



尺寸
Size
66 ~ 200



重量
Weight
0.3 ~ 8.5 KG



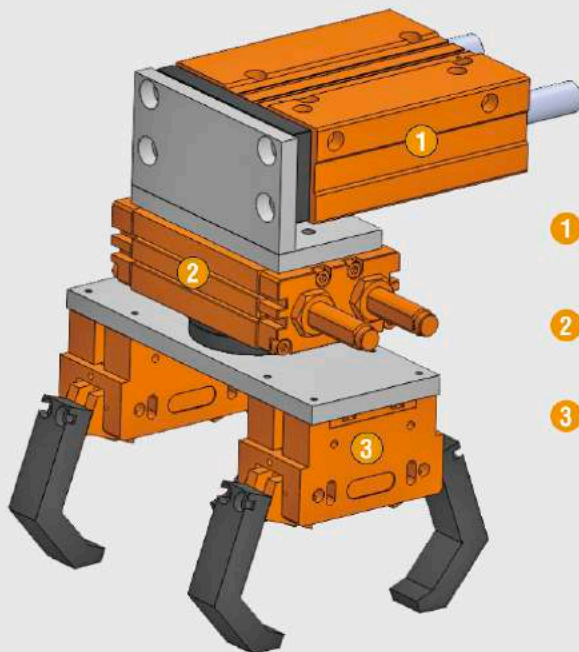
夾持力
Gripping force
217 ~ 3955 N



張開角度
Stroke per jaw
20°



適用工件重量
Recom. workpiece weight
1.1 ~ 19.5 KG



- ① MGB 雙導桿氣缸模組
MGB Dual guide rod cylinder module
- ② SRB 通用型旋轉氣缸模組
SRB Universal rotating cylinder module
- ③ RWG 20度張角式機械夾爪
RWG 2-Jaw Angular Gripper

應用領域

- 40度張角型機械夾爪，體積較小，提供了更大的夾持力。
- 適用於大型自動化組裝線及壓鑄湯餅取出專用。
- 通用款，搭配各式配件即可適用於特殊機械手臂環境。
- 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

- 拉桿式原理滑塊設計：開張行程較大。
- 橢圓形活塞驅動設計：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。

RWG系列簡介

- 工作原理：拉桿式原理滑塊設計
- 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。

RWG Series Introduction

- How it works: the principle of the lever-style slider design.
- 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.

20度張角式機械夾爪 2-Jaw Angular Gripper

Applications

- Opening angle of 40 degrees mechanical jaws of a smaller size, provide a greater clamping force.
- For large automated assembly lines and casting out special soup cake.
- GM models, with all kinds of accessories for special mechanical arm to the environment.
- Suitable for machine production or factory production, assembly and automation industry for a Clean Environment.

Your advantage

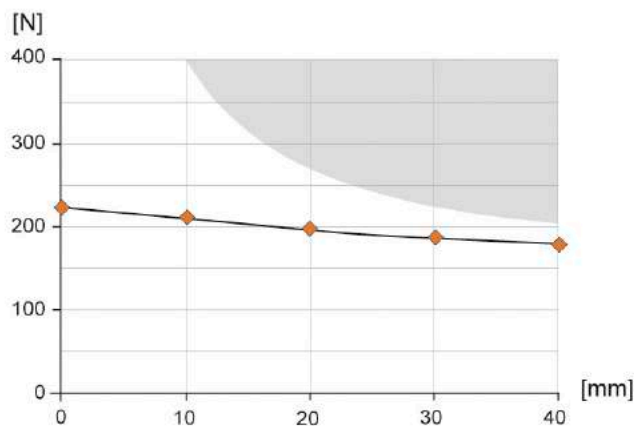
- Tie-in slider design principle: the larger opening stroke.
- Oval piston-driven design: to ensure maximum clamping force.
- Small size: Make sure there is a minimum of interference in the work of shape.
- Air supply piping free direct connection or screw connection channel: Ensure that all kinds of automation systems Jieke elasticity of supply of compressed air.
- Gripping force safety device: with mechanical external SDV pressure safety valve.



