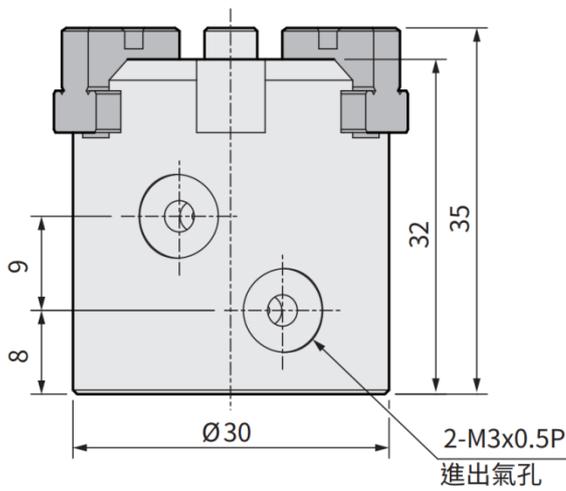
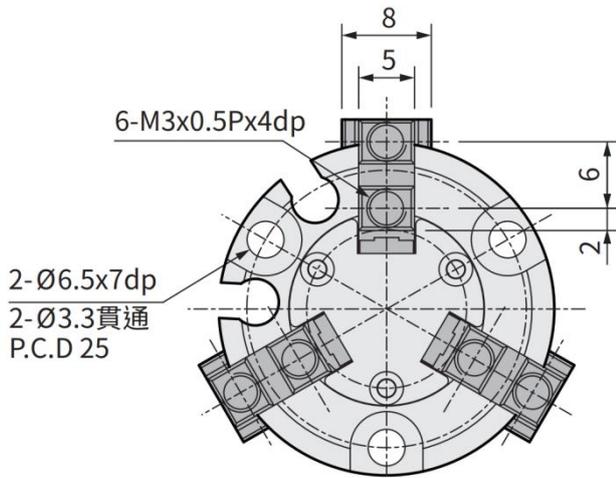
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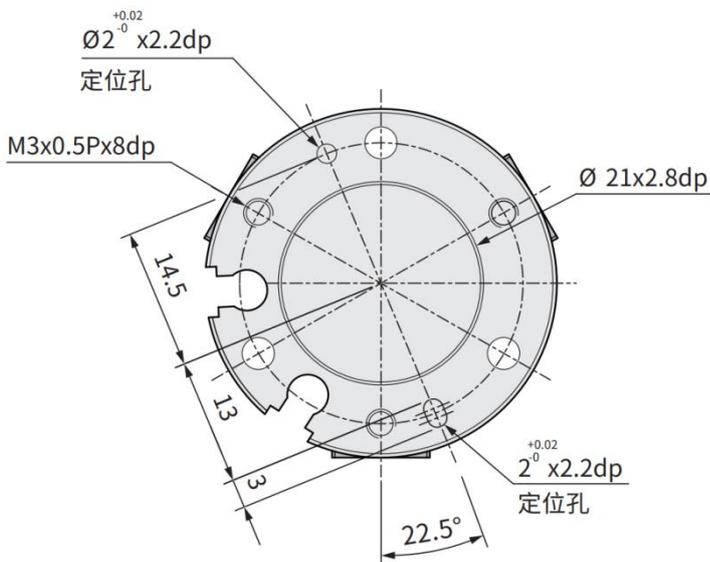
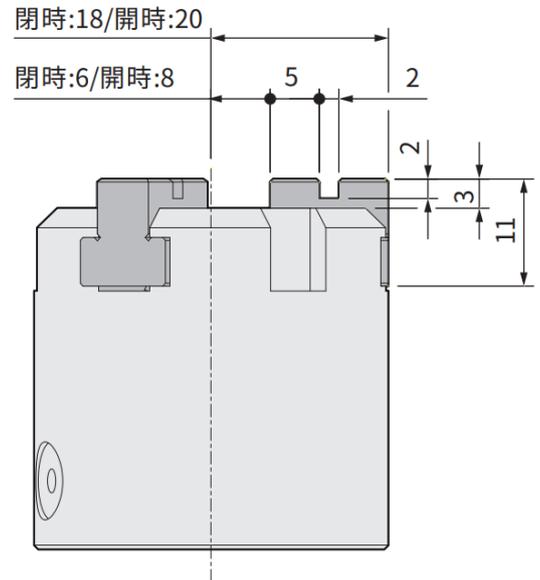
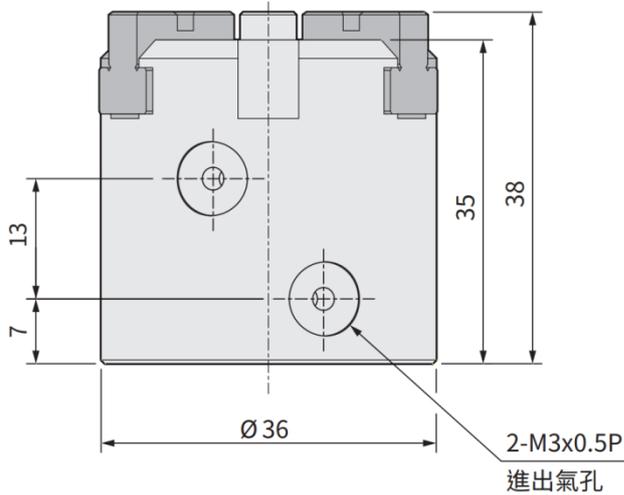
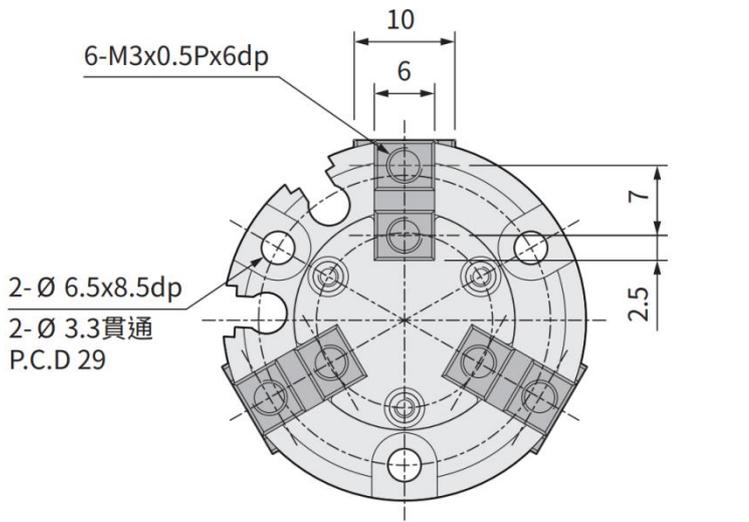
外觀尺寸

