

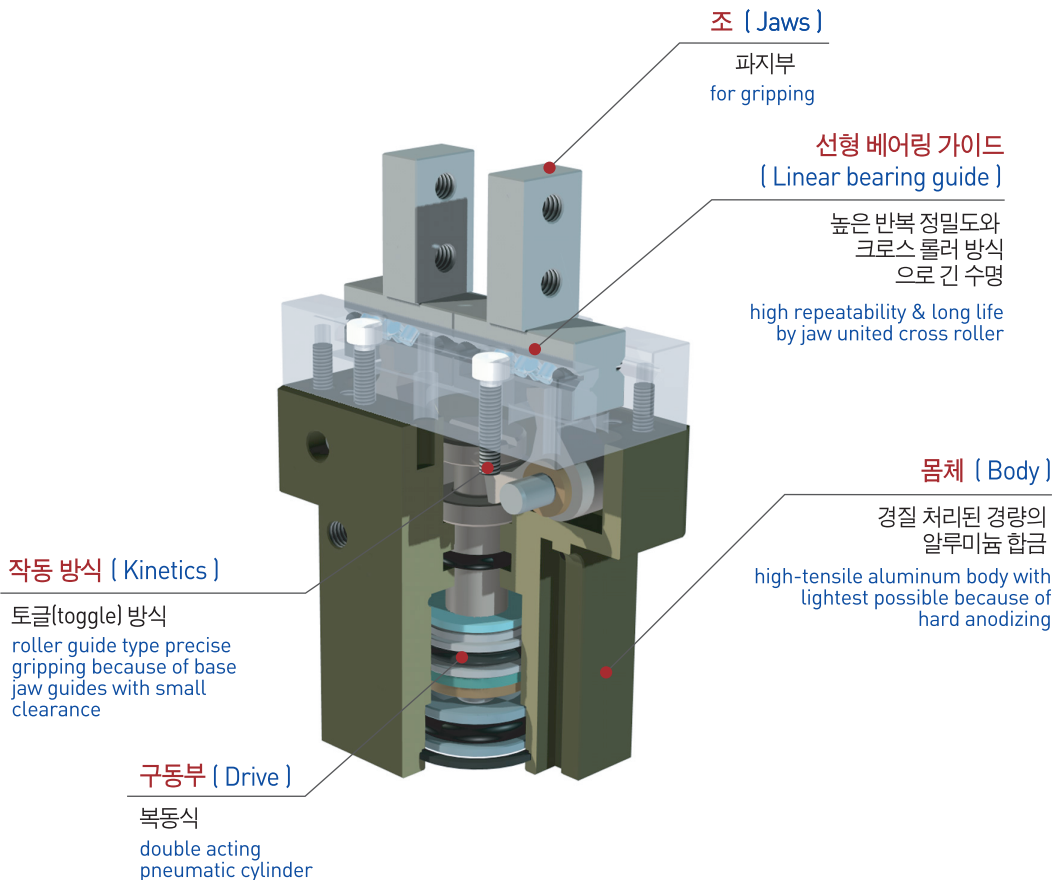


특징 (Character)

- 크로스 롤러를 사용한 고정밀 평행 개폐방식
Cross roller guide type
- 롤러 가이드의 병렬배치로 내구성 및 동작안정성 증가
Increase durability and movement stability through roller guide parallel layout
- 개폐 검출용 마그네틱 센서 부착가능
Magnetic sensor is available for open-close sensing
- 소형 경량제품에 적합
Suitable to grip a small and light workpiece
- 비틀림에 강한 플런저
It is strong plunger from twisted
- 높은 반복 정밀도
High repeatability