RWG-80

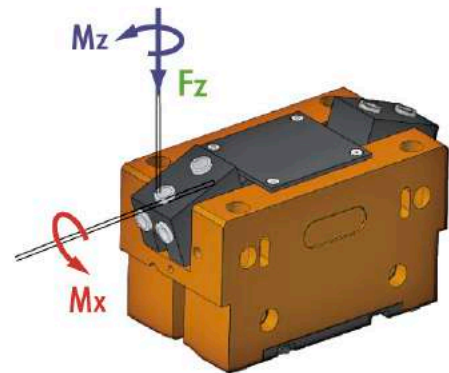


夾持力 Gripping force 夾持力與 夾爪 (finger) 長度對照表 Gripping force and jaw (finger) length chart



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. 11.0 Nm
- Mz max. 12.0 Nm
- Fz max. 180.0 N

技術資料 Technical data

型號 Model		RWG-80
旋轉角度 Stroke per jaw	°	20°
關閉力 Closing force	N	240
重量 Weight	Kg	0.4
建議工件重量 Recom. work piece weight	Kg	1.2
雙行程氣耗量 Air consumption per double stroke	cm ³	8.1
最小/最大壓力 Min./max. operating pressure	bar	2 - 8
額定工作壓力 Nominal operating pressure	bar	6
關閉/開啓時間 Closing/opening time	s	0.04 / 0.02
夾爪長度可允許 Max. permitted finger length	mm	40
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	0.02

外觀尺寸圖 Dimensions

4- $\phi 4.1$ HOLE THRU
 $\phi 7.6$ C BORE DP:5
M5 TAP

2- $\phi 6.7$

2-M5 AIR SUPPLY1

M8x1.5 proximity switches

2- $\phi 4.7$ PIN HOLE

2-M3 AIR SUPPLY2

A 孔：主連接孔，夾爪開啓。
B 孔：主連接孔，夾爪閉合。

A Hole: main connection, gripper open
B Hole: main connection, gripper close

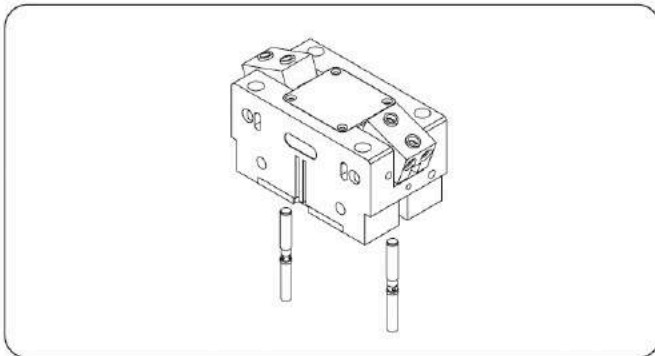
① 機械手，連接介面。
② 夾爪連接介面。

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.

RWG-80

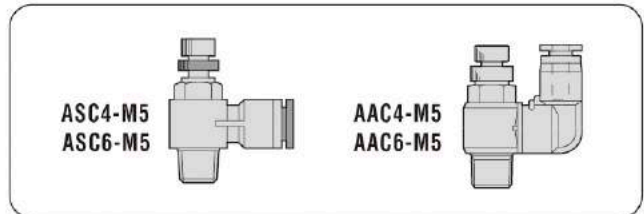
(無接觸式) 側邊感應器系統 (Non-contact) Side sensor system



- (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.

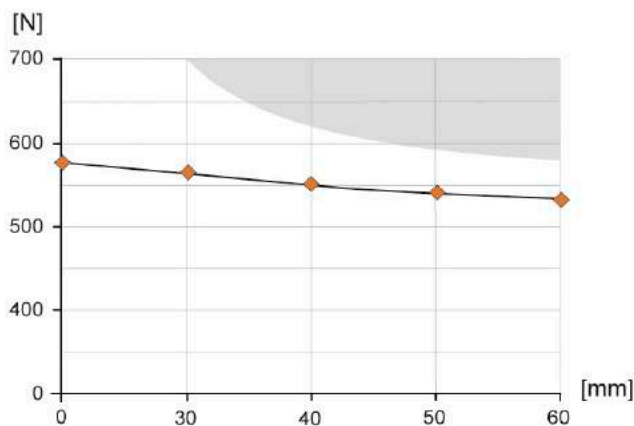
型號 Model	型式 Description	建議使用數量 Recom. number of use
ASC4-M5	90度設計 $\phi 4$ 管徑 90 degrees design $\phi 4$ diameter	2
ASC6-M5	90度設計 $\phi 6$ 管徑 90 degrees design $\phi 6$ diameter	2
AAC4-M5	直通設計 $\phi 4$ 管徑 Straight design $\phi 4$ diameter	2
AAC6-M5	直通設計 $\phi 6$ 管徑 Straight design $\phi 6$ diameter	2