■ ADQ3-16



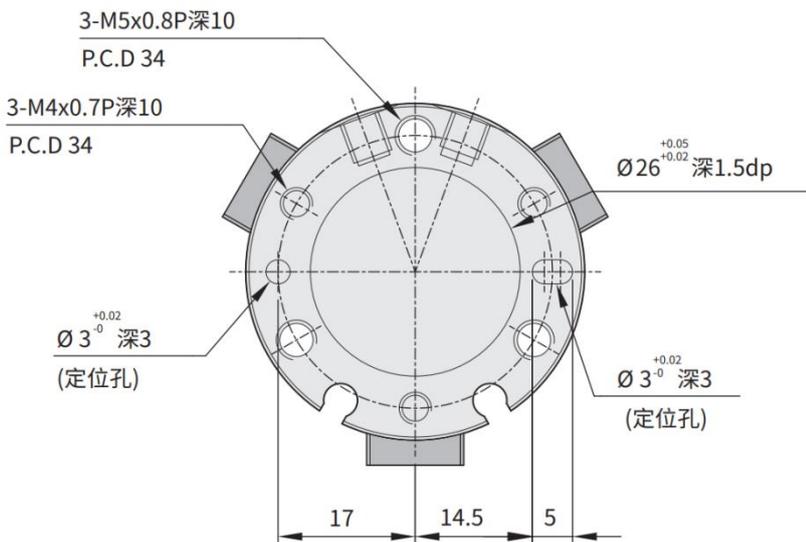
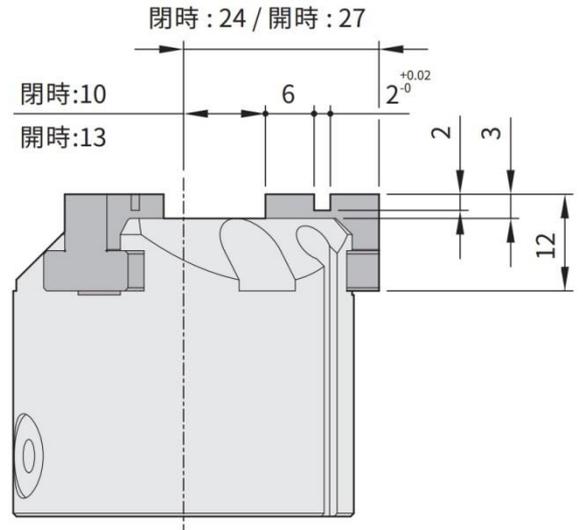
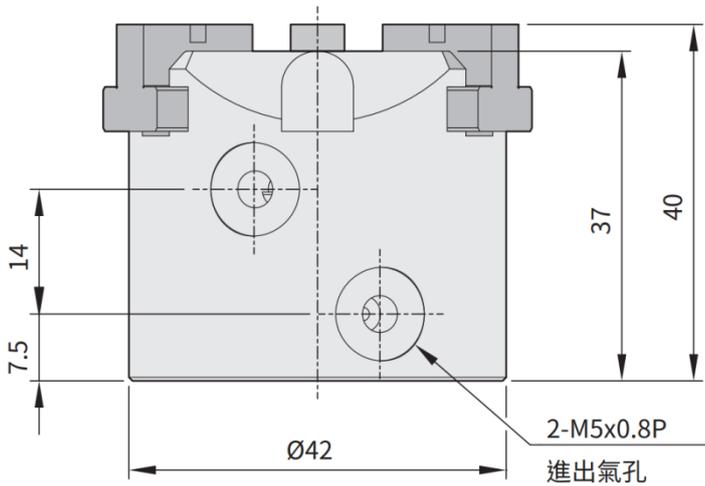
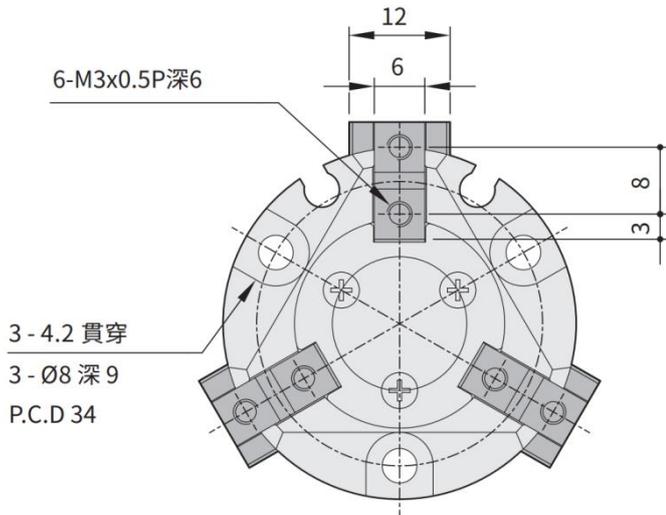


