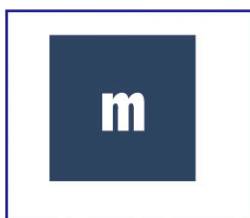
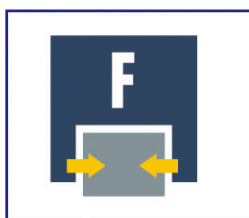


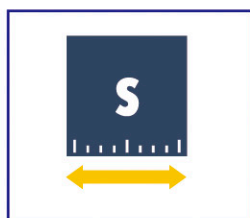
尺寸
Size
32 ~ 63



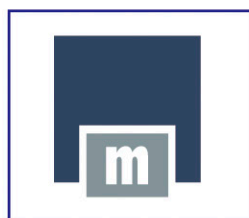
重量
Weight
3.7 ~ 20 KG



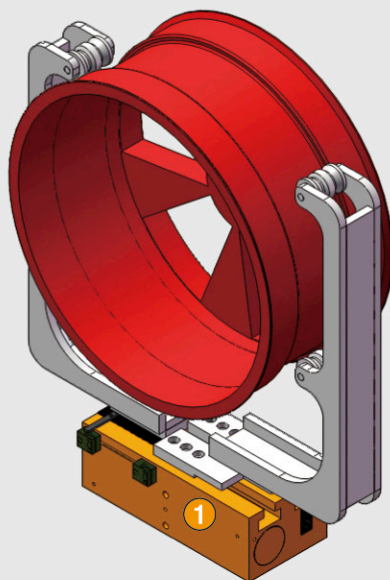
夾持力
Gripping force
800 ~ 31000 N



單爪行程
Stroke per jaw
50 ~ 100 MM



適用工件重量
Recom. workpiece weight
4 ~ 15.5 KG



① RLE 大型二指平動機械夾爪
Long Stroke 2-Jaw
Parallel Gripper

應用領域

- 通用長行程二指平動機械手，_T型導軌設計，極具經濟效益。
- 通用款，搭配各式配件即可適用於特殊機械手臂環境。
- 無數應用領域的理想標準方案，適用於機台製作或工廠生產、組裝及自動化產業的乾淨環境。

你的優勢

- 堅固的T型導軌設計：確保精確夾持工件。
- 可達最大力矩：適用長爪設計FINGER。
- 圓形活塞驅動設計：確保最大夾持力。
- 小巧尺寸：確保工作中有最低的干涉外形。
- 空氣供給：免管路直接連接或螺絲連接通道：確保在各式自動化系統中皆可彈性供給壓縮空氣。
- 夾持力安全裝置：搭配機械式外部SDV逆止閥。

RLE 系列簡介

- 工作原理：雙活塞運動學
- 外殼材質：鋁合金，超硬陽極處理
- 基爪材質：鋼
- 驅動方式：氣動：濾清壓縮空氣 (10mm) - 乾式、潤滑或非潤滑壓力介質：需求壓縮空氣品質等級 DIN ISO 8573-1
- 保固：12個月
- 夾持力安全裝置：搭配機械式外部SDV逆止閥。

RLE Series Introduction

- How it works: Dual piston kinematics.
- Gripper material: Aluminum alloy, hard anodized.
- Jaw material: Steel
- Drive: Pneumatic-filtration of compressed air _ (10mm) _ - dry, lubricated or non-lubricated pressure medium: demand for compressed air quality level DIN ISO 8573-1
- Warranty: 12 months.
- Gripping force safety device: with mechanical external SDV pressure safety valve.

Applications

- Universal long stroke finger translational manipulator, _T-rail design, great value for money.
- GM models, with all kinds of accessories for special mechanical arm to the environment.
- Ideal for numerous applications in the field of standard solutions Suitable for machine production or factory production, assembly and automation industry for a Clean Environment.

Your advantage

- Robust T-rail design: to ensure accurate clamping workpieces.
- Up to a maximum torque: for long claw design FINGER.
- Circular piston-driven design: to ensure maximum clamping force.
- Small size: Make sure there is a minimum of interference in the work of shape.
- Air supply piping free direct connection or screw connection channel: Ensure that all kinds of automation systems Jieke elasticity of supply of compressed air.
- Gripping force safety device: with mechanical external SDV pressure safety valve.



