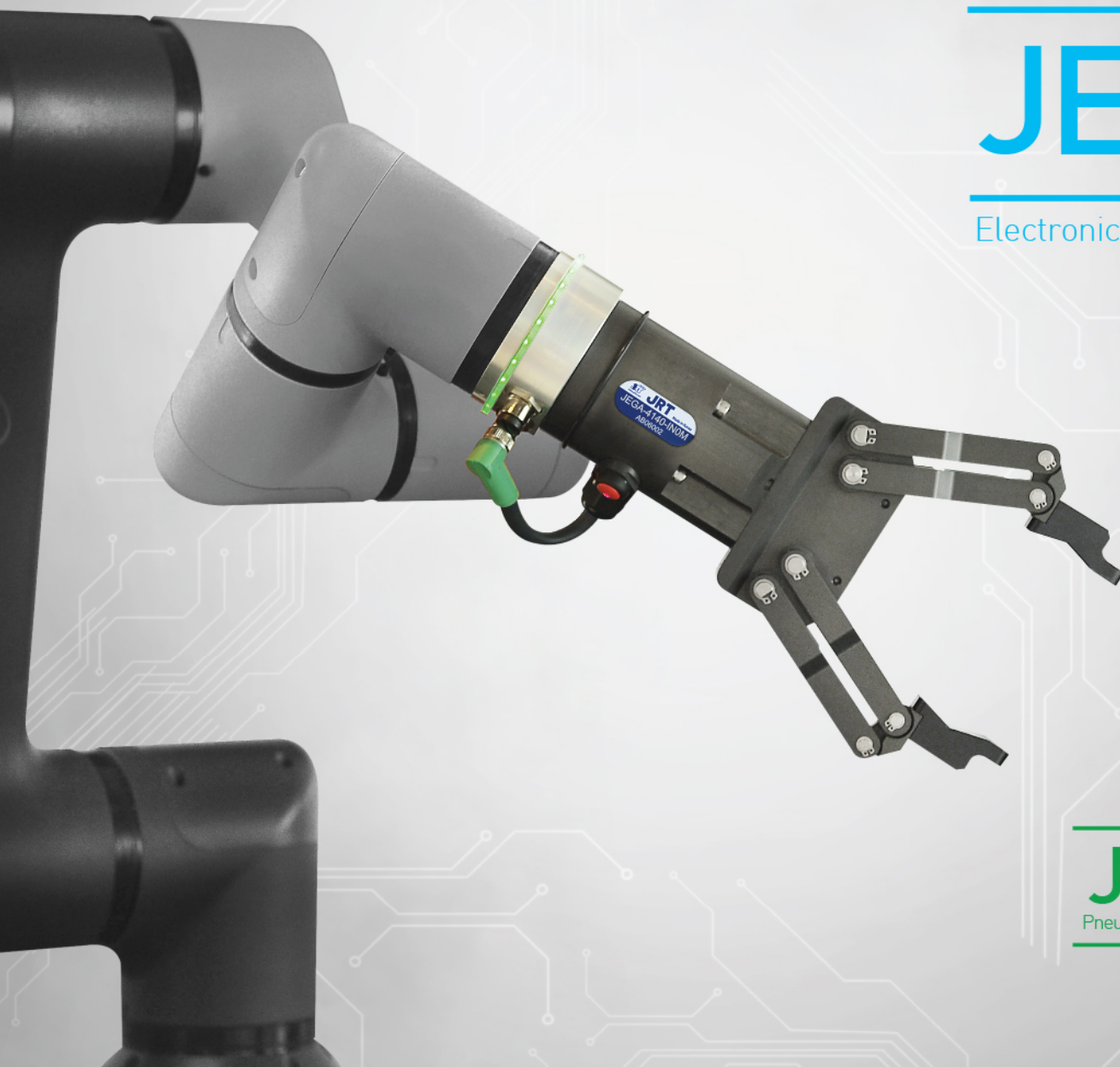


P N E U M A T I C & M O T O R D R I V E N A C T U A T O R S



JEG

Electronic Gripper



JPG

Pneumatic Gripper

 (주)주강로보테크

The World Best Actuator Technology

JRT will provide efficient production management through the pneumatic machine equipped with world-class technology.