■ ADQ3-20



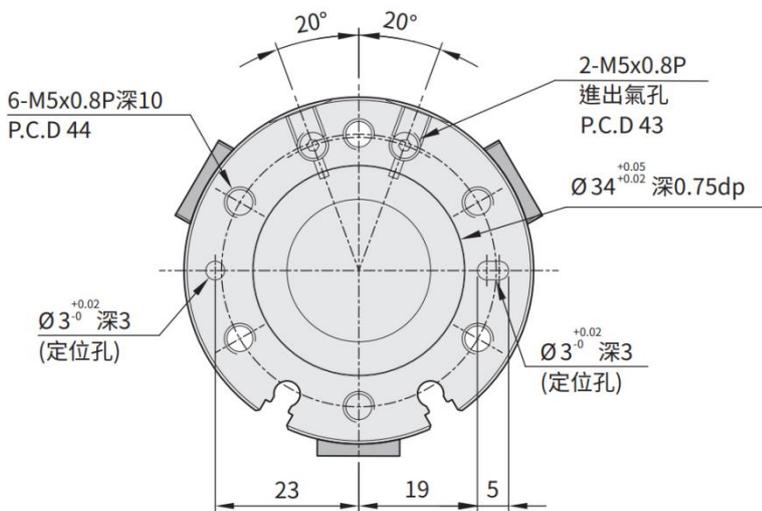
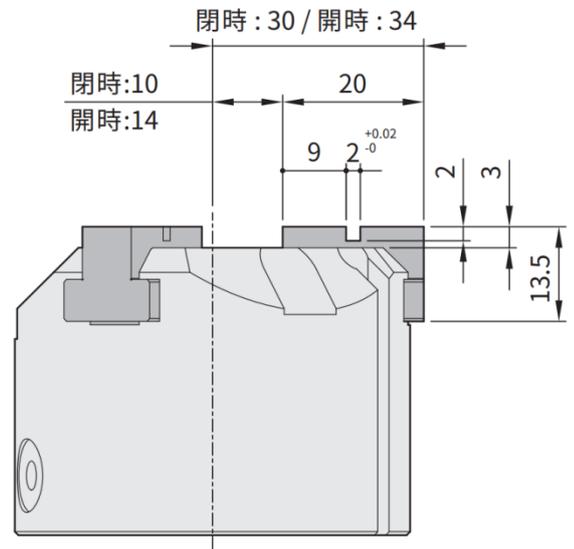
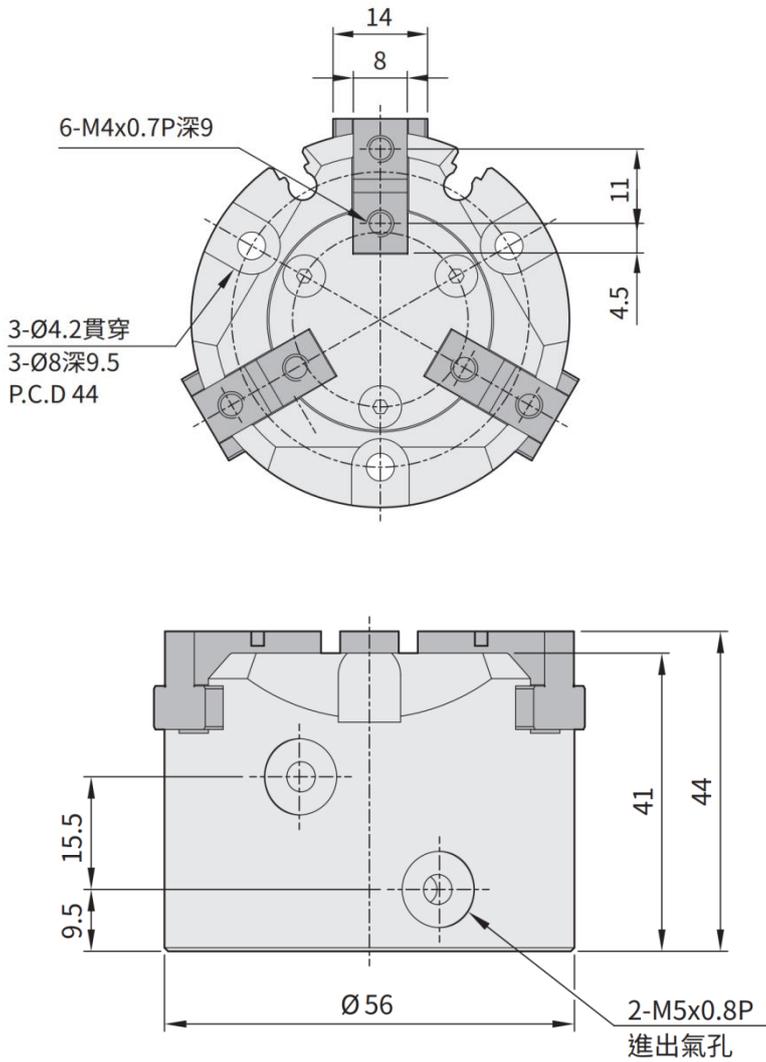


