

특징 (Character)

- 링크레버 방식을 적용한 컴팩트 구조
Compact structure using link lever type.
- 적층 구조로 부분 A/S 가능 (유지보수비용 절감)
Easy A/S due to laminated structure (Reduce maintenance cost)
- JAW GUIDE 연장으로 인해 구조강성 향상
Improvement in structural stiffness by extension of jaw guide.
- 편리성을 추구한 외부 조절가능 센서감지부 적용
External adjustable sensing for convenience.
- WEDGE 방식에 비해 악조건 환경에서 동작안정성 탁월
Excellent stability of operation compare to wedge type under adverse conditions.
- 기존 AF46 TYPE과 호환 가능
Compatible with existing AF46 type.



링크레버 방식 (Link lever type)

CP (Center pusher)

워크 밀착을 위한 장치
Device is for sticking the object

취부 (Mounting)

손쉬운 취부 방식
Easy to mounting

센서 브라켓 (Sensor bracket)

근접 센서 부착용
brackets for proximity
switch and adjustable
control cams integrated
into the housing

구동부 (Drive)

복동식
double acting
pneumatic cylinder

몸체 (Body)

경질 처리된 경량의
알루미늄 합금
high-tensile aluminum body with
lightest possible because of
hard anodizing

조 (Jaws)

열처리된 고강성의
파지부
High stiffness JAW
after heat-treated.

슬라이드웨이 (Slideway)

워크 파지시 유격을
최소화하기 위한 정밀 가공
Minimize the gap when grip the
object through precision processing

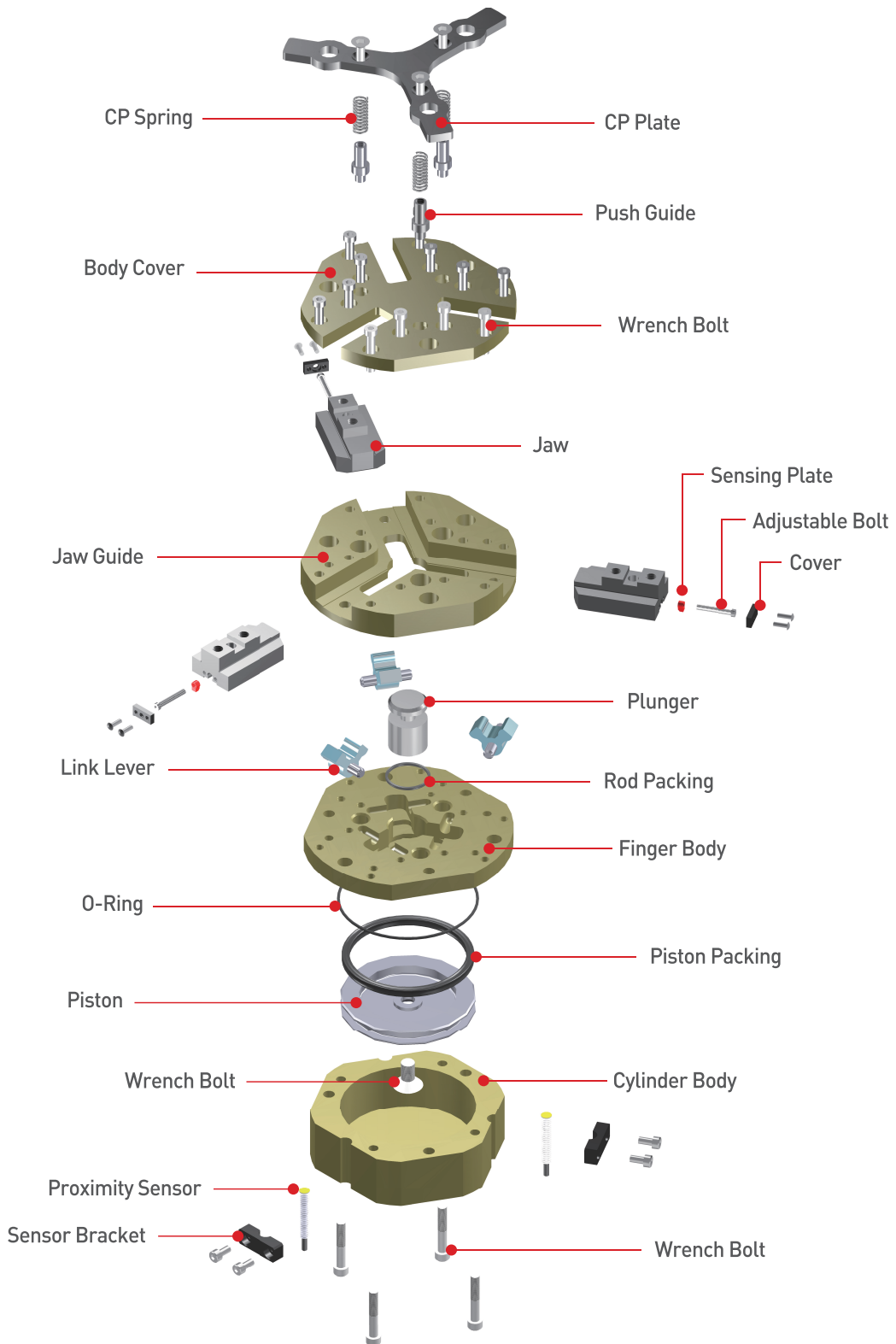
작동 방식 (Kinetics)