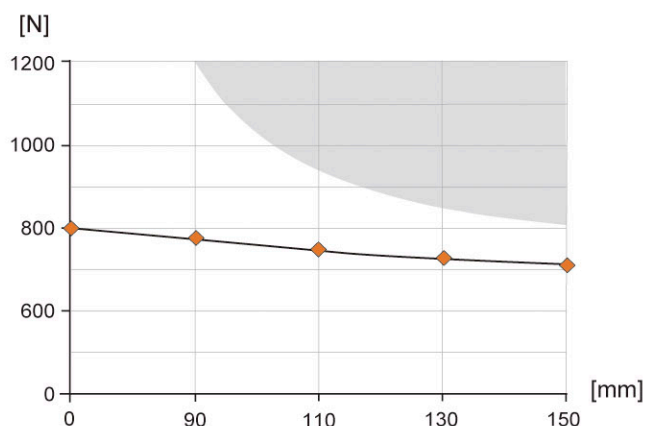


RLE 32-50



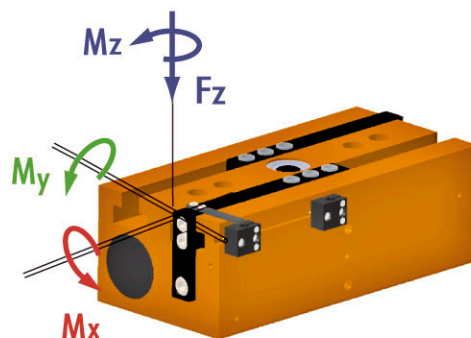
夾持力 Gripping force

夾持力與 夾爪 (finger) 長度對照表 Gripping force and jaw (finger) length chart



顏色區域：會增加磨損及撕裂機會

Colored area: increased wear and tear to be expected



- Mx max. 30.0 Nm
- My max. 98.0 Nm
- Mz max. 48.0 Nm
- Fz max. 1080.0 N

技術資料 Technical data

型號 Model		RLE 32-50
單爪行程 Stroke per jaw	mm	50
關閉力 Closing force	N	800
開啓力 Opening force	N	778
重量 Weight	Kg	3.7
建議工件重量 Recom. work piece weight	Kg	4
雙行程氣耗量 Air consumption per double stroke	cm ³	160
最小/最大壓力 Min./max. operating pressure	bar	3 - 8
額定工作壓力 Nominal operating pressure	bar	6
關閉/開啓時間 Closing/opening time	s	0.5 / 0.5
夾爪長度可允許 Max. permitted finger length	mm	100
夾爪重量可允許 Max. permitted weight per finger	Kg	1.8
IP 等級 IP class	IP	40
最小/最大室溫 Min./max. ambient temperature	°C	5°C ~ 80°C
重複精度 Repeatability	mm	0.04

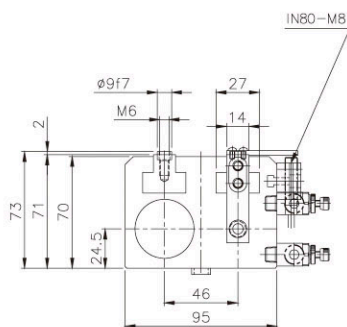
外觀尺寸圖 Dimensions

- A 孔：**主連接孔，夾爪開啓。
B 孔：主連接孔，夾爪閉合。
❶ 機械手，連接介面。
❷ 夾爪連接介面。

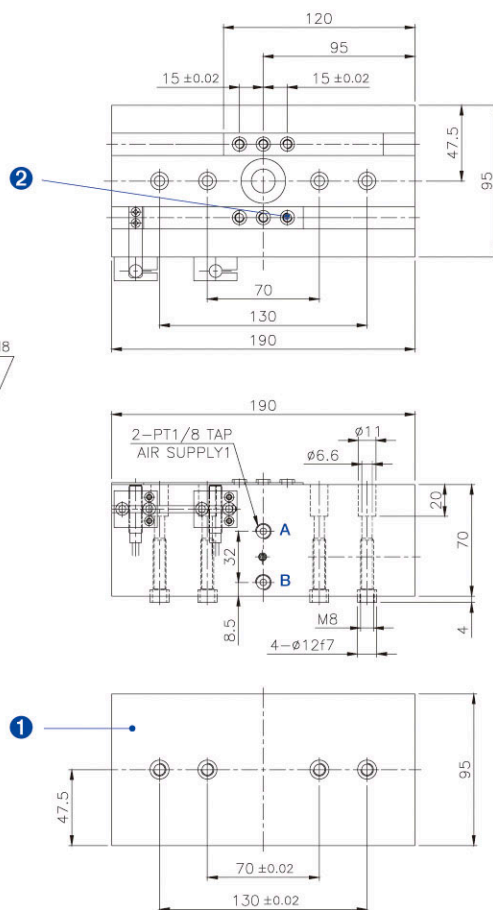
A Hole: main connection, gripper open

B Hole: main connection, gripper close

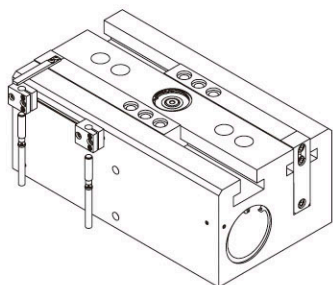
- 1 Robot, connection interface
- 2 Gripper connection interface



- 上圖為閉爪時的基本款，不含選配物件尺寸。
■ The picture shows the basic models when closing, excluding optional object size.