www.jrtfa.com

JEGA^{전동}

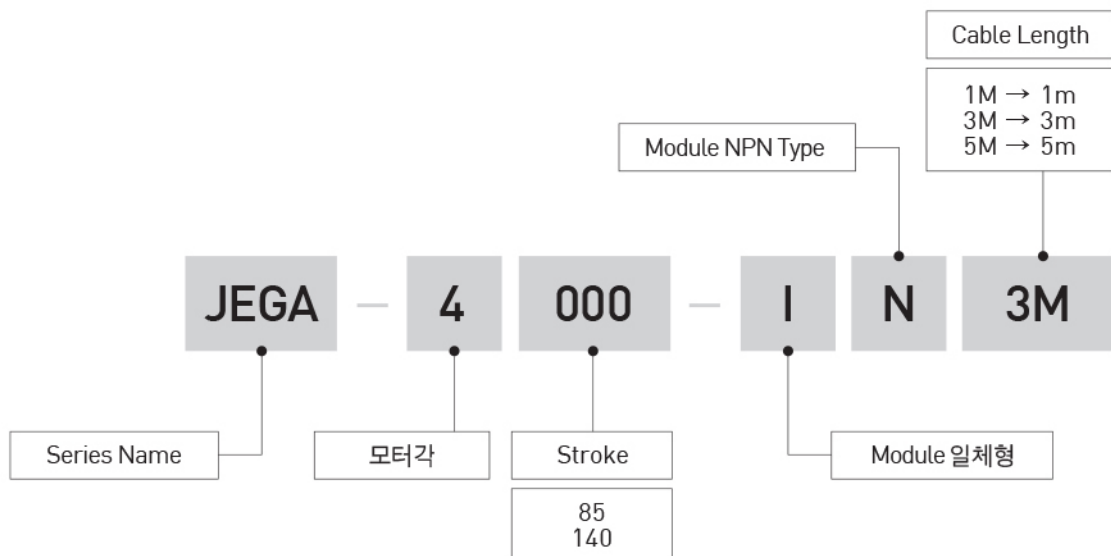
POWER / SPEED / LOCATE

- Emergency 스위치 장착으로 협착 등 비상 발생 시 안전성 확보
- Speed, Torque, Stroke 제어 가능
- 칩, 분진 발생 및 절삭유를 사용하는 열악한 환경에서도 충분히 사용가능한 IP55등급 실현
- 기구적 Self-Lock기능(전원차단시 낙하방지)
- 85, 140의 Long Stroke 제품
- Jaw 위치 변경시 GUI를 통한 좌표값 저장
- 기구부 주요 마찰부에 내구성, 내식성 표면처리기술 적용



Windows 기반의 태블릿PC와 노트북을 활용한 쉬운티칭
노트북 또는 태블릿에 직관적인 GUI를 적용한 쉽고 빠른 설정
GRIPPER의 설정상태 simulation 가능