링크레버 방식
Great gripping force by
link lever

GRIPPER

AF46N-40,55,75,95

부품분해도 (Exploded view)



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주문기호 (Ordering Code)



**상시개/폐(常時開/閉) 옵션
Permanent on/off option**

NO : Normal Open
[스프링을 이용한 상시 Open Type]
NC : Normal Close
[스프링을 이용한 상시 Close Type]

*공간 제약상 SPRING만으로 공압에 준하는 유지력을 발생시킬 수 없습니다.
*표준타입보다 높이가 상승하며, 개발예정입니다.

NO : Normal Open
[Permanent open-type using spring]
NC : Normal Close
[Permanent close-type using spring]

* Because of space restriction, the sustaining force equivalent to pneumatic cannot be exerted using only a spring.

**근접 센서
Proximity Sensor**

무기호 - 센서 및 관련부품을 제공하지 않습니다.

* 3선식 NPN 출력방식이 기본이며, 제품에 부착 가능한 센서 규격 및 주문기호는 카다로그를 참조하기 바랍니다.

Nil - Sensor and relevant parts are not supplied.
*3-line type NPN output method is the standard supply. For the specification of sensor attachable to the product and the sensor order code, refer to details of sensor part.

**CP 감지 근접센서
CP Sensing Proximity Sensor**

1 - 1개 (브라켓 포함)
무기호 - 장착 안함 (브라켓 없음)

1 - 1pc
Nil - None



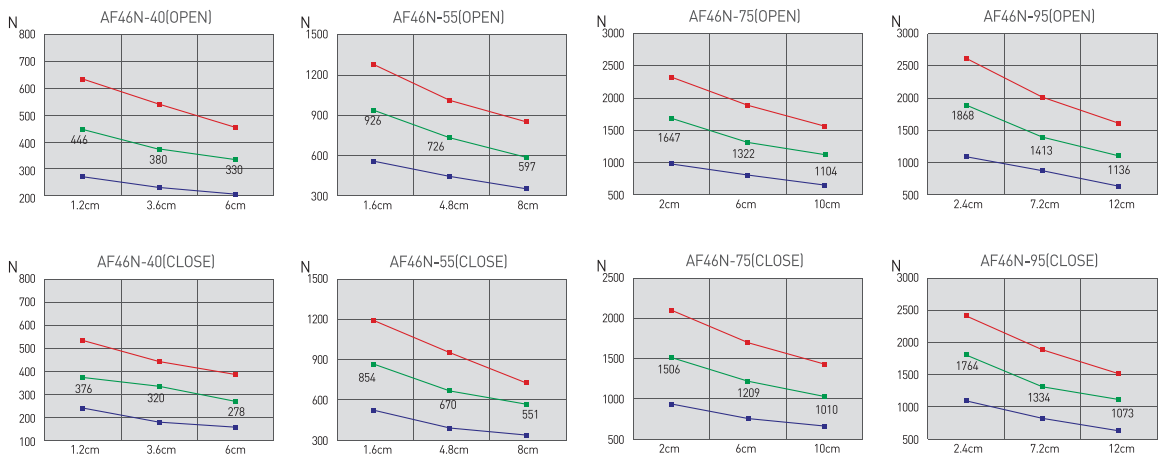
☐ 제품사양 (Specification)