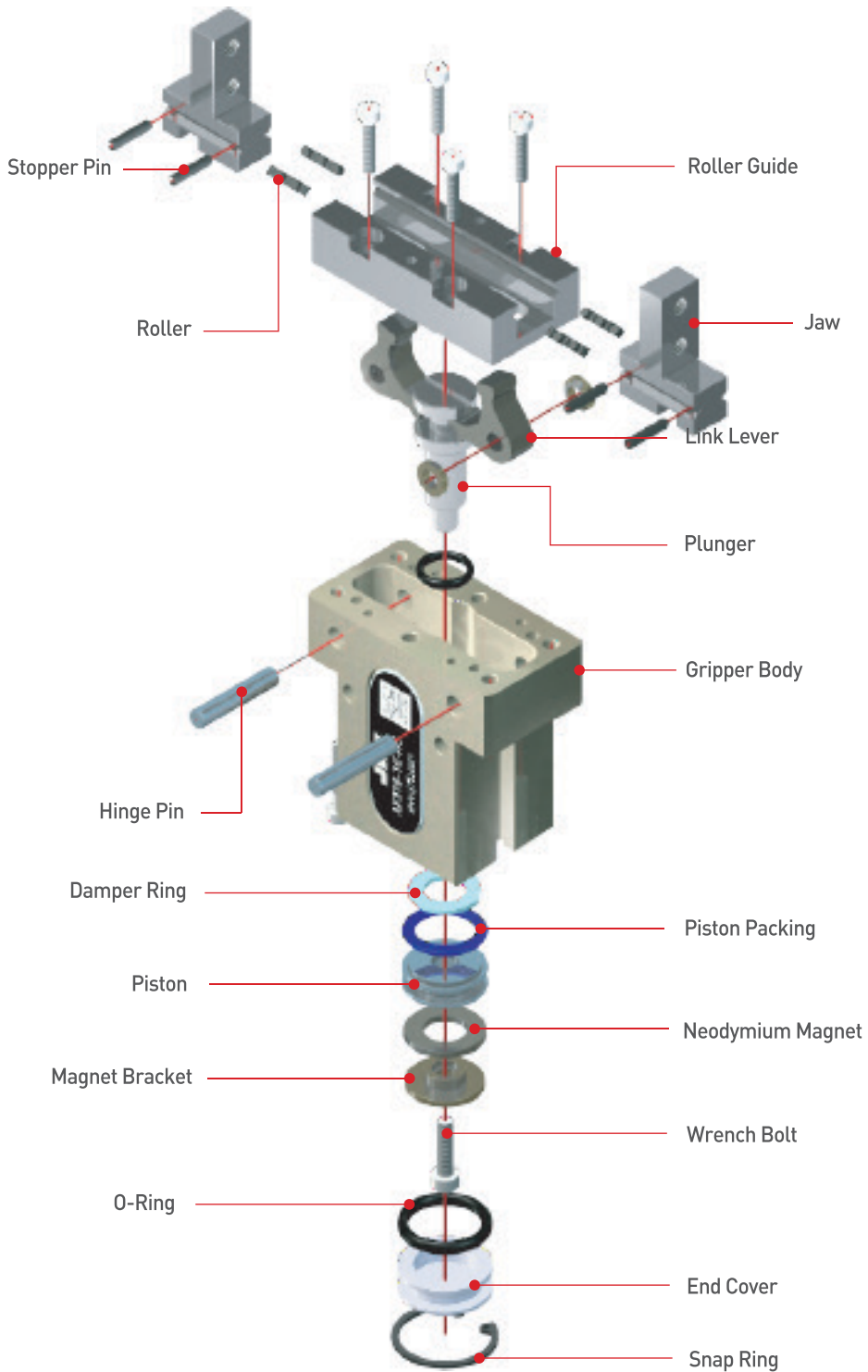


크로스 롤러 가이드 방식 (Cross roller guide type)