RWG-100



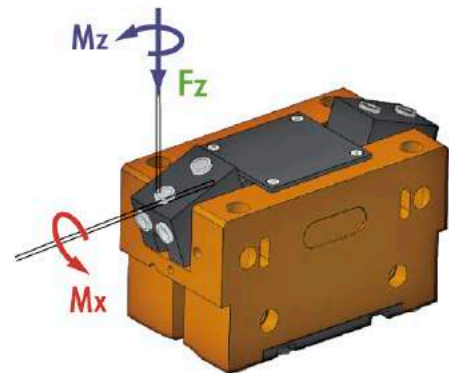
夾持力 Gripping force

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. 13.0 Nm
- Mz max. 17.0 Nm
- Fz max. 270.0 N

技術資料 Technical data

型號 Model		RWG-100
旋轉角度 Stroke per jaw	°	20°
關閉力 Closing force	N	650
重量 Weight	Kg	0.9
建議工件重量 Recom. work piece weight	Kg	3
雙行程氣耗量 Air consumption per double stroke	cm ³	22
最小/最大壓力 Min./max. operating pressure	bar	2 - 8
額定工作壓力 Nominal operating pressure	bar	6
關閉/開啓時間 Closing/opening time	s	0.05 / 0.1
夾爪長度可允許 Max. permitted finger length	mm	60
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	0.05

外觀尺寸圖 Dimensions

4-#5 HOLE THRU
#8.1 CORE DP9
M6 TAP

100, 32, 36, 32, 6, 20±0.02, 6, #8/17, 2, 2, 54, 19, 9, 3, #8, #8/17, 48, 2-Ø11/8" AIR SUPPLY, 1.4, 39.5, 59, 61, 2, 50, 22, 13, 20±1°, 90, 20±1°, 54, 1.4, 2.3, 80, 48, 66, 22, 22, 35±0.02, 2-M4 AIR SUPPLY

1 Robot, connection interface
2 Gripper connection interface

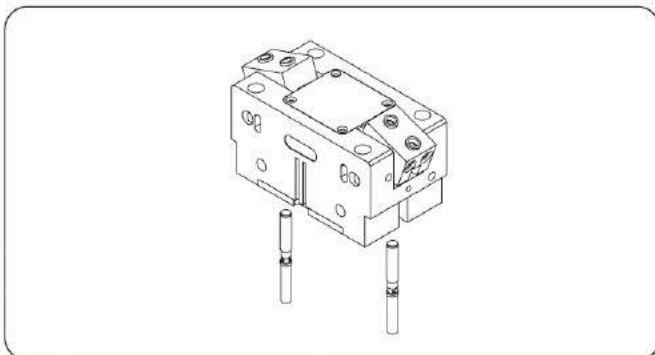
A Hole: main connection, gripper open
B Hole: main connection, gripper close

1 機械手，連接介面。
2 夾爪連接介面。

■ 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.

RWG-100

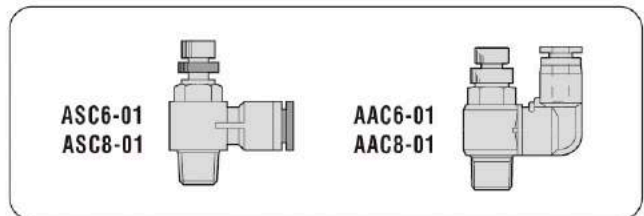
(無接觸式)側邊感應器系統 (Non-contact) Side sensor system