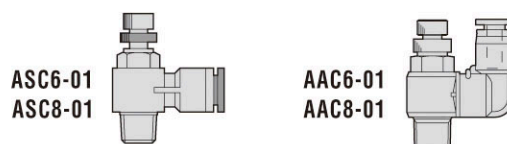
(無接觸式)側邊感應器系統 (Non-contact) Side sensor system



- (無接觸式)側邊終端位置監控:夾爪行程感應器,可直接由側邊安裝。
- 每個機械夾爪需要至少2個感應器(無接觸式)。
- (Non-contact) Side terminal position monitoring:
Jaw stroke sensor can be installed directly from the sides.
- Each mechanical gripper needs at least two sensors (non-contact)

型號 Model	建議使用數量 Recom. number of use
IN80-M8	2

夾爪調速閥 Speed control valve



- 夾爪專用調速閥：調整夾爪開張速度專用調速閥門
- 每個機械夾爪需要至少2個調速閥。
- Speed control valve special for grippers:
Special for adjusting the opening speed of gripper.
- Each mechanical gripper needs at least two speed control valves.

型號 Model	型式 Description	建議使用數量 Recom. number of use
ASC6-01	90度設計 Ø6管徑 90 degrees design ø6 diameter	2
ASC8-01	90度設計 Ø8管徑 90 degrees design ø8 diameter	2
AAC6-01	直通設計 Ø6管徑 Straight design ø6 diameter	2
AAC8-01	直通設計 Ø8管徑 Straight design ø8 diameter	2

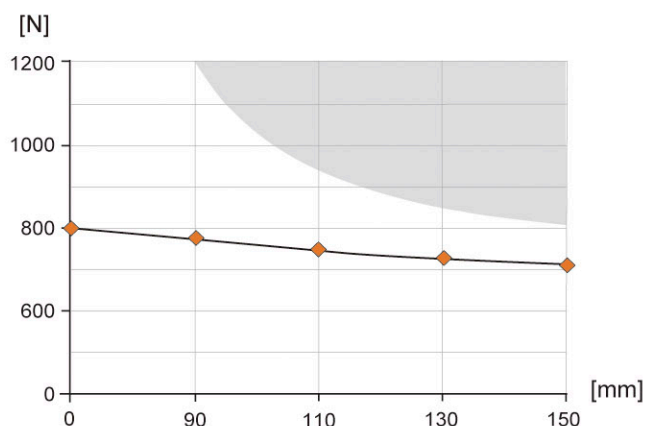


RLE 32-100



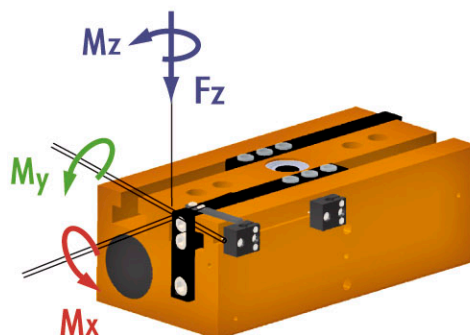
夾持力 Gripping force

夾持力與 夾爪 (finger) 長度對照表 Gripping force and jaw (finger) length chart



顏色區域：會增加磨損及撕裂機會

Colored area: increased wear and tear to be expected



- Mx max. 20.0 Nm
- My max. 10.0 Nm
- Mz max. 10.0 Nm
- Fz max. 300.0 N

技術資料 Technical data

型號 Model		RLE 32-100
單爪行程 Stroke per jaw	mm	100
關閉力 Closing force	N	800
開啓力 Opening force	N	778
重量 Weight	Kg	6.5
建議工件重量 Recom. work piece weight	Kg	4
雙行程氣耗量 Air consumption per double stroke	cm ³	320
最小/最大壓力 Min./max. operating pressure	bar	3 - 8
額定工作壓力 Nominal operating pressure	bar	6
關閉/開啓時間 Closing/opening time	s	0.8 / 0.8
夾爪長度可允許 Max. permitted finger length	mm	100
夾爪重量可允許 Max. permitted weight per finger	Kg	1.8
IP 等級 IP class	IP	40
最小/最大室溫 Min./max. ambient temperature	°C	5°C ~ 80°C
重複精度 Repeatability	mm	0.04

外觀尺寸圖 Dimensions

A 孔：主連接孔，夾爪開啓。

B 孔：主連接孔，夾爪閉合。

① 機械手，連接介面。

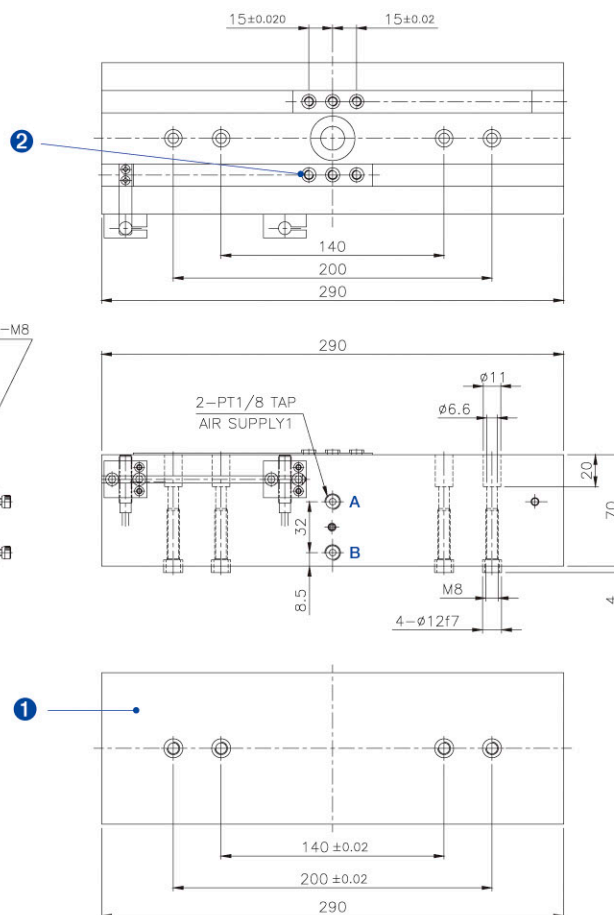
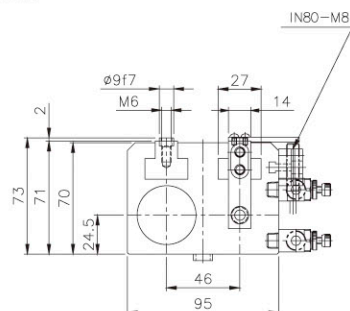
② 夾爪連接介面。