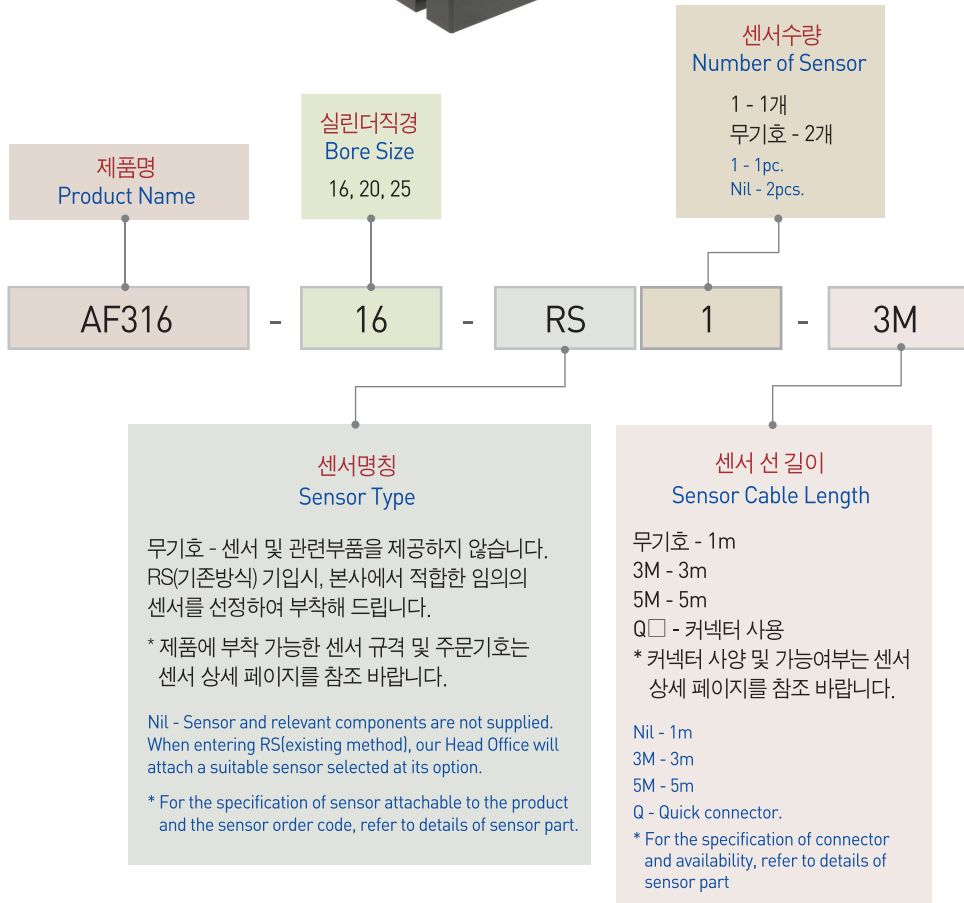
부품분해도 (Exploded view)

※ 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.

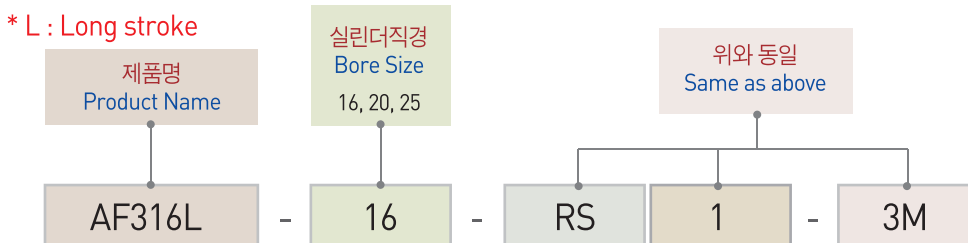


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AF28D
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AF30L
AF30SP
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AF46
AF56N
RAF56N
MF16

주문기호 (Ordering Code)



AF316L 주문기호 (AF316L Ordering Code)



☐ 제품사양 (Specification)