- (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



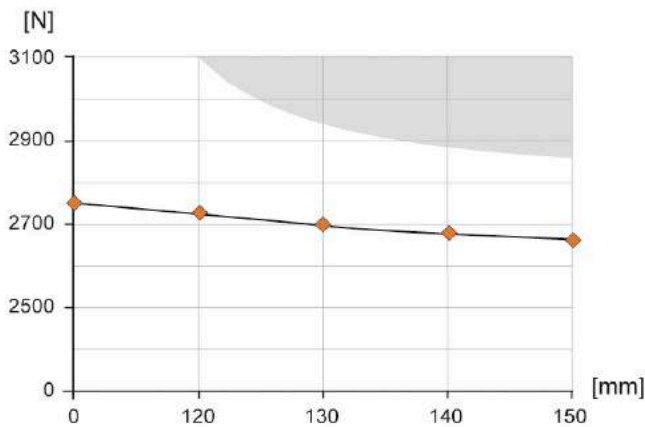
- 夾爪專用調速閥: 調整夾爪開張速度專用調速閥門
- 每個機械夾爪需要至少要2個調速閥。
- Speed control valve special for grippers: Special for adjusting the opening speed of gripper.
- Each mechanical gripper needs at least two speed control valves.

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

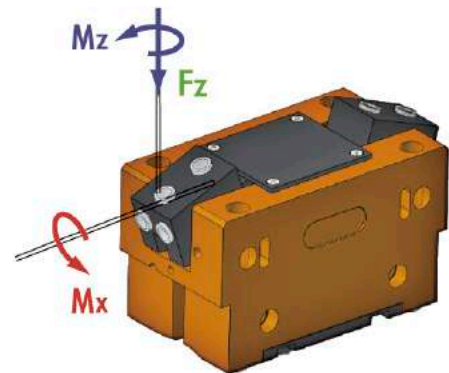
RWG-125



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. 16.0 Nm
- Mz max. 28.0 Nm
- Fz max. 280.0 N

技術資料 Technical data

型號 Model		RWG-125
旋轉角度 Stroke per jaw	°	20°
關閉力 Closing force	N	1420
重量 Weight	Kg	1.9
建議工件重量 Recom. work piece weight	Kg	6.4
雙行程氣耗量 Air consumption per double stroke	cm ³	65
最小/最大壓力 Min./max. operating pressure	bar	2 - 8
額定工作壓力 Nominal operating pressure	bar	6
關閉/開啓時間 Closing/opening time	s	0.2 / 0.3
夾爪長度可允許 Max. permitted finger length	mm	80
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	0.05

外觀尺寸圖 Dimensions

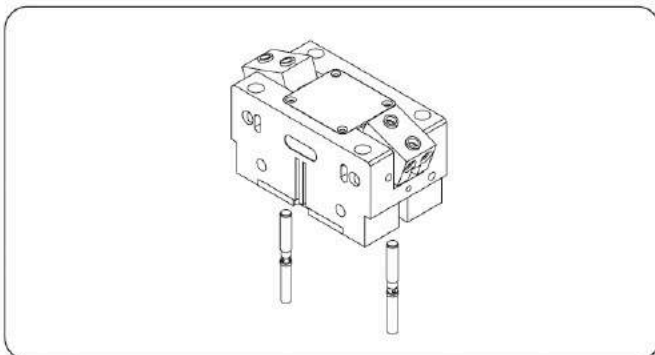
A 孔：主連接孔，夾爪開啓。
B 孔：主連接孔，夾爪閉合。
 ① 機械手，連接介面。
 ② 夾爪連接介面。

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.

RWG-125

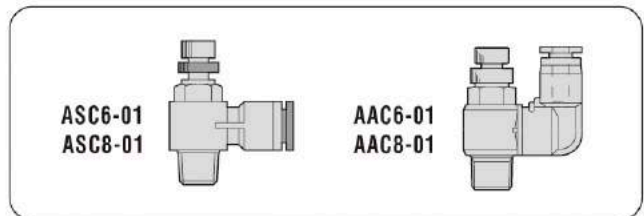
(無接觸式)側邊感應器系統 (Non-contact) Side sensor system



- (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.

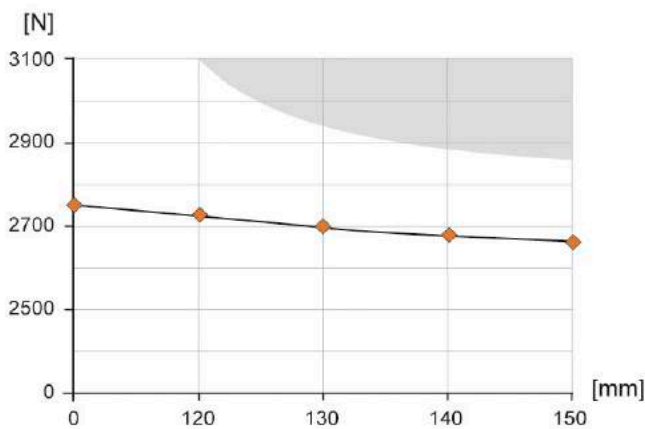
型號 Model	型式 Description	建議使用數量 Recom. number of use
ASC6-01	90度設計 Ø6管徑 90 degrees design ø6 diameter	2
ASC8-01	90度設計 Ø8管徑 90 degrees design ø8 diameter	2
AAC6-01	直通設計 Ø6管徑 Straight design ø6 diameter	2
AAC8-01	直通設計 Ø8管徑 Straight design ø8 diameter	2