P=공기압력(bar) , L=작동점까지의 거리(mm)
P=Air Pressure(bar) , L=Exertion length(mm)

제품명칭 Products Name	AF46N-40	AF46N-55	AF46N-75	AF46N-95	단위 Unit
개폐범위 Stroke	15	20	24	30	mm
제품중량 Weight	0.65	1.1	2.0	3.5	kg
최대치구길이 Max. length attach	60	80	100	120	mm
배관접속구 Fitting size	M5	M5	PF(G) 1/8	PF(G) 1/8	
파지력 : 열림시 Gripping force : Open	97.78P / (1+0.008L)	214.78P / (1+0.01L)	375.42P / (1+0.007L)	445.27P / (1+0.008L)	N
파지력 : 닫힘시 Gripping force : Close	82.42P / (1+0.008L)	198.23P / (1+0.01L)	343.40P / (1+0.007L)	420.53P / (1+0.008L)	N
1사이클당 공기소모량 Air consumption per cycle	24	50	115	229	cm ³
닫힘시/열림시 시간 Closing / Opening time	0.02/0.02	0.05/0.05	0.10/0.10	0.20/0.20	sec
반복정밀도 Repeat accuracy	0.01	0.01	0.01	0.02	mm
연속사용회수 Continuation usage amount	50	50	40	40	cpm
사용압력 Operating pressure	3~7	3~7	3~7	3~7	bar
주위온도 Ambient temperature	-5 to 60	-5 to 60	-5 to 60	-5 to 60	℃
윤활 Lubrication	불필요 Needless	불필요 Needless	불필요 Needless	불필요 Needless	

☐ 작용점에서의 파지력 (Gripping Force From a Point of Action)

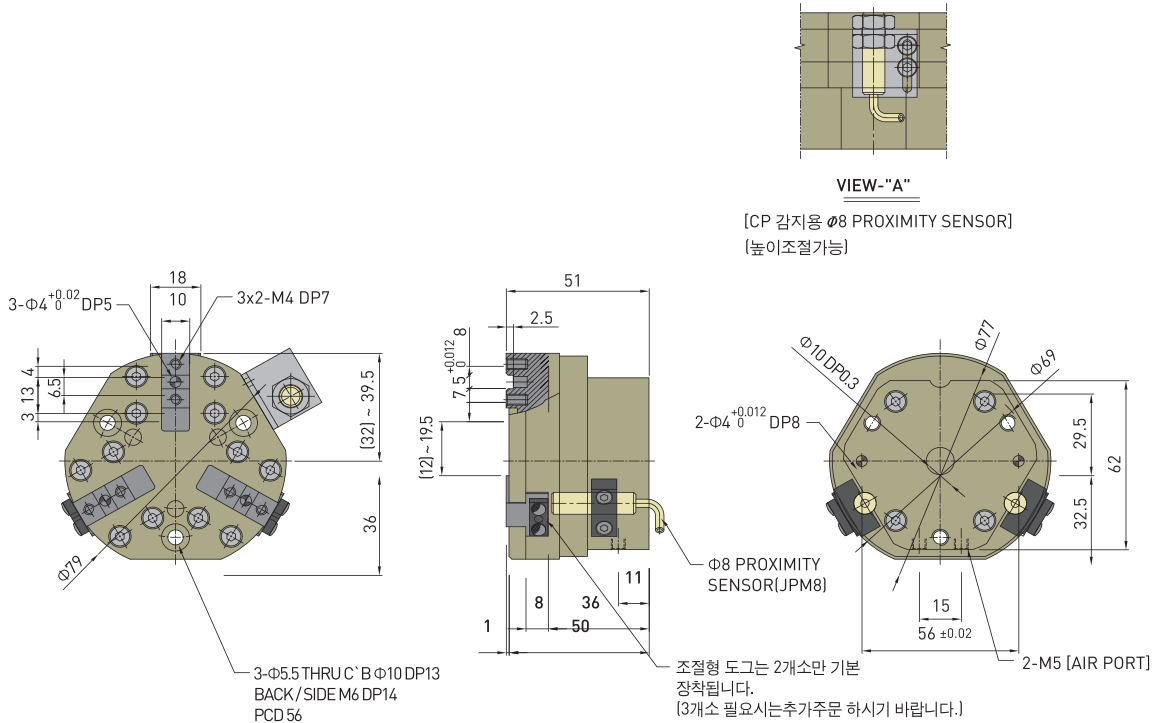
범례(Legend) : —■ 7[bar] —■ 5[bar] —■ 3[bar]