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

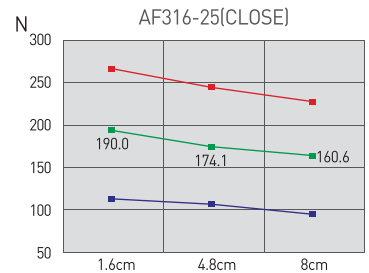
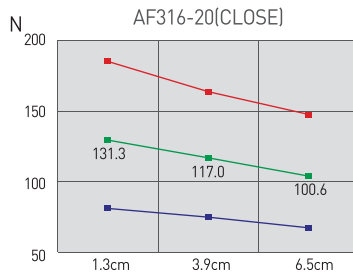
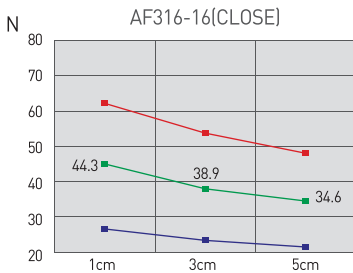
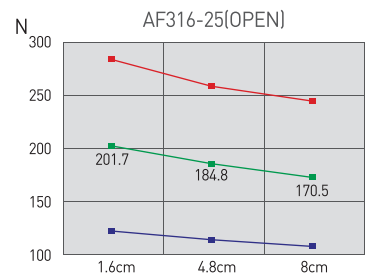
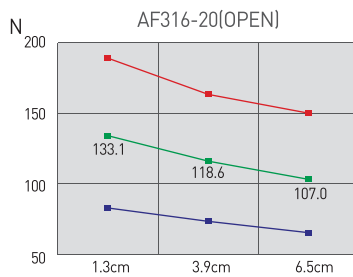
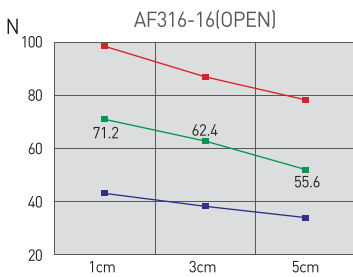
제품명칭 Products Name	AF316-16		AF316-20		AF316-25		단위 Unit
	Standard	AF316L-16	Standard	AF316L-20	Standard	AF316L-25	
개폐범위 Stroke	8	12	10	18	14	22	mm
제품중량 Weight	0.21	0.26	0.31	0.42	0.55	0.75	kg
최대치구길이 Max. length attach	50		65		80		mm
배관접속구 Fitting size	M5		M5		M5		
파지력 : 열림시 Gripping force : Open	15.3P/(1+0.0075L)		28.35P/(1+0.005L)		42.28P/(1+0.003L)		N
파지력 : 닫힘시 Gripping force : Close	9.52P/(1+0.0075L)		27.96P/(1+0.005L)		39.83P/(1+0.003L)		N
1사이클당 공기소모량 Air consumption per cycle	1.4	2.1	2.7	4.9	6.1	9.6	cm ³
닫힘시/열림시 시간 Closing / Opening time	0.01/0.01		0.01/0.01		0.01/0.01		sec
반복정밀도 Repeat accuracy	0.01		0.01		0.01		mm
연속사용회수 Continuation usage amount	60		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

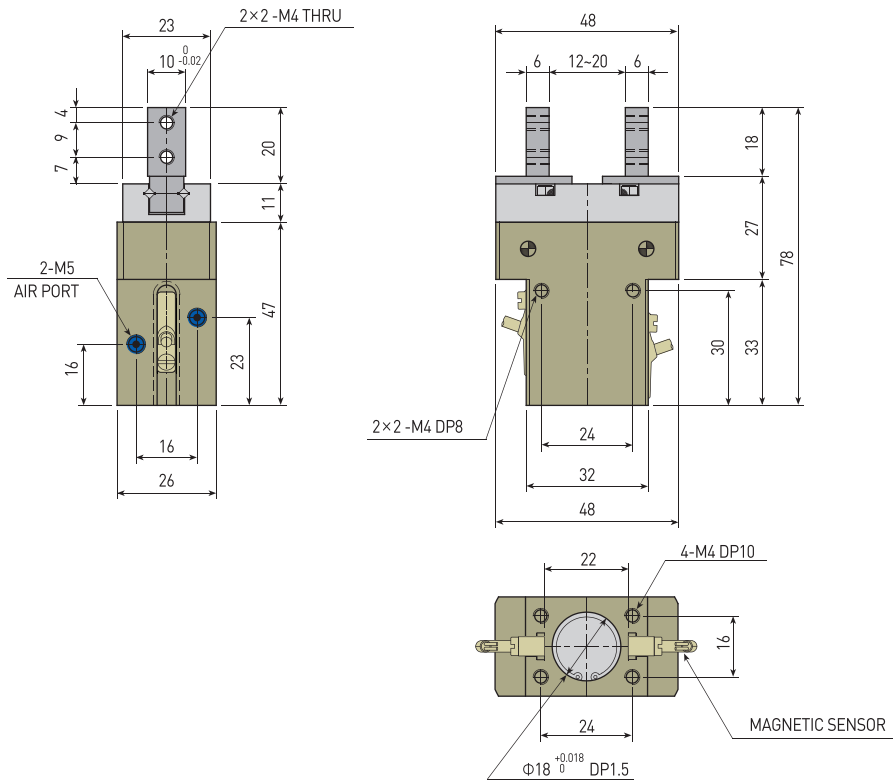
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☐ 작용점에서의 파지력 (Gripping Force From a Point of Action)