A Hole: main connection, gripper open

B Hole: main connection, gripper close

① Robot, connection interface

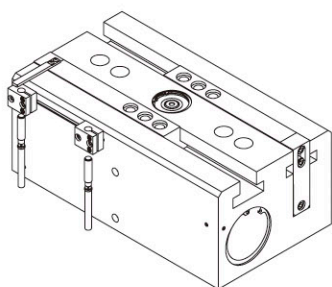
② Gripper connection interface



■ 上圖為閉爪時的基本款，不含選配物件尺寸。

■ The picture shows the basic models when closing, excluding optional object size.

(無接觸式) 側邊感應器系統 (Non-contact) Side sensor system



- (無接觸式)側邊終端位置監控:夾爪行程感應器，可直接由側邊安裝。
- 每個機械夾爪需要至少要2個感應器(無接觸式)。
- (Non-contact) Side terminal position monitoring: Jaw stroke sensor can be installed directly from the sides.
- Each mechanical gripper needs at least two sensors (non-contact)

型號 Model	建議使用數量 Recom. number of use
IN80-M8	2

夾爪調速閥 Speed control valve



- 夾爪專用調速閥: 調整夾爪開張速度專用調速閥門
- 每個機械夾爪需要至少要2個調速閥。
- Speed control valve special for grippers: Special for adjusting the opening speed of gripper.
- Each mechanical gripper needs at least two speed control valves.

型號 Model	型式 Description	建議使用數量 Recom. number of use
ASC6-01	90度設計 Ø6管徑 90 degrees design ø6 diameter	2
ASC8-01	90度設計 Ø8管徑 90 degrees design ø8 diameter	2
AAC6-01	直通設計 Ø6管徑 Straight design ø6 diameter	2
AAC8-01	直通設計 Ø8管徑 Straight design ø8 diameter	2

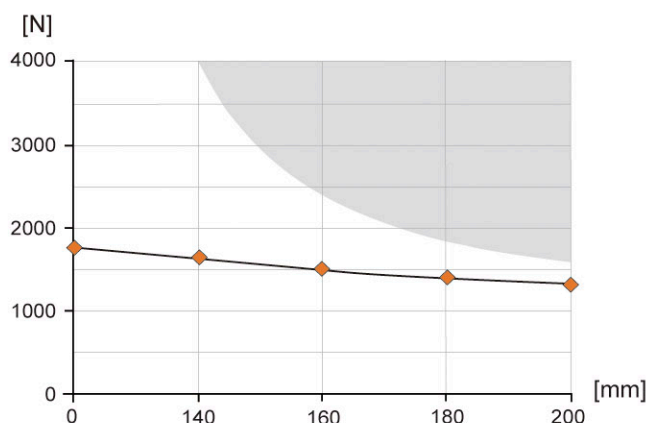


RLE 50-50



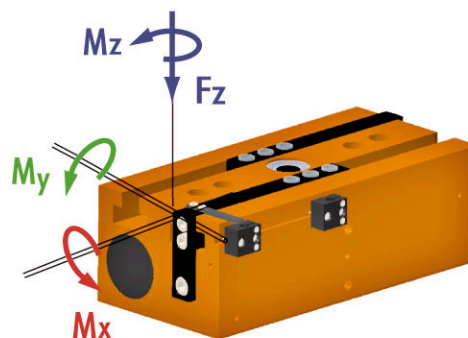
夾持力 Gripping force

夾持力與 夾爪 (finger) 長度對照表 Gripping force and jaw (finger) length chart



顏色區域：會增加磨損及撕裂機會

Colored area: increased wear and tear to be expected



- Mx max. 20.0 Nm
- My max. 10.0 Nm
- Mz max. 10.0 Nm
- Fz max. 300.0 N

技術資料 Technical data

型號 Model		RLE 50-50
單爪行程 Stroke per jaw	mm	50
關閉力 Closing force	N	1900
開啓力 Opening force	N	1870
重量 Weight	Kg	8.5
建議工件重量 Recom. work piece weight	Kg	9.5
雙行程氣耗量 Air consumption per double stroke	cm ³	390
最小/最大壓力 Min./max. operating pressure	bar	3 - 8
額定工作壓力 Nominal operating pressure	bar	6
關閉/開啓時間 Closing/opening time	s	0.5 / 0.5
夾爪長度可允許 Max. permitted finger length	mm	200
夾爪重量可允許 Max. permitted weight per finger	Kg	2.7
IP 等級 IP class	IP	40
最小/最大室溫 Min./max. ambient temperature	°C	5°C ~ 80°C
重複精度 Repeatability	mm	0.04