Ordering Code



Specification

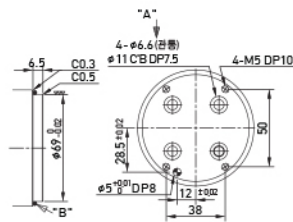
JEGA-4140

MECHANICAL SPECIFICATIONS

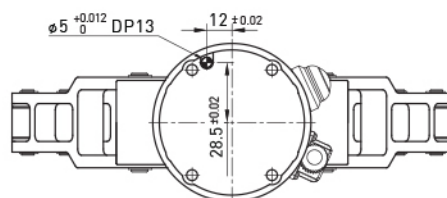
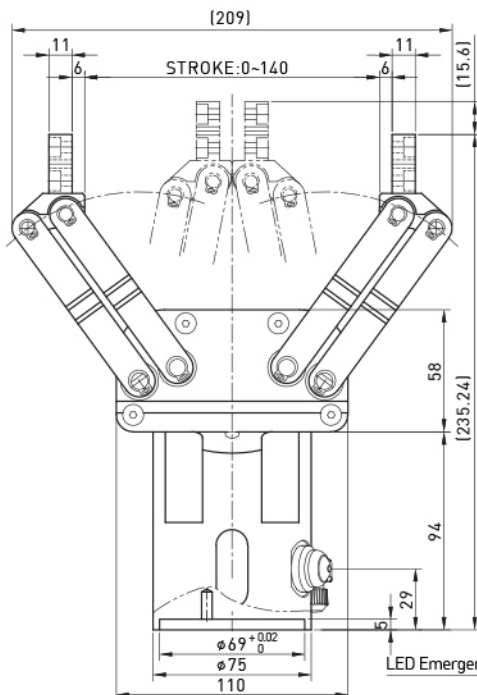
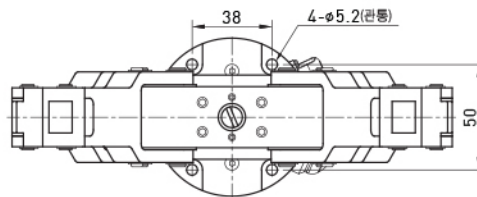
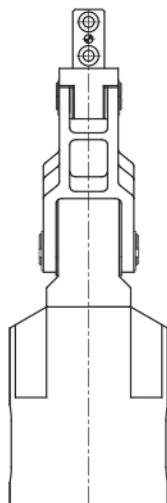
- ▶ Gripper opening (see figure) : 0 to 140mm
- ▶ Gripper weight : 1.75Kg
- ▶ Maximum recommended payload : 3Kg
(friction : 0.3, safety factor : 2.6)
- ▶ Grip force : 15~150N
(±15%, varies with speed and force parameters)
- ▶ Closing speed : 10 ~ 112 mm/s
- ▶ Operating temperature : -10°C ~ 50°C
- ▶ Grip repeatability : ±0.08 mm

■ IP55등급 취부 참고도

< Joint 취부 참고도 >

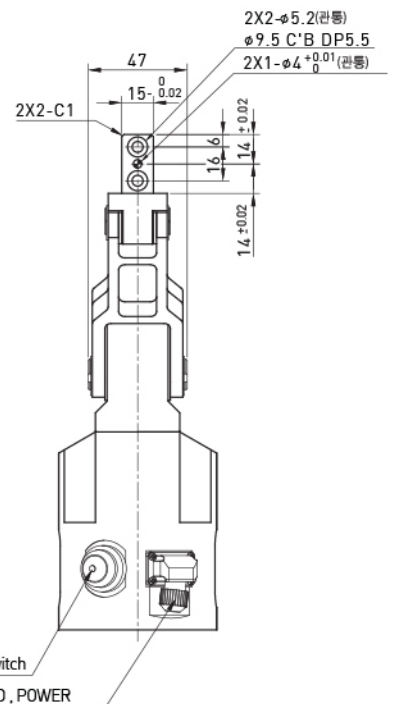


- ▶ "A" 부위 관련 M6용 별와셔 4EA - 동봉
- ▶ "B" 부 오링 - 동봉
- ▶ 전동그리퍼 취부 M5용 별와셔 4EA - 동봉



ELECTRICAL, CONTROL SPECIFICATIONS

- ▶ Nominal supply voltage : 24 V DC ±10%
- ▶ Input current : 2~2.8A
- ▶ Communication protocol : RS-485(Half-duplex)
- ▶ Programmable gripping parameters :
Position, speed and force control
- ▶ LED Emergency Switch :
 - LED : Power Check
 - SWITCH : Emergency release button



Specification

JEGA-485

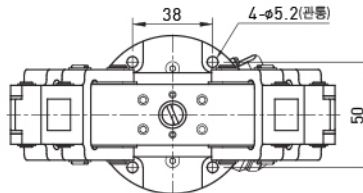
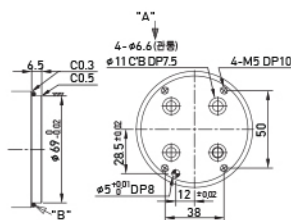
MECHANICAL SPECIFICATIONS