■ ADQ3-25



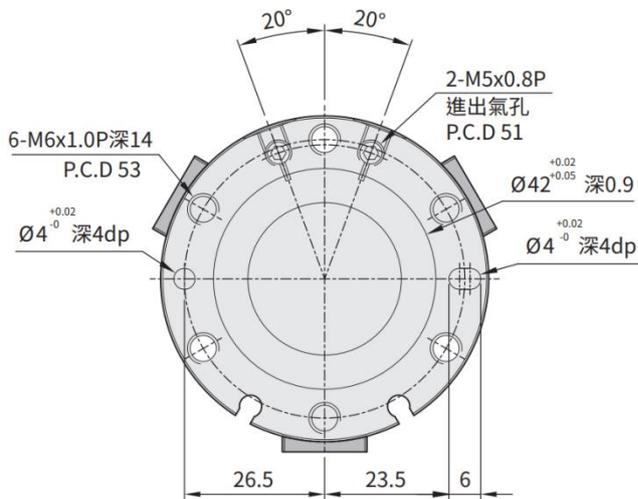
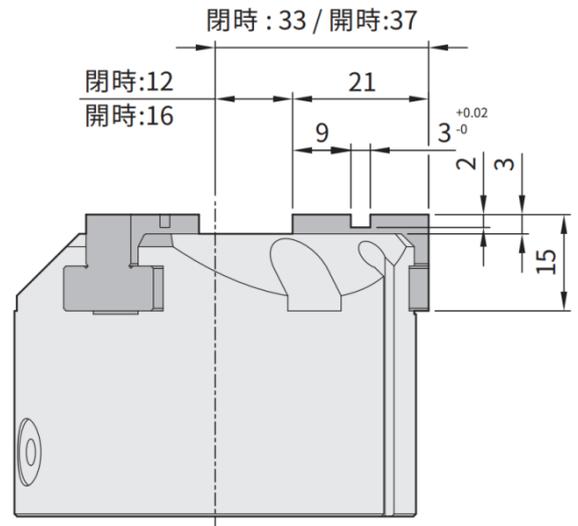
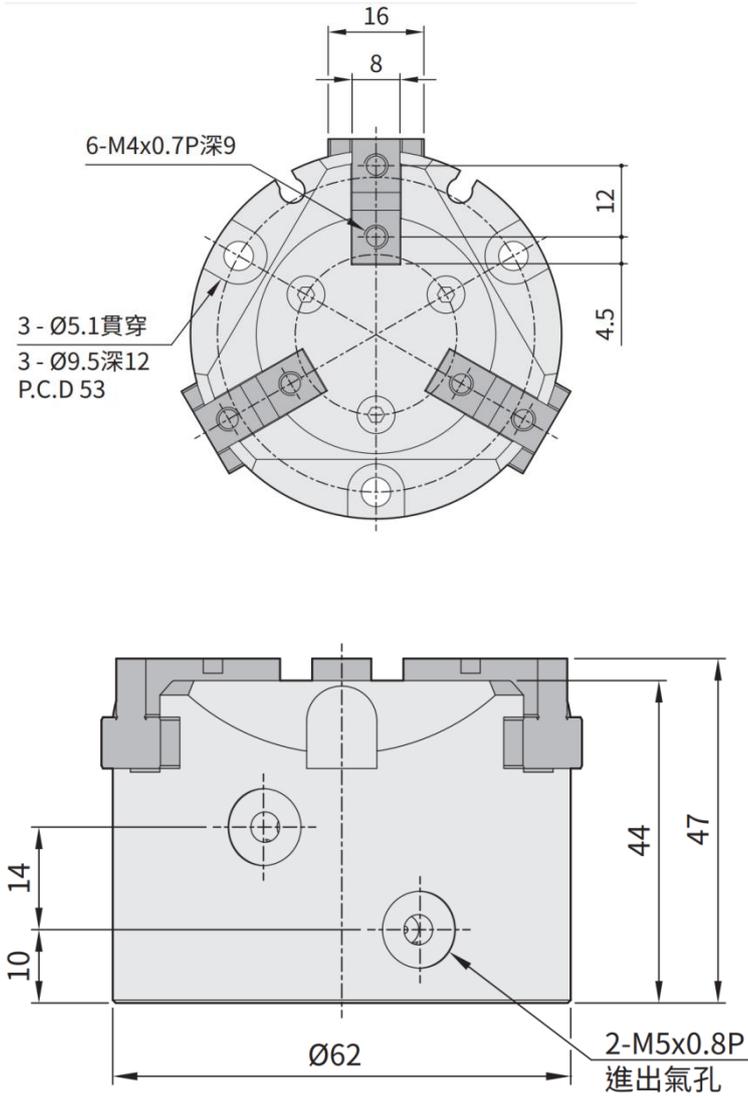