外觀尺寸圖 Dimensions

A 孔：主連接孔，夾爪開啓。

B 孔：主連接孔，夾爪閉合。

① 機械手，連接介面。

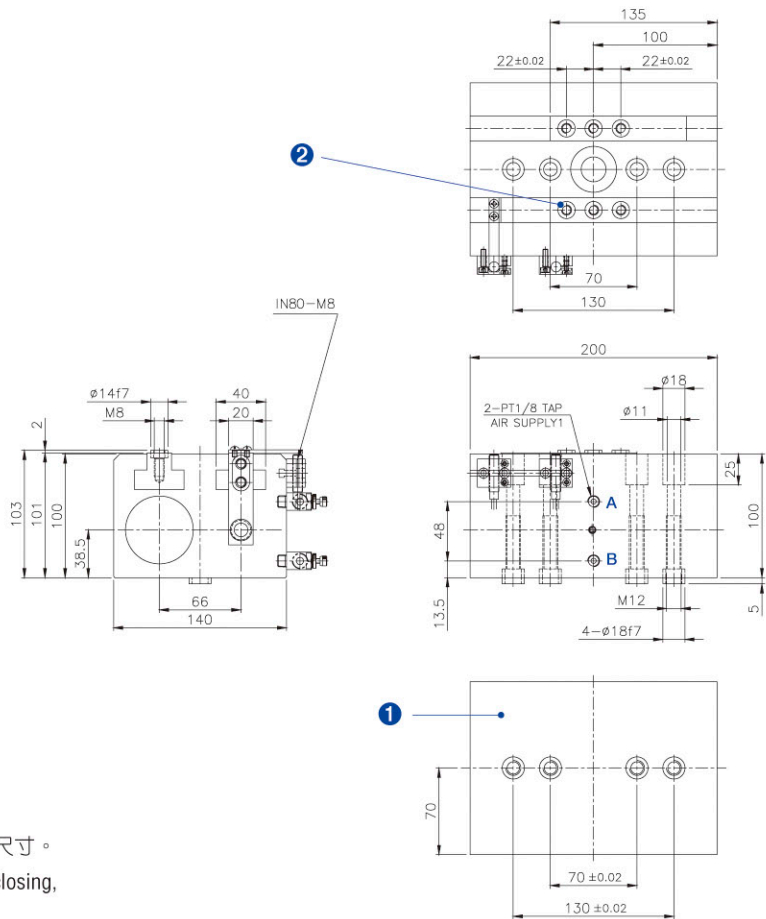
② 夾爪連接介面。

A Hole: main connection, gripper open

B Hole: main connection, gripper close

① Robot, connection interface

② Gripper connection interface

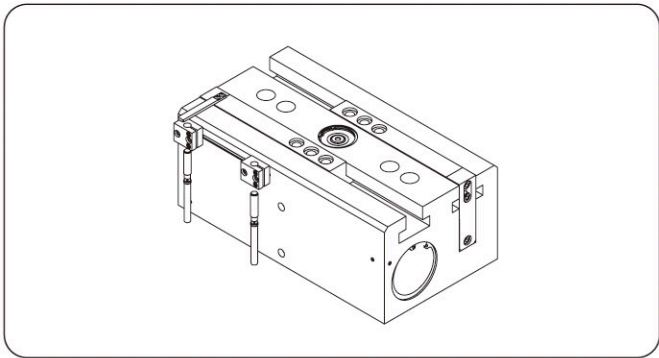


■ 上圖為閉爪時的基本款，不含選配物件尺寸。

■ The picture shows the basic models when closing, excluding optional object size.

RLE 50-50

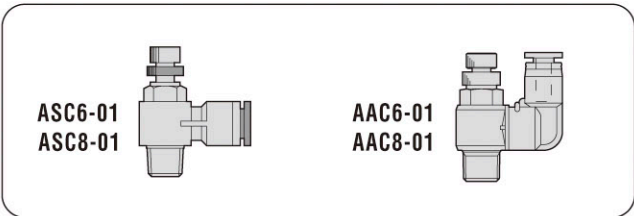
(無接觸式) 側邊感應器系統 (Non-contact) Side sensor system



- (無接觸式)側邊終端位置監控:夾爪行程感應器，可直接由側邊安裝。
- 每個機械夾爪需要至少2個感應器(無接觸式)。
- (Non-contact) Side terminal position monitoring: Jaw stroke sensor can be installed directly from the sides.
- Each mechanical gripper needs at least two sensors (non-contact)

型號 Model	建議使用數量 Recom. number of use
IN80-M8	2

夾爪調速閥 Speed control valve



- 夾爪專用調速閥: 調整夾爪開張速度專用調速閥門
- 每個機械夾爪需要至少2個調速閥。
- Speed control valve special for grippers: Special for adjusting the opening speed of gripper.
- Each mechanical gripper needs at least two speed control valves.