- ▶ Gripper opening (see figure) : 0 to 85 mm
- ▶ Gripper weight : 1.65Kg
- ▶ Maximum recommended payload : 5Kg
(friction : 0.3, safety factor : 2.6)
- ▶ Grip force : 30~250N
(±15%, varies with speed and force parameters)
- ▶ Closing speed : 10 ~ 112mm/s
- ▶ Operating temperature : -10°C ~ 50°C
- ▶ Grip repeatability : ±0.05 mm

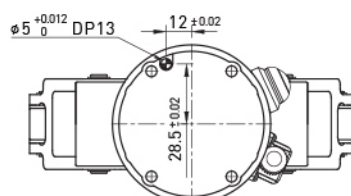
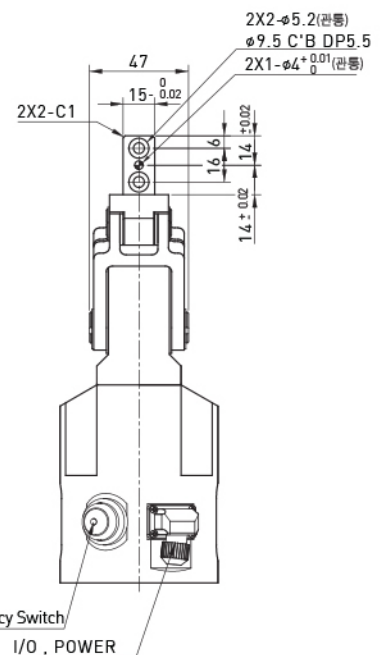
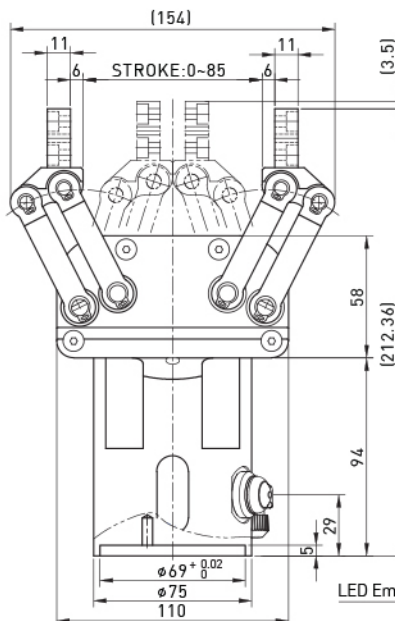
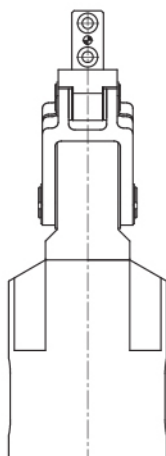
ELECTRICAL, CONTROL SPECIFICATIONS

- ▶ Nominal supply voltage : 24 V DC ±10%
- ▶ Input current : 2~2.8A
- ▶ Communication protocol : RS-485(Half-duplex)
- ▶ Programmable gripping parameters :
Position, speed and force control
- ▶ LED Emergency Switch :
 - LED : Power Check
 - SWITCH : Emergency release button