■ ADQ3-32



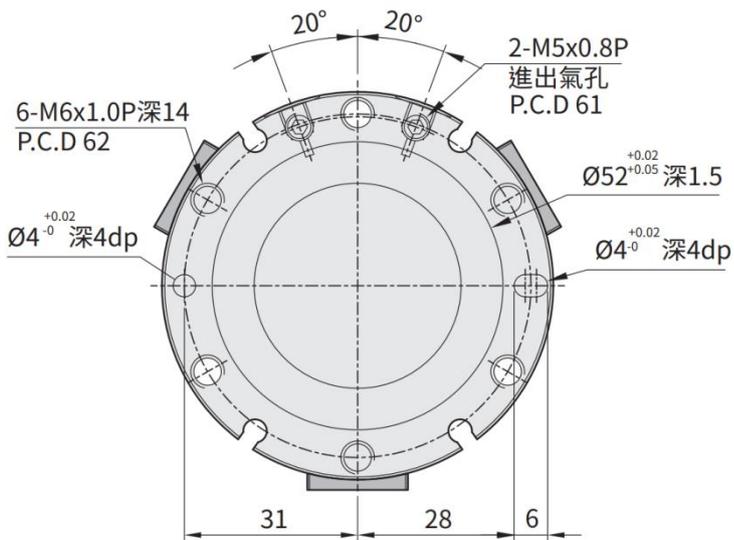
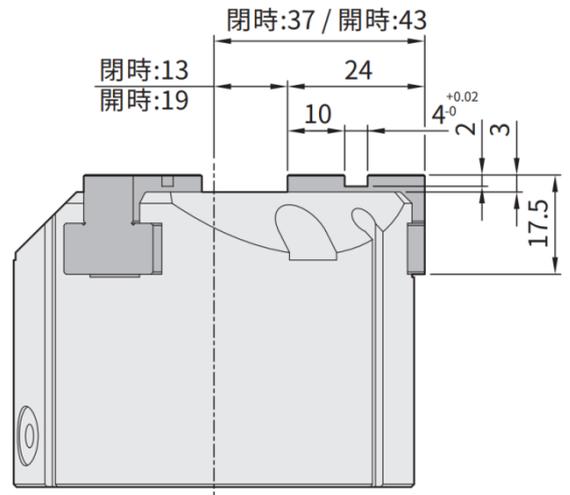
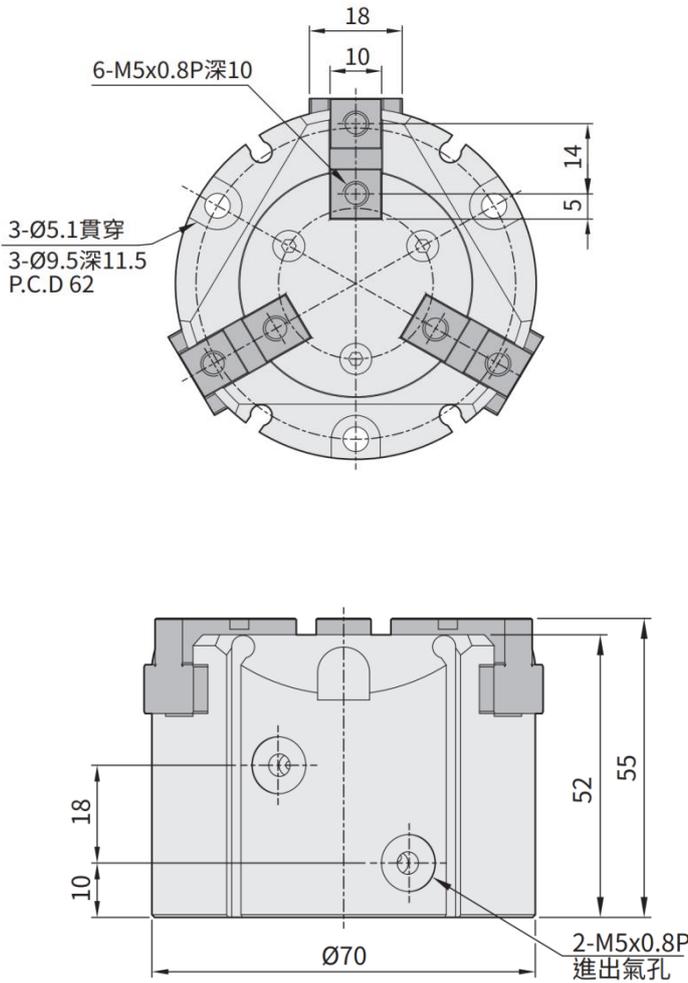