型號 Model	型式 Description	建議使用數量 Recom. number of use
ASC6-01	90度設計 Ø6管徑 90 degrees design ø6 diameter	2
ASC8-01	90度設計 Ø8管徑 90 degrees design ø8 diameter	2
AAC6-01	直通設計 Ø6管徑 Straight design ø6 diameter	2
AAC8-01	直通設計 Ø8管徑 Straight design ø8 diameter	2

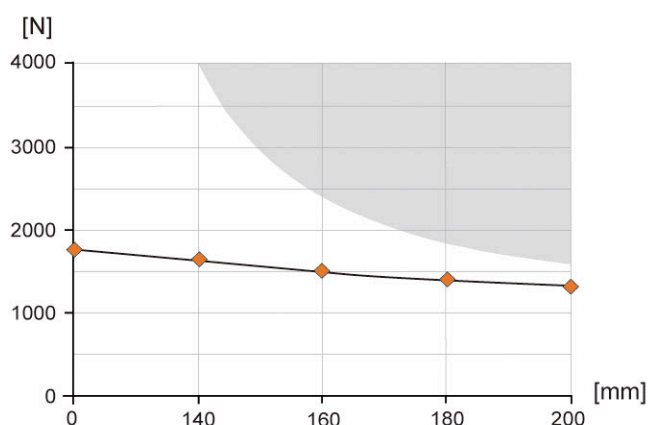


RLE 50-100



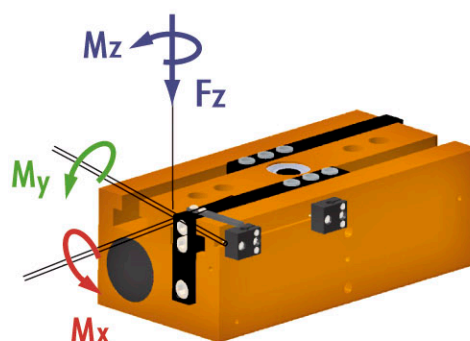
夾持力 Gripping force

夾持力與 夾爪 (finger) 長度對照表 Gripping force and jaw (finger) length chart



顏色區域：會增加磨損及撕裂機會

Colored area: increased wear and tear to be expected



- Mx max. 20.0 Nm
- My max. 10.0 Nm
- Mz max. 10.0 Nm
- Fz max. 300.0 N

技術資料 Technical data

型號 Model		RLE 50-100
單爪行程 Stroke per jaw	mm	100
關閉力 Closing force	N	1900
開啓力 Opening force	N	1870
重量 Weight	Kg	10.9
建議工件重量 Recom. work piece weight	Kg	9.5
雙行程氣耗量 Air consumption per double stroke	cm ³	780
最小/最大壓力 Min./max. operating pressure	bar	3 - 8
額定工作壓力 Nominal operating pressure	bar	6
關閉/開啓時間 Closing/opening time	s	0.9 / 0.9
夾爪長度可允許 Max. permitted finger length	mm	200
夾爪重量可允許 Max. permitted weight per finger	Kg	2.7
IP 等級 IP class	IP	40
最小/最大室溫 Min./max. ambient temperature	°C	5°C ~ 80°C
重複精度 Repeatability	mm	0.04

外觀尺寸圖 Dimensions

A 孔：主連接孔，夾爪開啓。

B 孔：主連接孔，夾爪閉合。

① 機械手，連接介面。

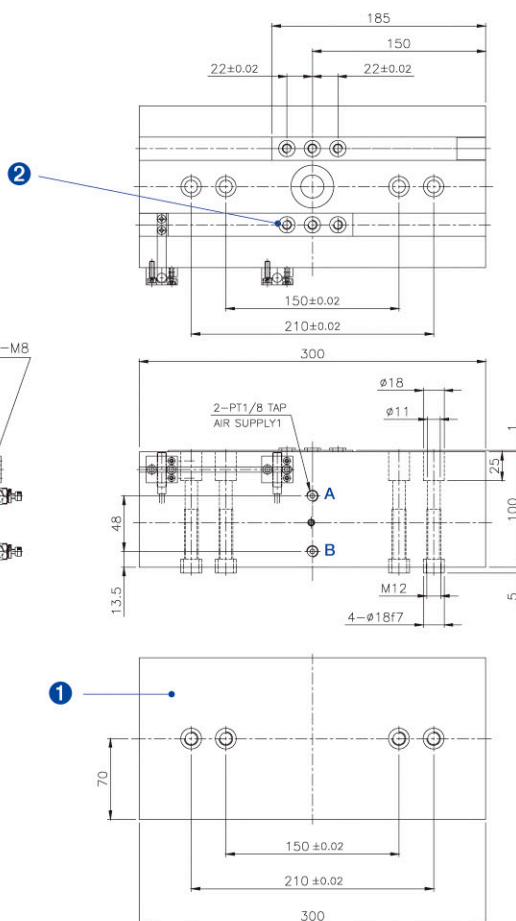
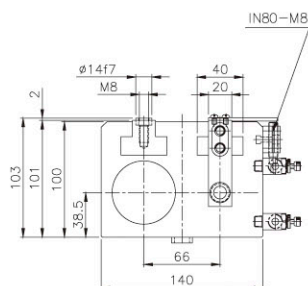
② 夾爪連接介面。