▪ IP55등급 취부 참고도 < Joint 취부 참고도 >

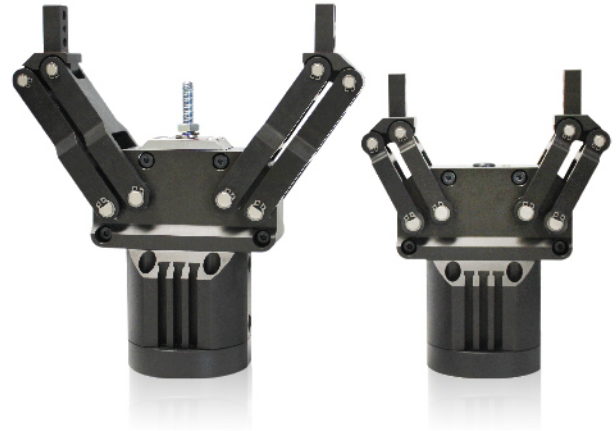


- ▶ "A" 부위 관련 M6용 쉘와서 4EA - 동봉
- ▶ "B" 부위 오링 - 동봉
- ▶ 전동그리퍼 취부 M5용 쉘와서 4EA - 동봉

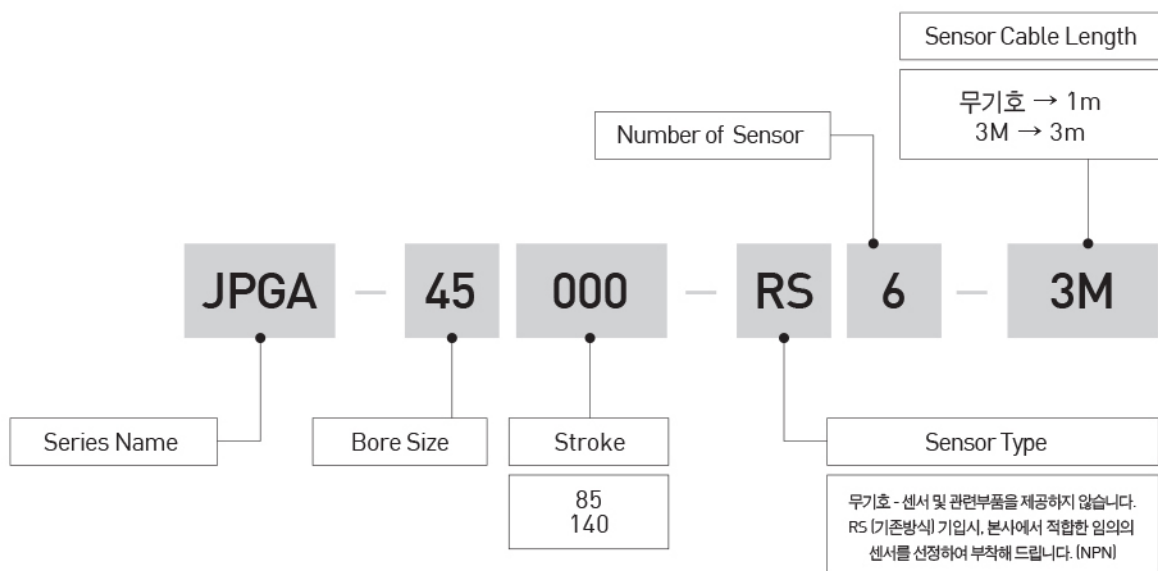


JPGA^{공압}

- 85, 140의 Long Stroke 제품
- Stroke 조절 가능 (OPEN)
- 다양한 Work 감지를 위한 센서 6개 장착 가능
- 로봇장착에 적합한 취부 (다관절, 협동 Robot)
- 기구부 주요 미찰부에 내구성, 내식성 표면처리 기술 적용



Ordering Code



Specification

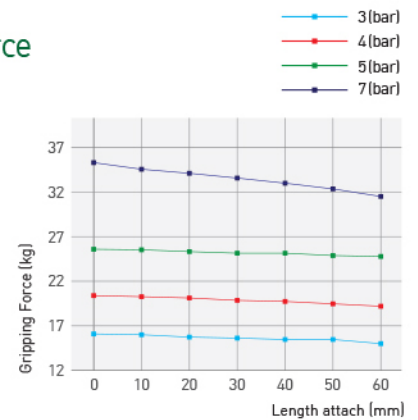
JPGA-45140

Products	JPGA-45140	Unit
개폐범위	0~140	mm
제품중량	1.5	kg
최대치구길이	60	mm
배관접속구	PF1/8	mm
파지력 : 열림시	그래프 참조	kg
파지력 : 닫힘시	그래프 참조	kg
1사이클당 공기소모량	93	cm ³
닫힘시/열림시 시간	0.2/0.2	sec
반복정밀도	±0.08	mm
연속사용회수	40	cpm
사용압력	3~7	bar
주위온도	-5 to 60	℃
유효	불필요	

