



특징 (Character)

- TAPER ROLLER WAY & ROLLER를 이용한 구동방식
Roller way & Roller type
- 고정도, 고강성 구조로 안정된 파지력
High precision & strength structure
- 박형 BODY의 3방향 취부가능
Easy to 3-directions(compact body)
- 개폐검출 센서 전기종 부착가능
Magnetic sensor is available for open-close sensing



롤러 & 테이퍼 롤러가이드 방식 (Taper roller way & Roller type)

작동 방식 (Kinetics)

정교한 파지를 위한 유격이 작은
롤러 가이드 방식
roller guide type precise
gripping

구동부 (Drive)

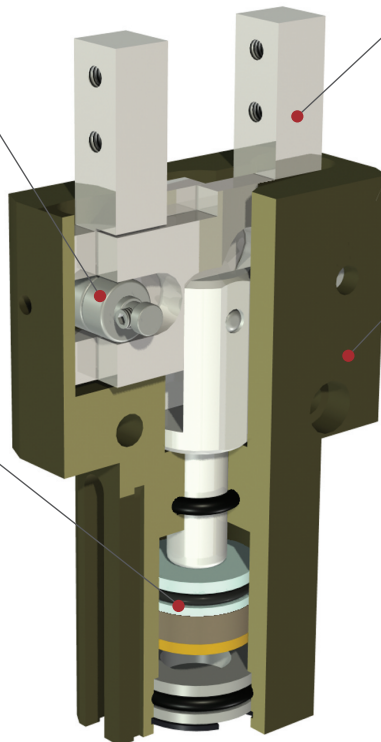
복동식
double acting
pneumatic cylinder

조 (Jaws)

파지부
for gripping

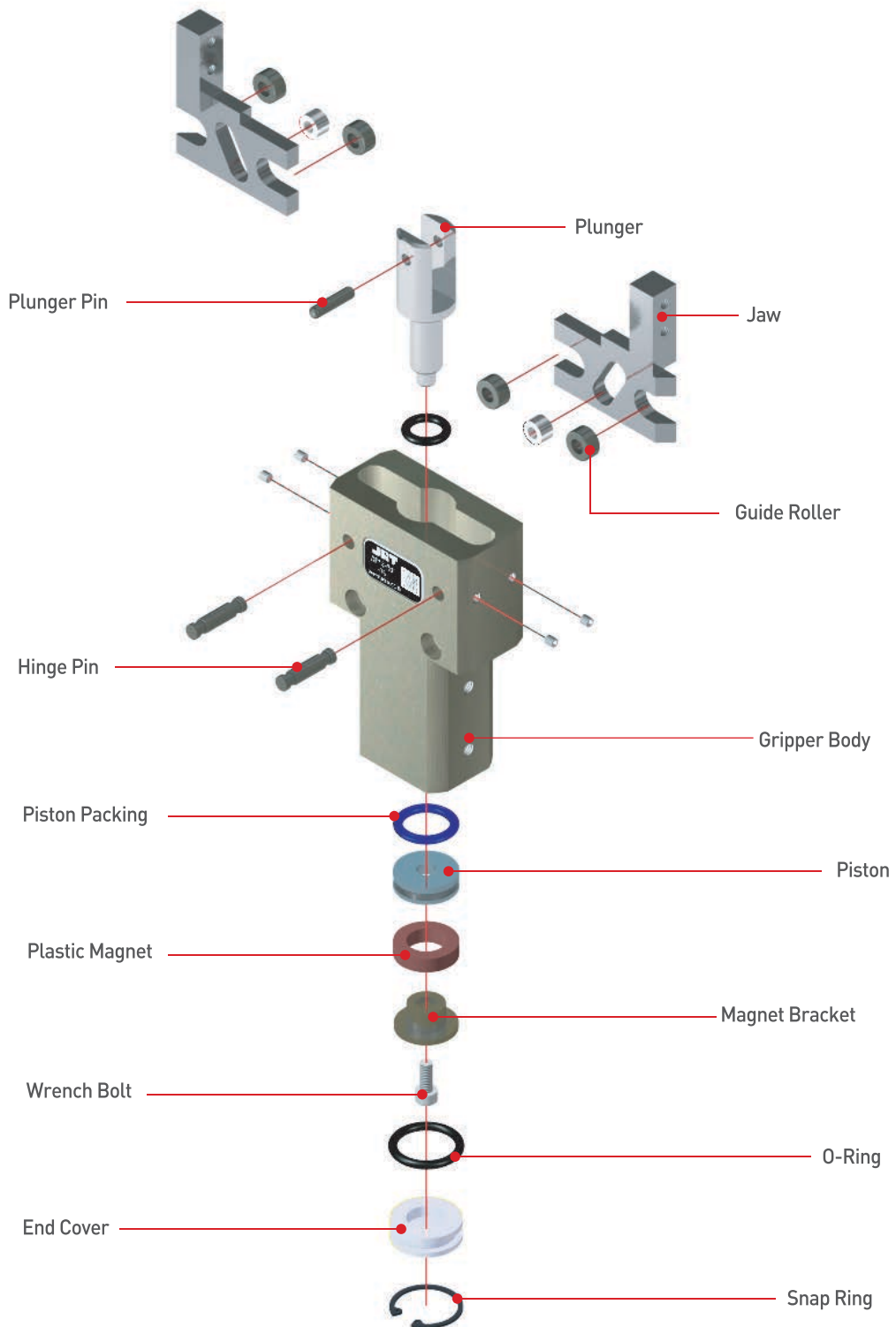
몸체 (Body)