A Hole: main connection, gripper open

B Hole: main connection, gripper close

① Robot, connection interface

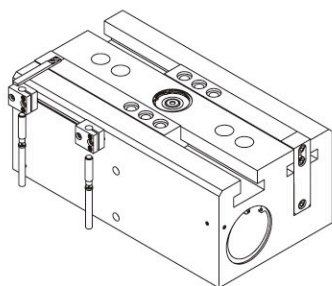
② Gripper connection interface



■ 上圖為閉爪時的基本款，不含選配物件尺寸。

■ The picture shows the basic models when closing, excluding optional object size.

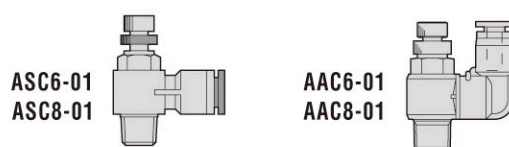
(無接觸式) 側邊感應器系統 (Non-contact) Side sensor system



- (無接觸式)側邊終端位置監控:夾爪行程感應器，可直接由側邊安裝。
- 每個機械夾爪需要至少要2個感應器(無接觸式)。
- (Non-contact) Side terminal position monitoring: Jaw stroke sensor can be installed directly from the sides.
- Each mechanical gripper needs at least two sensors (non-contact)

型號 Model	建議使用數量 Recom. number of use
IN80-M8	2

夾爪調速閥 Speed control valve



- 夾爪專用調速閥: 調整夾爪開張速度專用調速閥門
- 每個機械夾爪需要至少要2個調速閥。
- Speed control valve special for grippers: Special for adjusting the opening speed of gripper.
- Each mechanical gripper needs at least two speed control valves.

型號 Model	型式 Description	建議使用數量 Recom. number of use
ASC6-01	90度設計 Ø6管徑 90 degrees design ø6 diameter	2
ASC8-01	90度設計 Ø8管徑 90 degrees design ø8 diameter	2
AAC6-01	直通設計 Ø6管徑 Straight design ø6 diameter	2
AAC8-01	直通設計 Ø8管徑 Straight design ø8 diameter	2

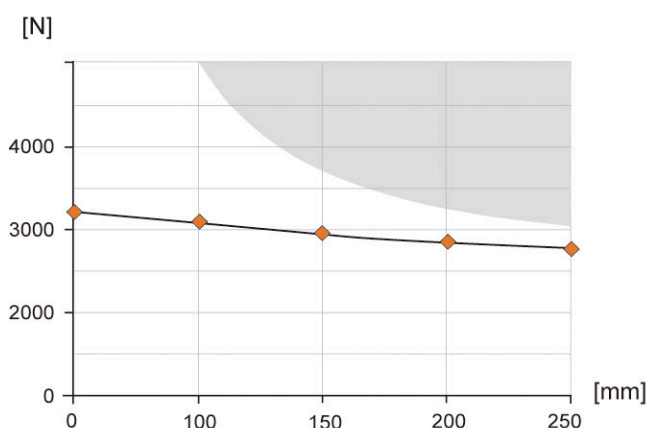


RLE 63-100



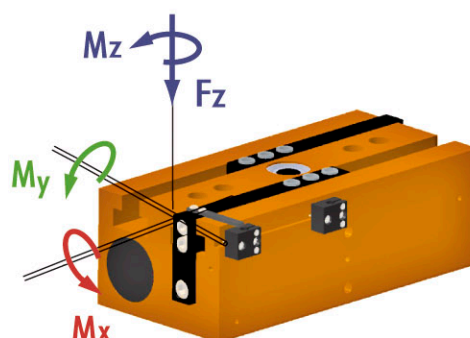
夾持力 Gripping force

夾持力與 夾爪 (finger) 長度對照表 Gripping force and jaw (finger) length chart



顏色區域：會增加磨損及撕裂機會

Colored area: increased wear and tear to be expected



- Mx max. 70.0 Nm
- My max. 110.0 Nm
- Mz max. 90.0 Nm
- Fz max. 1300.0 N

技術資料 Technical data

型號 Model		RLE 63-100
單爪行程 Stroke per jaw	mm	100
關閉力 Closing force	N	3100
開啓力 Opening force	N	3045
重量 Weight	Kg	20
建議工件重量 Recom. work piece weight	Kg	15.5
雙行程氣耗量 Air consumption per double stroke	cm ³	1200
最小/最大壓力 Min./max. operating pressure	bar	3 - 8
額定工作壓力 Nominal operating pressure	bar	6
關閉/開啓時間 Closing/opening time	s	0.9 / 0.9
夾爪長度可允許 Max. permitted finger length	mm	250
夾爪重量可允許 Max. permitted weight per finger	Kg	3.5
IP 等級 IP class	IP	40
最小/最大室溫 Min./max. ambient temperature	°C	5°C ~ 80°C
重複精度 Repeatability	mm	0.04