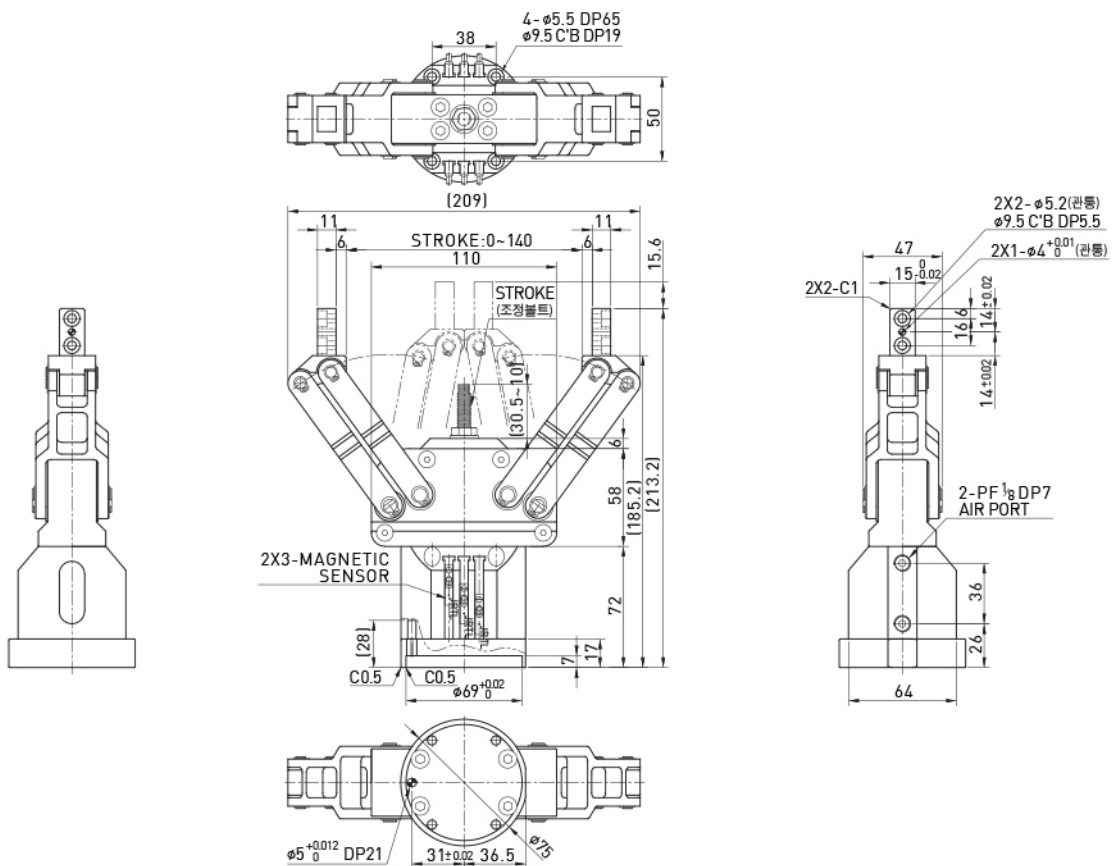
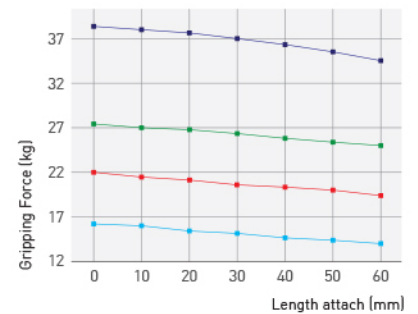
반복정밀도 : 연속 100회 작동후 측정치

- Gripping Force

CLOSE FORCE



OPEN FORCE



Specification

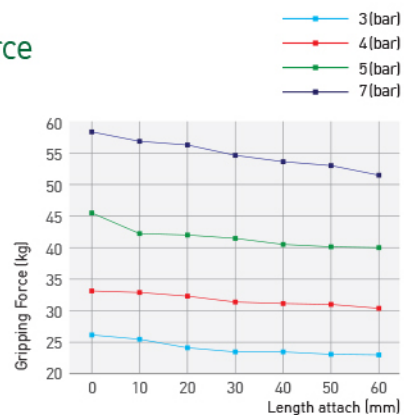
JPGA-4585

Products	JPGA-4585	Unit
개폐범위	0~85	mm
제품중량	1.3	kg
최대치구길이	60	mm
배관접속구	PF1/8	mm
파지력 : 열림시	그래프 참조	kg
파지력 : 닫힘시	그래프 참조	kg
1사이클당 공기소모량	93	cm ³
닫힘시/열림시 시간	0.2/0.2	sec
반복정밀도	±0.05	mm
연속사용회수	40	cpm
사용압력	3~7	bar
주위온도	-5 to 60	℃
윤활	불필요	