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



부품분해도 (Exploded view)

※ 본 분해도는 한 제품을 예시하였으므로 기종별로 차이가 있을 수 있습니다
 ※ This exploded view illustrates a certain product only. The contents may vary by product models.



AF101

AF02

AF04P

AF105P

AF10

AF13

AF14

AF15

AF316

AF316L

AF416

AF17

AF117

AF24

AF26

AF28D

AF28DS

AF30 (SN)

AF30L

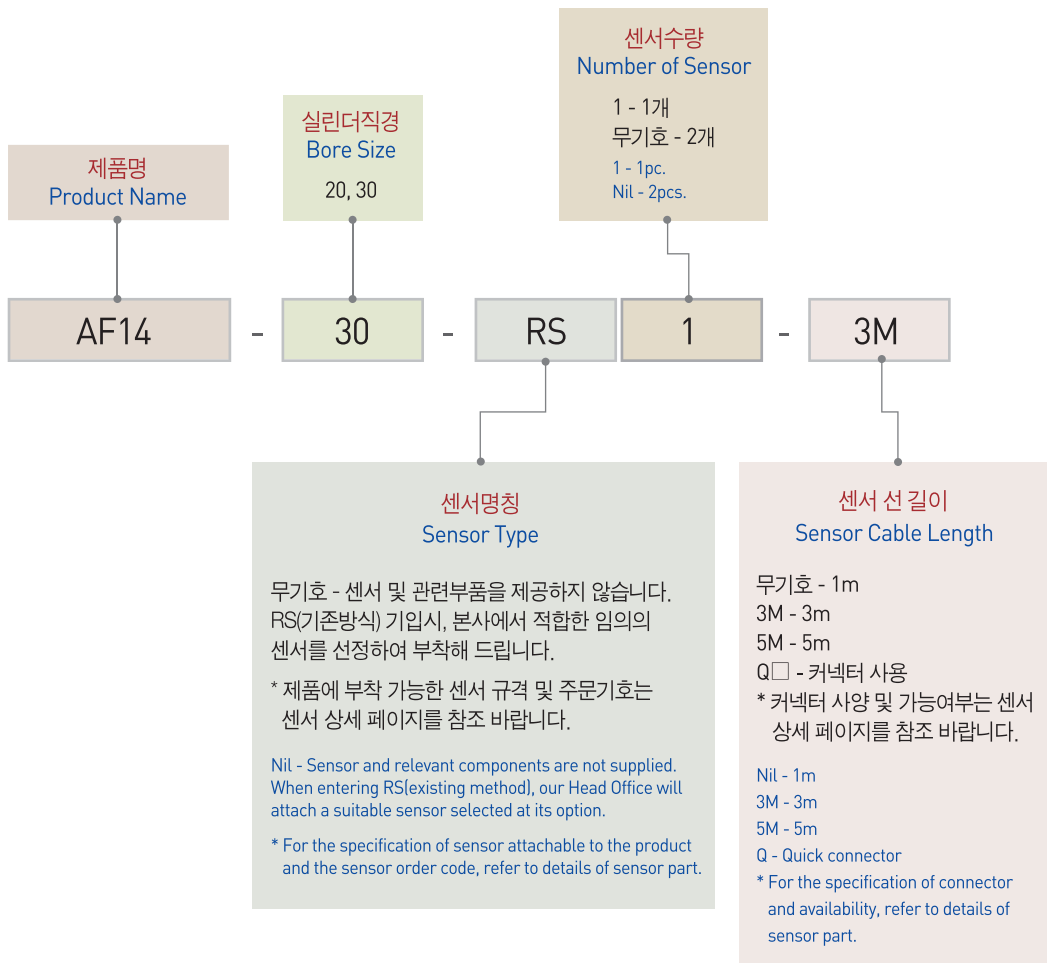
AF46 (SN)

AF56L

RAF56N

MF16

주문기호 (How to Order)



☐ 제품사양 (Specification)