外觀尺寸圖 Dimensions

A 孔：主連接孔，夾爪開啓。

B 孔：主連接孔，夾爪閉合。

① 機械手，連接介面。

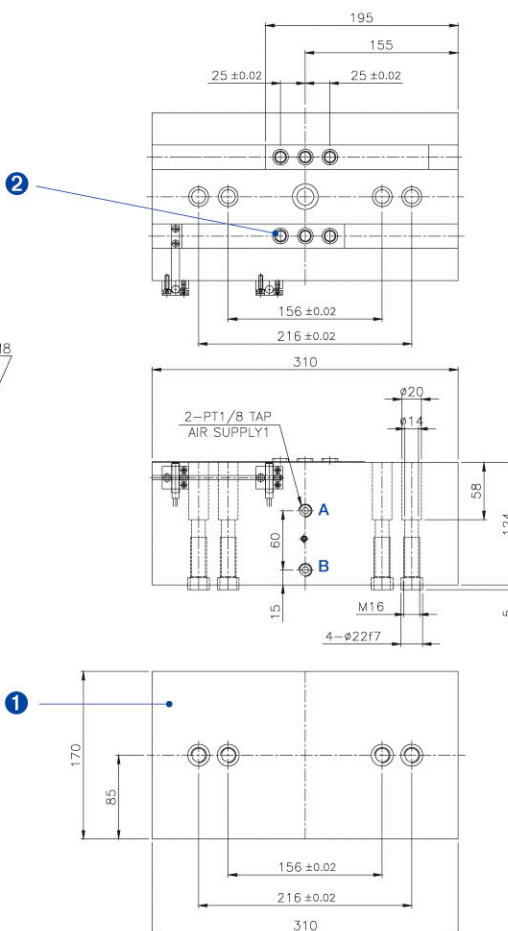
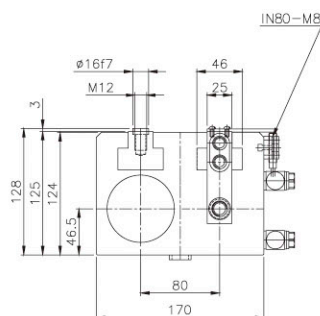
② 夾爪連接介面。

A Hole: main connection, gripper open

B Hole: main connection, gripper close

① Robot, connection interface

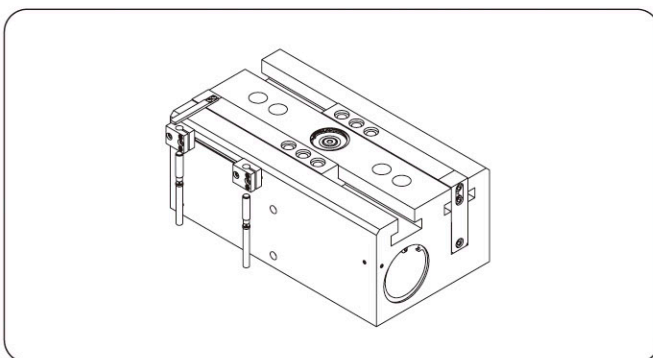
② Gripper connection interface



■ 上圖為閉爪時的基本款，不含選配物件尺寸。

■ The picture shows the basic models when closing, excluding optional object size.

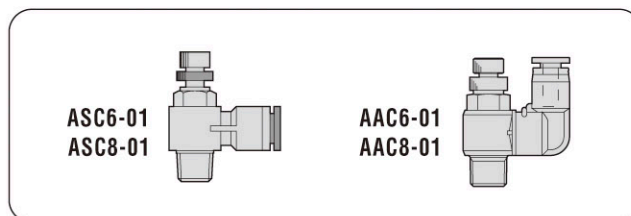
(無接觸式) 側邊感應器系統 (Non-contact) Side sensor system



- (無接觸式)側邊終端位置監控:夾爪行程感應器，可直接由側邊安裝。
- 每個機械夾爪需要至少2個感應器(無接觸式)。
- (Non-contact) Side terminal position monitoring: Jaw stroke sensor can be installed directly from the sides.
- Each mechanical gripper needs at least two sensors (non-contact)

型號 Model	建議使用數量 Recom. number of use
IN80-M8	2

夾爪調速閥 Speed control valve



- 夾爪專用調速閥: 調整夾爪開張速度專用調速閥門
- 每個機械夾爪需要至少2個調速閥。
- Speed control valve special for grippers: Special for adjusting the opening speed of gripper.
- Each mechanical gripper needs at least two speed control valves.

型號 Model	型式 Description	建議使用數量 Recom. number of use
ASC6-01	90度設計 Ø6管徑 90 degrees design ø6 diameter	2
ASC8-01	90度設計 Ø8管徑 90 degrees design ø8 diameter	2
AAC6-01	直通設計 Ø6管徑 Straight design ø6 diameter	2
AAC8-01	直通設計 Ø8管徑 Straight design ø8 diameter	2