■ ADQ3-40



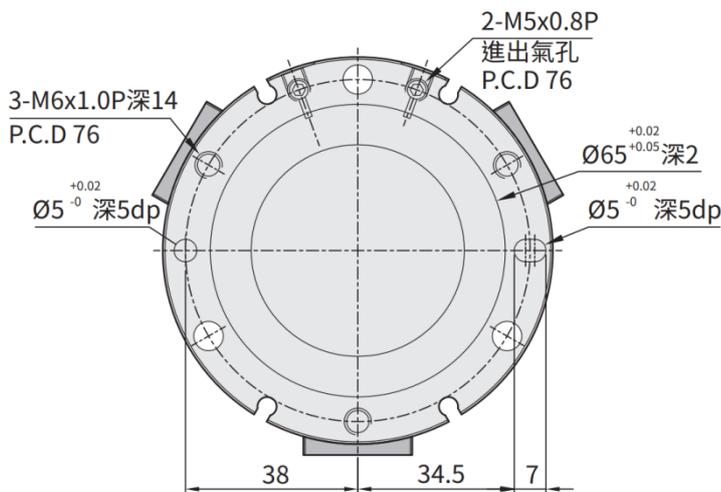
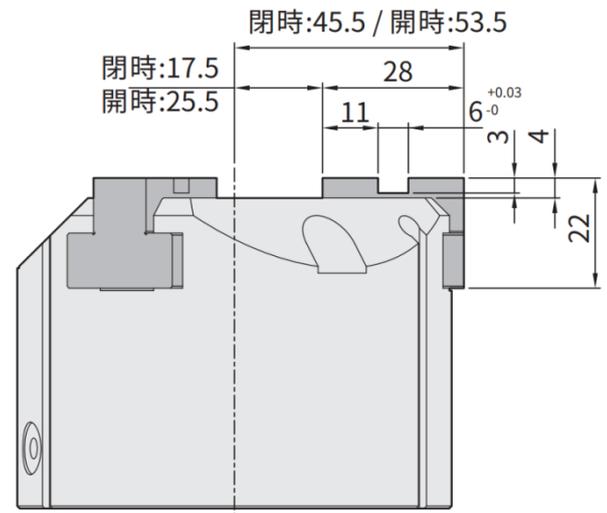
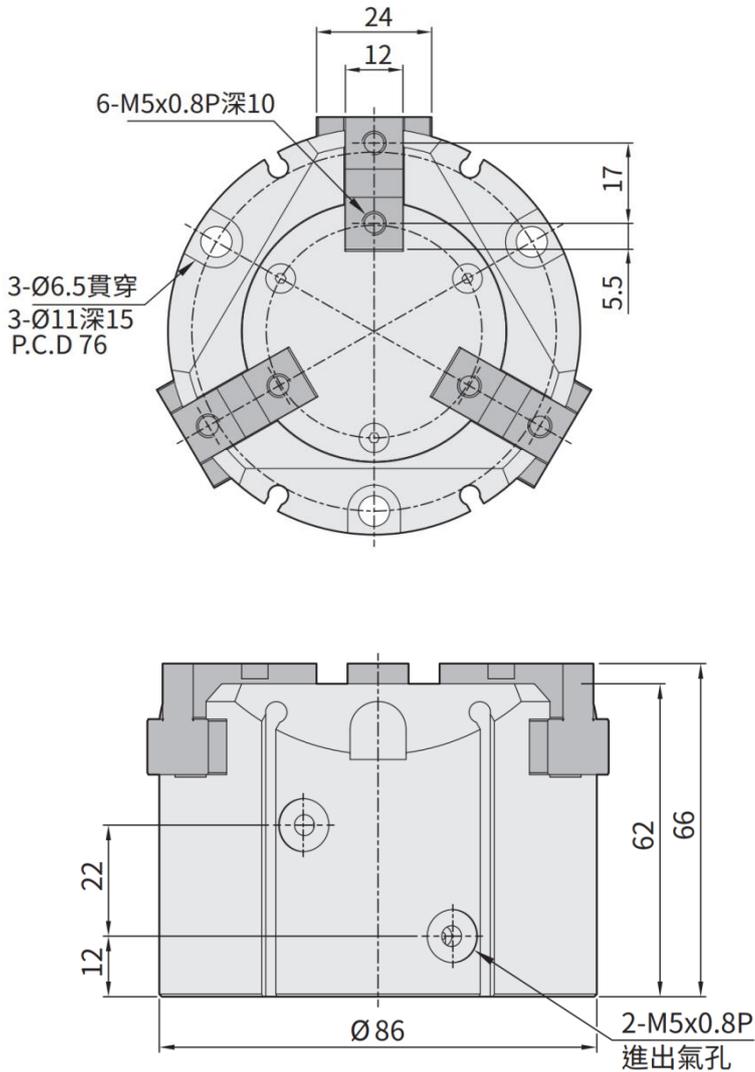