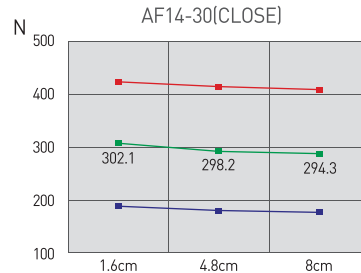
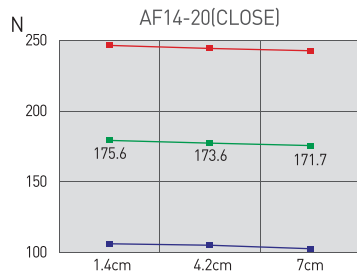
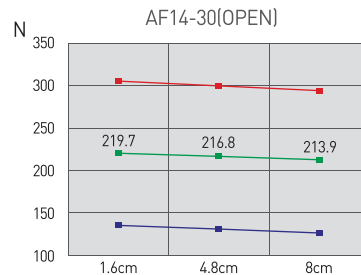
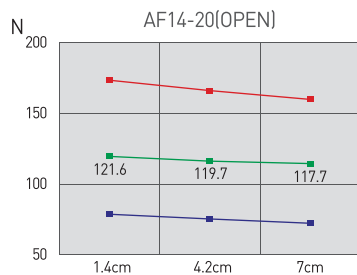
P=공기압력(bar), L=작용점까지의 거리(mm)
P = Air Pressure(bar), L = Gripping point distance(mm)

제품명칭 Products Name	AF14-20	AF14-30	단위 Unit
개폐범위 Stroke	10	12	mm
제품중량 Weight	0.38	0.72	kg
최대치구길이 Max. length attach	70	80	mm
배관접속구 Fitting size	M5	PF(G) 1/8	
파지력 : 열림시 Gripping force : Open	24.53(P-0.003L)	44.15(P-0.002L)	N
파지력 : 닫힘시 Gripping force : Close	35.32(P-0.002L)	60.82(P-0.002L)	N
1사이클당 공기소모량 Air consumption per cycle	5.5	14.6	cm ³
닫힘시/열림시 시간 Closing / Opening time	0.01/0.01	0.01/0.01	sec
반복정밀도 Repeat accuracy	0.03	0.03	mm
연속사용회수 Continuation usage amount	60	40	cpm
사용압력 Operating pressure	3~7		bar
주위온도 Ambient temperature	-5 to 60		℃
윤활 Lubrication	불필요 Needless		

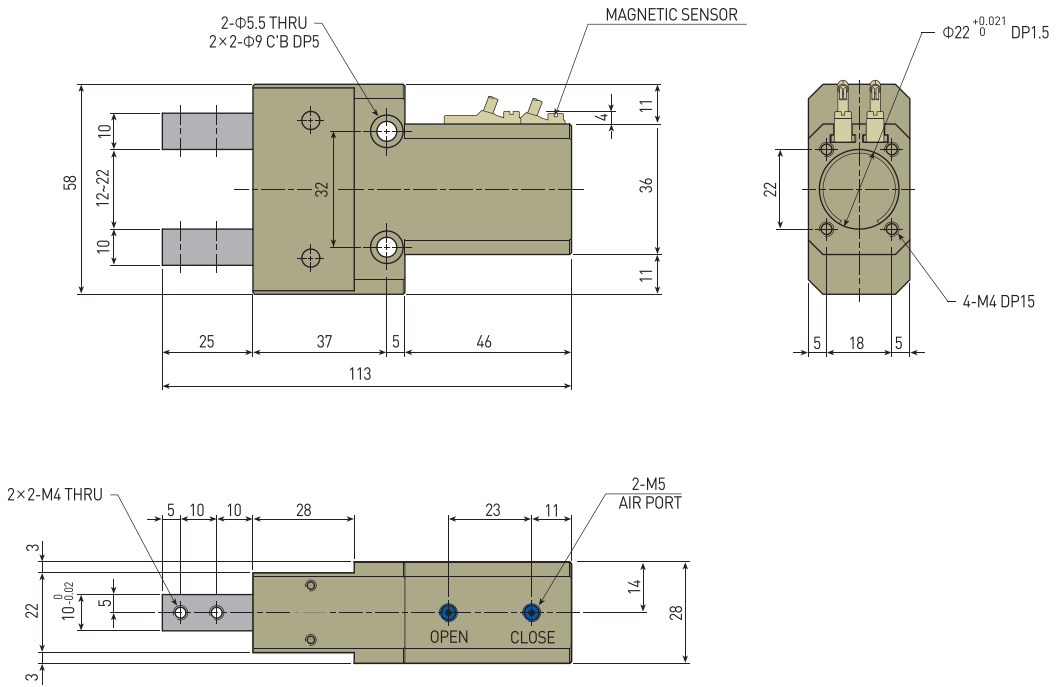
반복정밀도 : 연속 100회 작동후 측정치
After 100 consecutive strokes to end positions

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

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



AF14-20



AF14-30