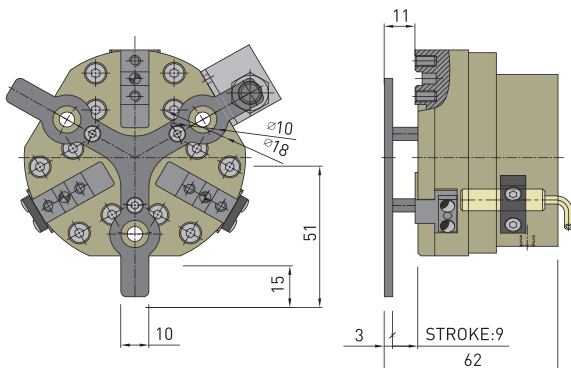
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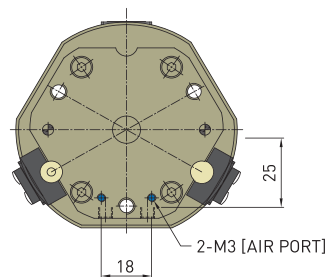
AF46N-40



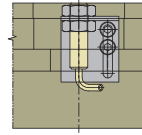
CP OPTION DIMENSION



BP OPTION DIMENSION

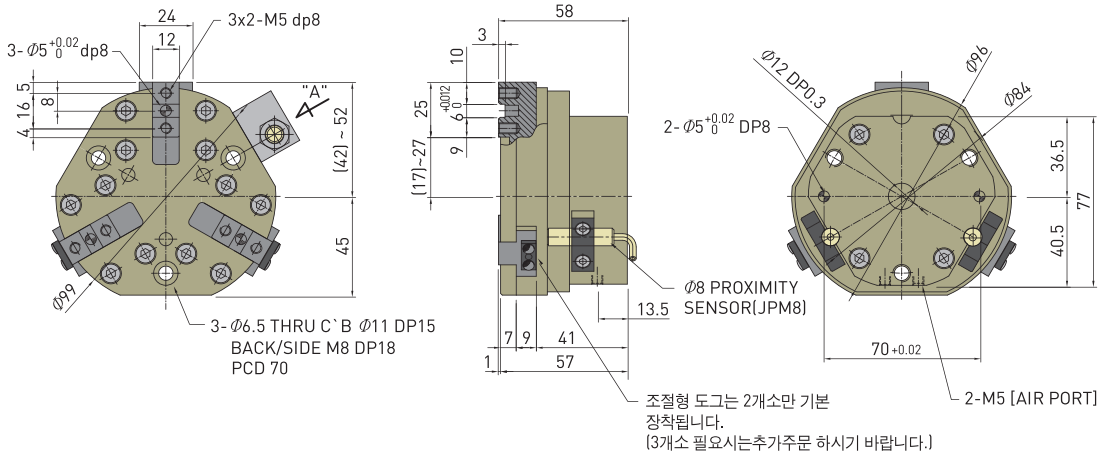


AF46N-55

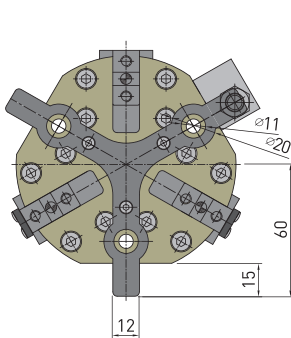


VIEW-"A"