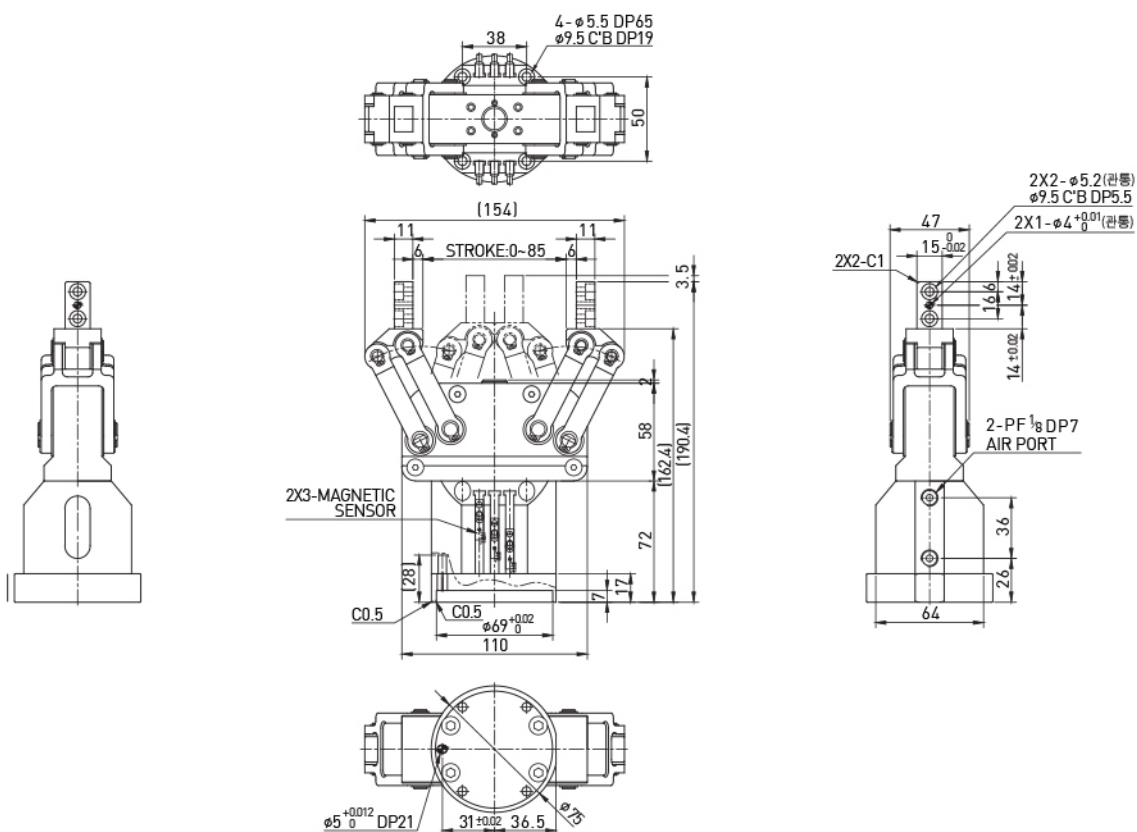
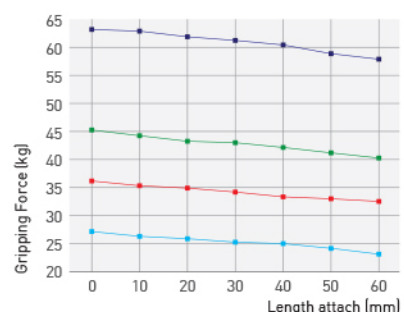
반복정밀도 : 연속 100회 작동후 측정치

- Gripping Force

CLOSE FORCE



OPEN FORCE





 (주)주강로보테크

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