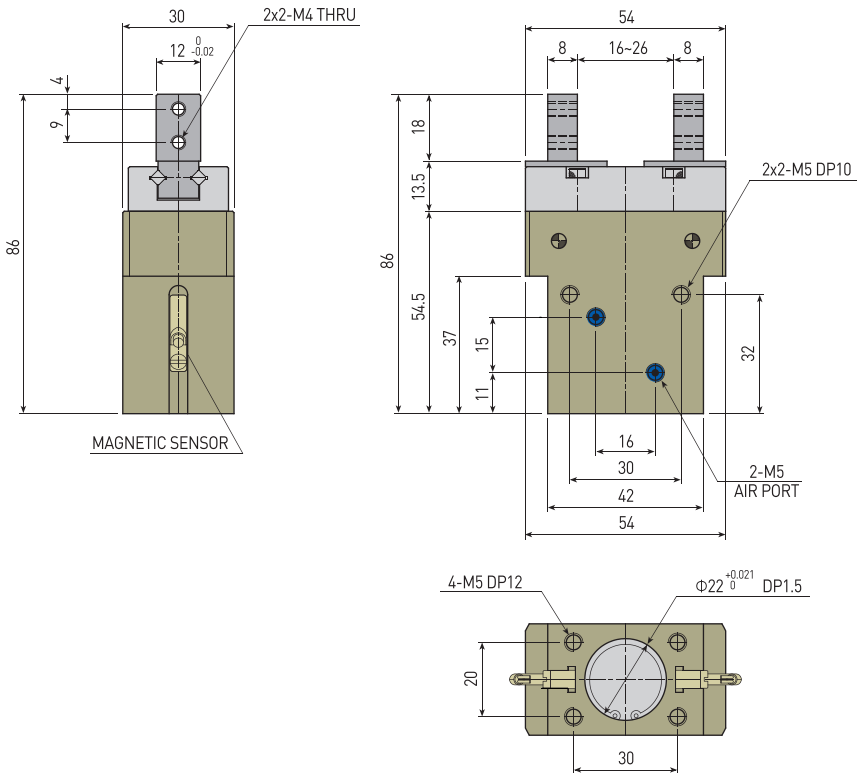
범례(Legend) : —●— 7[bar] —■— 5[bar] —■— 3[bar]