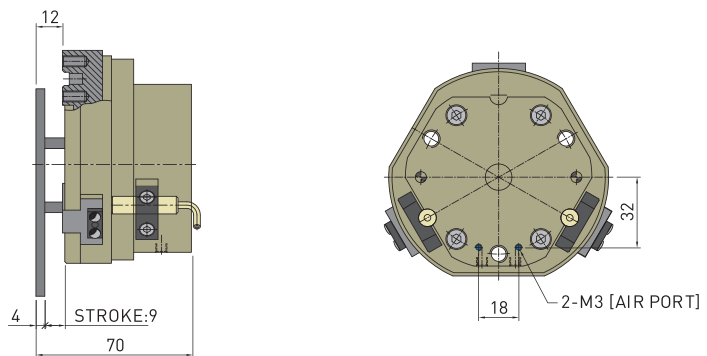
[CP 감지용 $\phi 8$ PROXIMITY SENSOR]
[높이조절가능]



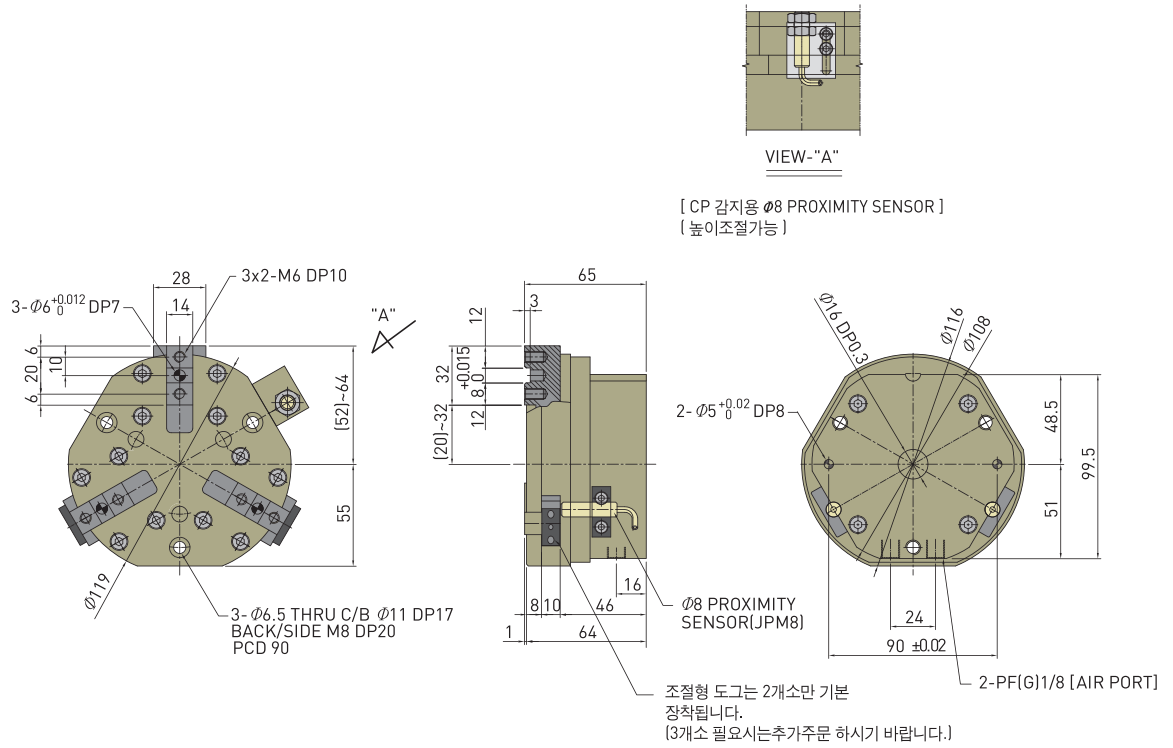
■ CP OPTION DIMENSION



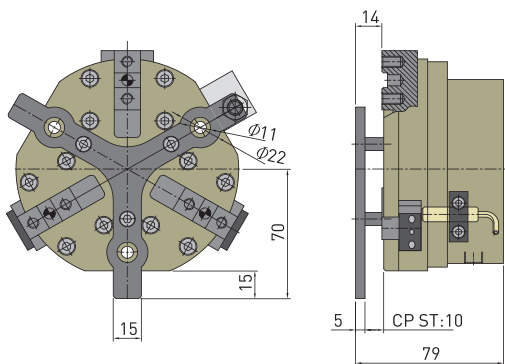
■ BP OPTION DIMENSION



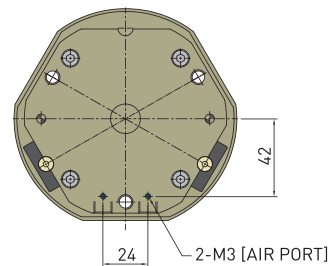
AF46N-75



■ CP OPTION DIMENSION