■ ADQ3-50



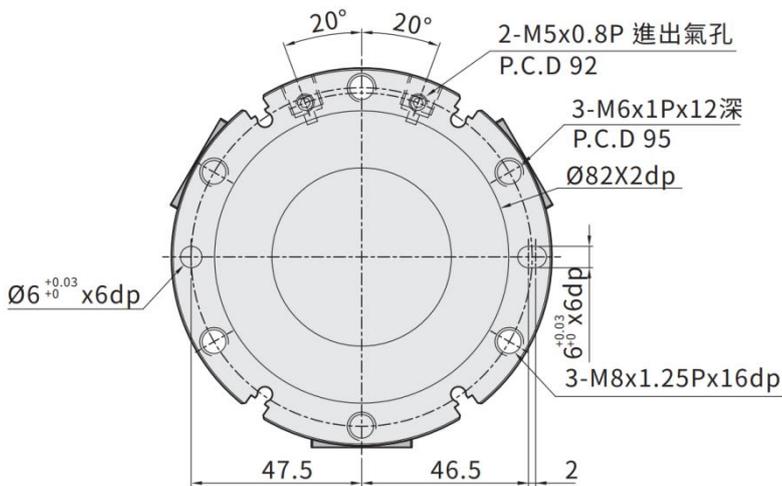
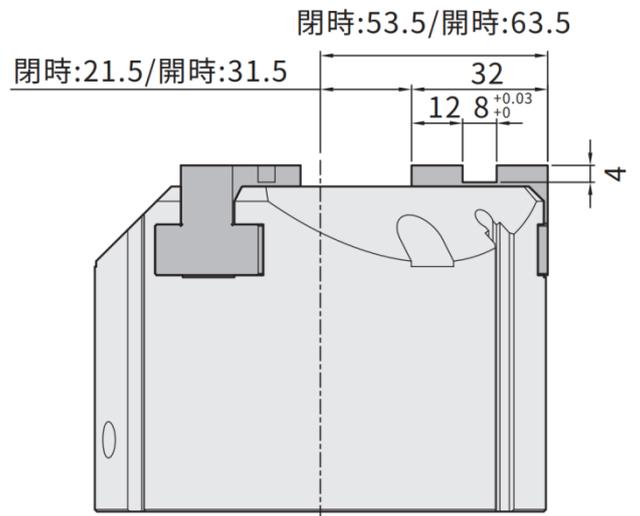
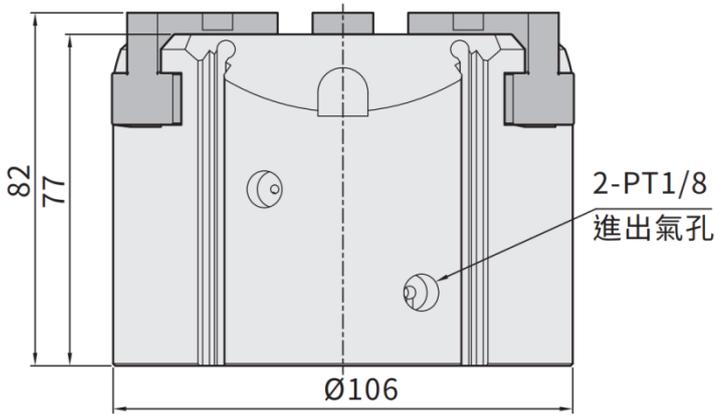
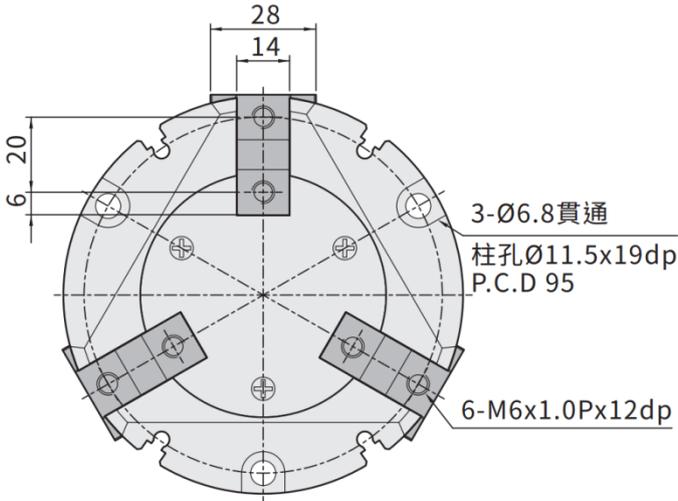