RWG-160



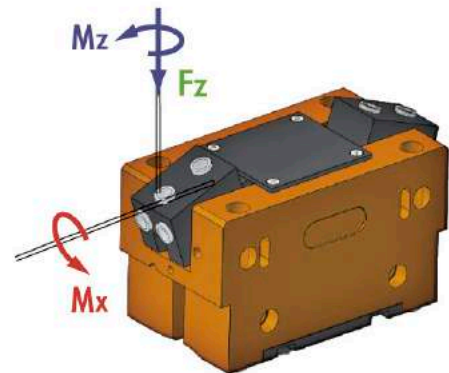
夾持力 Gripping force

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

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- Mx max. 36.0 Nm
- Mz max. 57.0 Nm
- Fz max. 450.0 N

技術資料 Technical data

型號 Model		RWG-160
旋轉角度 Stroke per jaw	°	20°
關閉力 Closing force	N	2740
重量 Weight	Kg	3.5
建議工件重量 Recom. work piece weight	Kg	12.8
雙行程氣耗量 Air consumption per double stroke	cm ³	166
最小/最大壓力 Min./max. operating pressure	bar	2 - 8
額定工作壓力 Nominal operating pressure	bar	6
關閉/開啓時間 Closing/opening time	s	0.2 / 0.5
夾爪長度可允許 Max. permitted finger length	mm	150
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	0.05

外觀尺寸圖 Dimensions

4- $\phi 8.5$ HOLE THRU
 $\phi 14$ C-BORE DF65
M10 TAP

2-PT1/8" AIR SUPPLY1

2- $\phi 6$ SENSOR HOLE

2-M5 AIR SUPPLY2

MB1.5 proximity switches

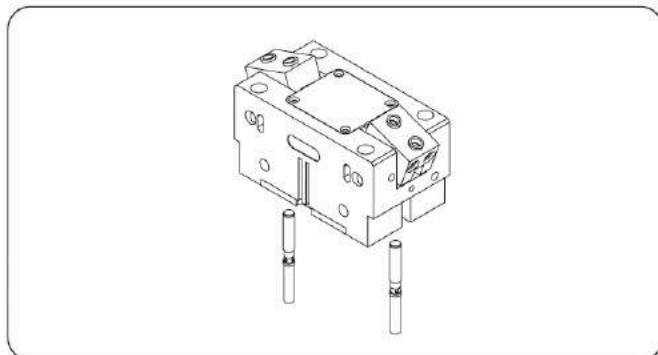
A 孔：主連接孔，夾爪開啓。
B 孔：主連接孔，夾爪閉合。
1 機械手，連接介面。
2 夾爪連接介面。

A Hole: main connection, gripper open
B Hole: main connection, gripper close
1 Robot, connection interface
2 Gripper connection interface

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RWG-160

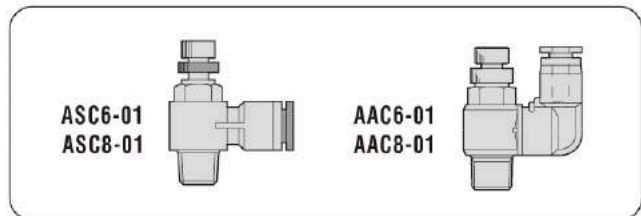
(無接觸式) 側邊感應器系統 (Non-contact) Side sensor system