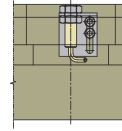
■ BP OPTION DIMENSION



GRIPPER

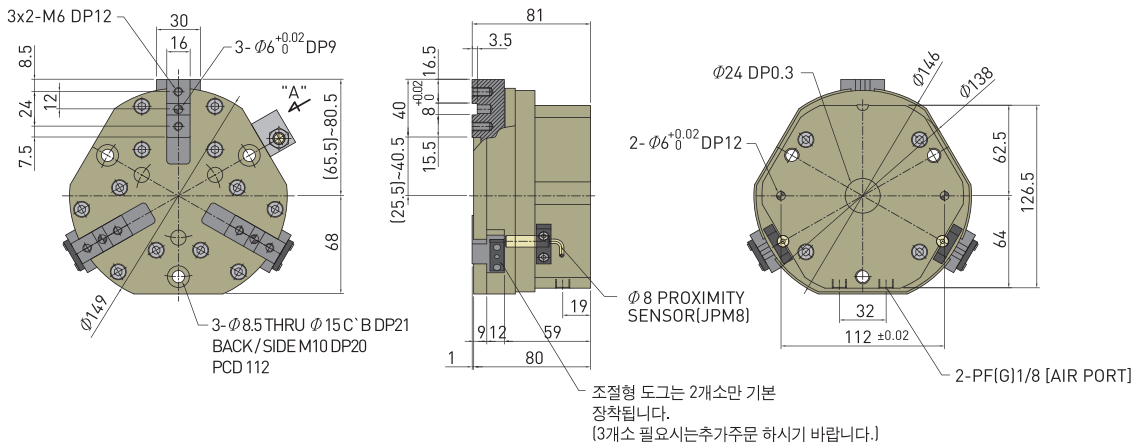
AF46N-40,55,75,95

AF46N-95

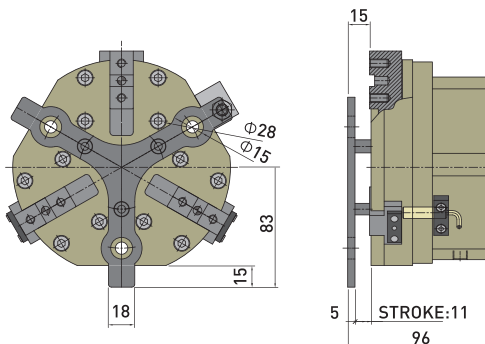


VIEW-"A"

[CP 감지용 $\phi 8$ PROXIMITY SENSOR]
[높이조절가능]



CP OPTION DIMENSION



BP OPTION DIMENSION