■ ADQ3-63



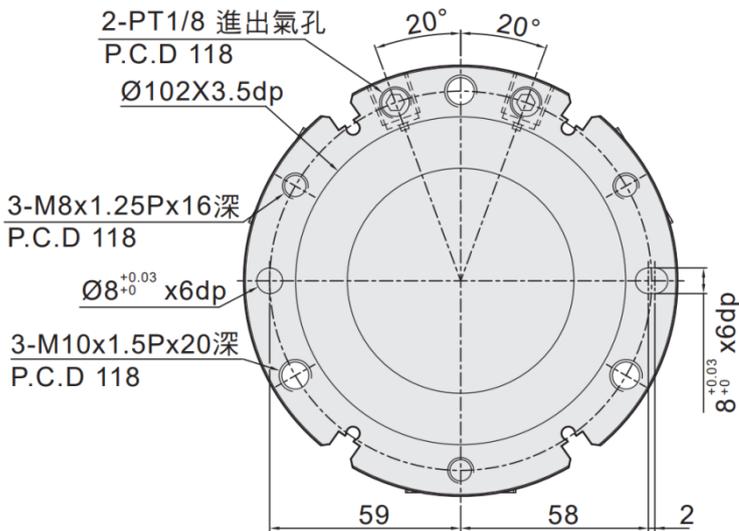
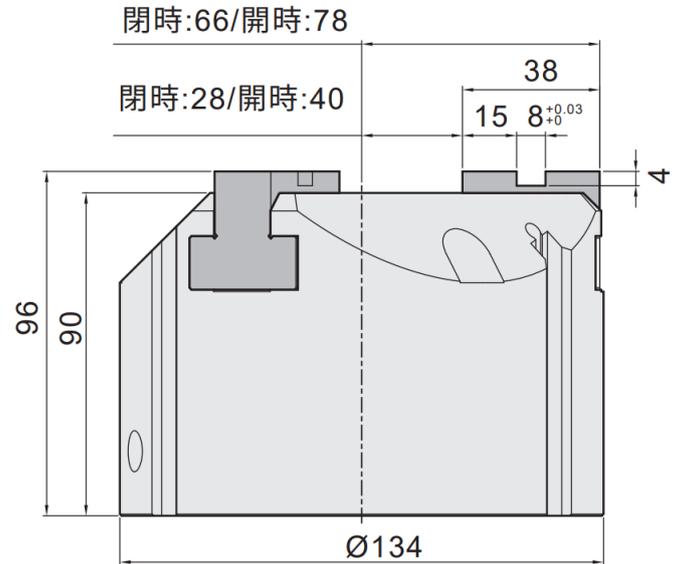
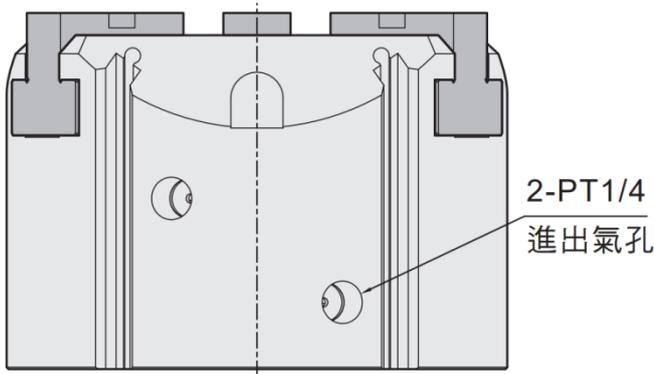
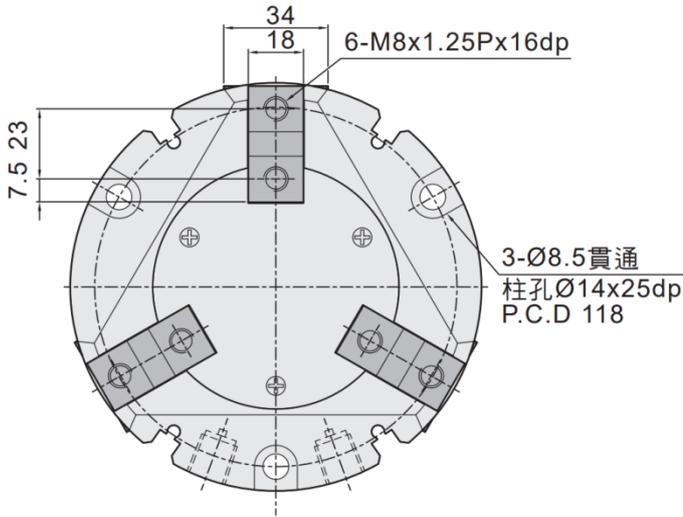


■ ADQ3-80



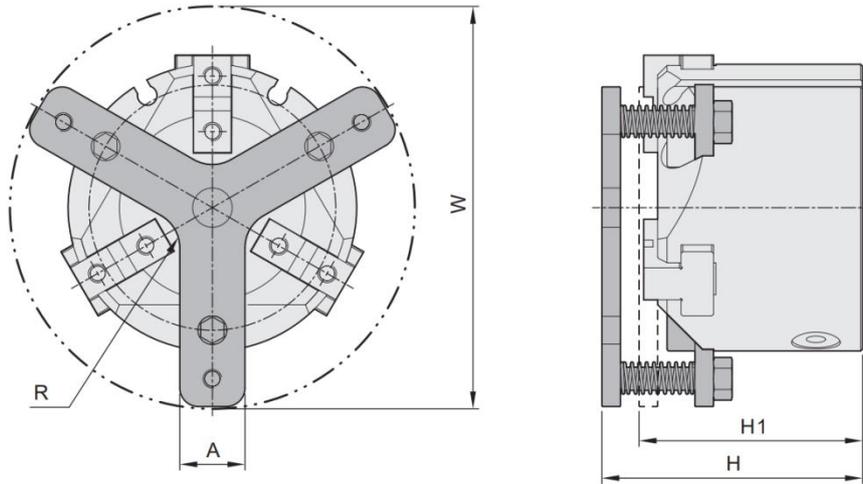


■ ADQ3-100





■ 頂料模組



單位：mm

項目\型號	ADQ3-25-P	ADQ3-32-P	ADQ3-40-P	ADQ3-50-P	ADQ3-63-P	ADQ3-80-P	ADQ3-100-P
總高 H	46.5	50	56	64	77	92	110
外徑 W	70	79	87	96	121	140	171
A	9	10	13	14	16	20	25
R	R6	R6	R8	R8	R8	R10	R15
推板壓縮位置 H1	40	44	48	56	67	82	95