- (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.
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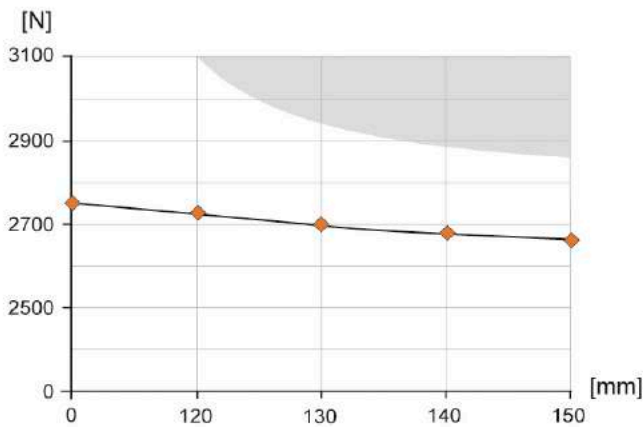
型號 Model	型式 Description	建議使用數量 Recom. number of use
ASC6-01	90度設計 $\phi 6$ 管徑 90 degrees design $\phi 6$ diameter	2
ASC8-01	90度設計 $\phi 8$ 管徑 90 degrees design $\phi 8$ diameter	2
AAC6-01	直通設計 $\phi 6$ 管徑 Straight design $\phi 6$ diameter	2
AAC8-01	直通設計 $\phi 8$ 管徑 Straight design $\phi 8$ diameter	2

RWG-200



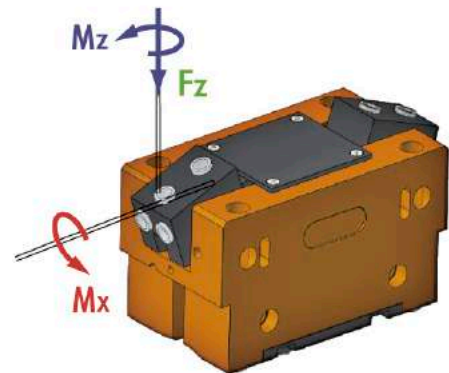
夾持力 Gripping force

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



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- Mz max. 57.0 Nm
- Fz max. 450.0 N

技術資料 Technical data

型號 Model		RWG-200
旋轉角度 Stroke per jaw	°	20°
關閉力 Closing force	N	450
重量 Weight	Kg	8.6
建議工件重量 Recom. work piece weight	Kg	20
雙行程氣耗量 Air consumption per double stroke	cm ³	345
最小/最大壓力 Min./max. operating pressure	bar	2 - 8
額定工作壓力 Nominal operating pressure	bar	6
關閉/開啓時間 Closing/opening time	s	0.2 / 0.5
夾爪長度可允許 Max. permitted finger length	mm	200
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	0.05

外觀尺寸圖 Dimensions

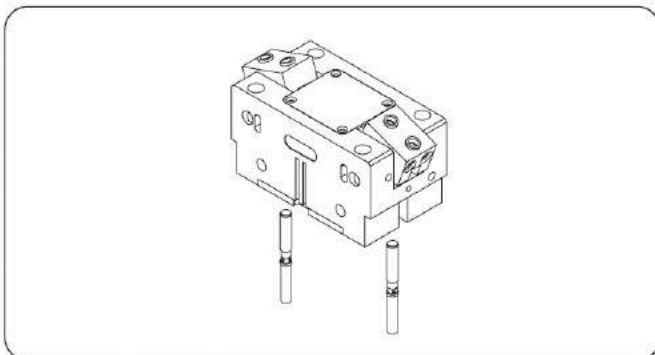
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1 機械手，連接介面。
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B Hole: main connection, gripper close
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2 Gripper connection interface

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RWG-200

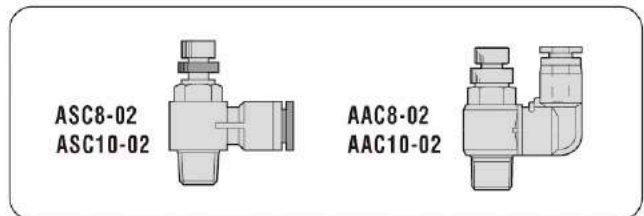
(無接觸式) 側邊感應器系統 (Non-contact) Side sensor system



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- (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



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- 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
ASC8-02	90度設計 Ø8管徑 90 degrees design ø8 diameter	2
ASC10-02	90度設計 Ø10管徑 90 degrees design ø10 diameter	2
AAC8-02	直通設計 Ø8管徑 Straight design ø8 diameter	2
AAC10-02	直通設計 Ø10管徑 Straight design ø10 diameter	2