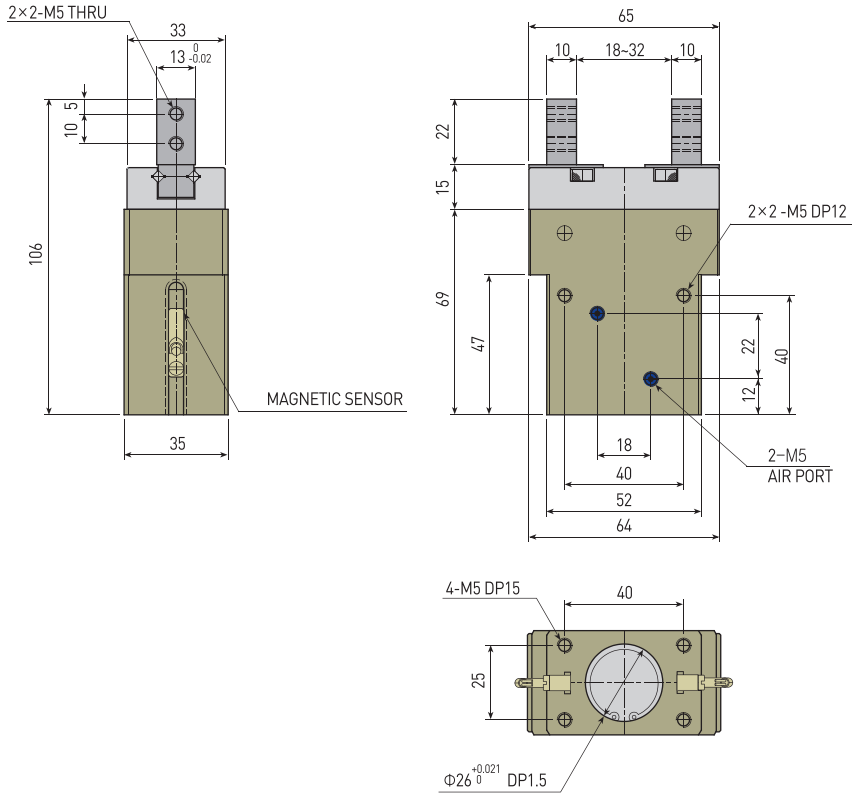
AF316-16



AF316-20



AF316-25

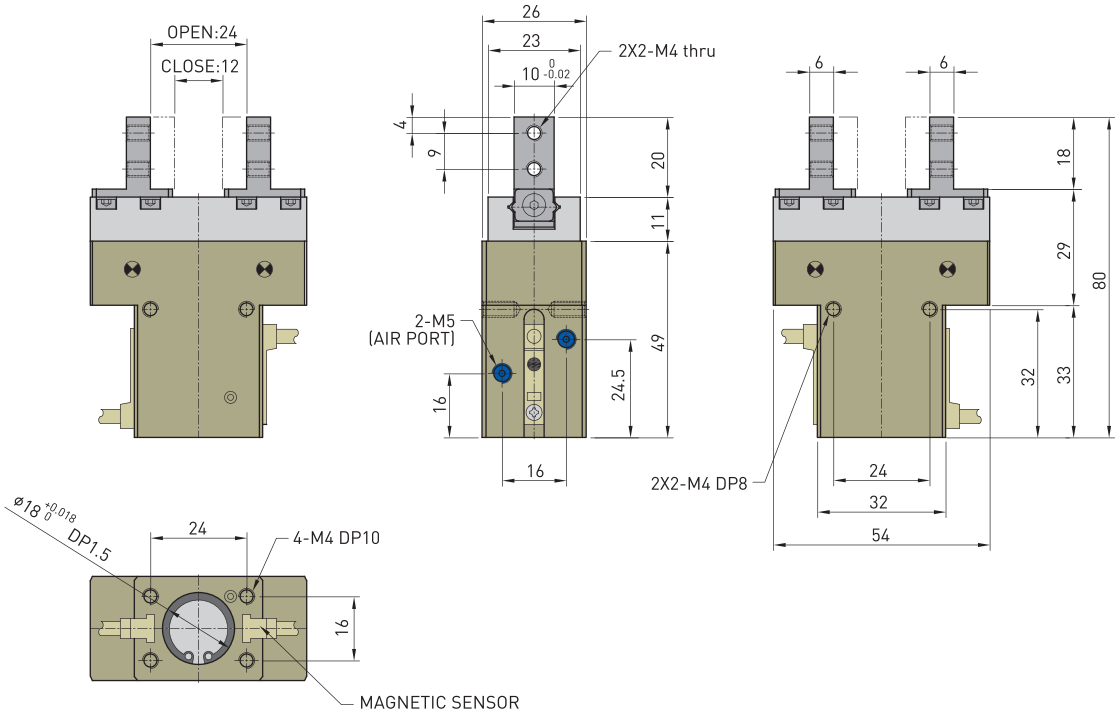


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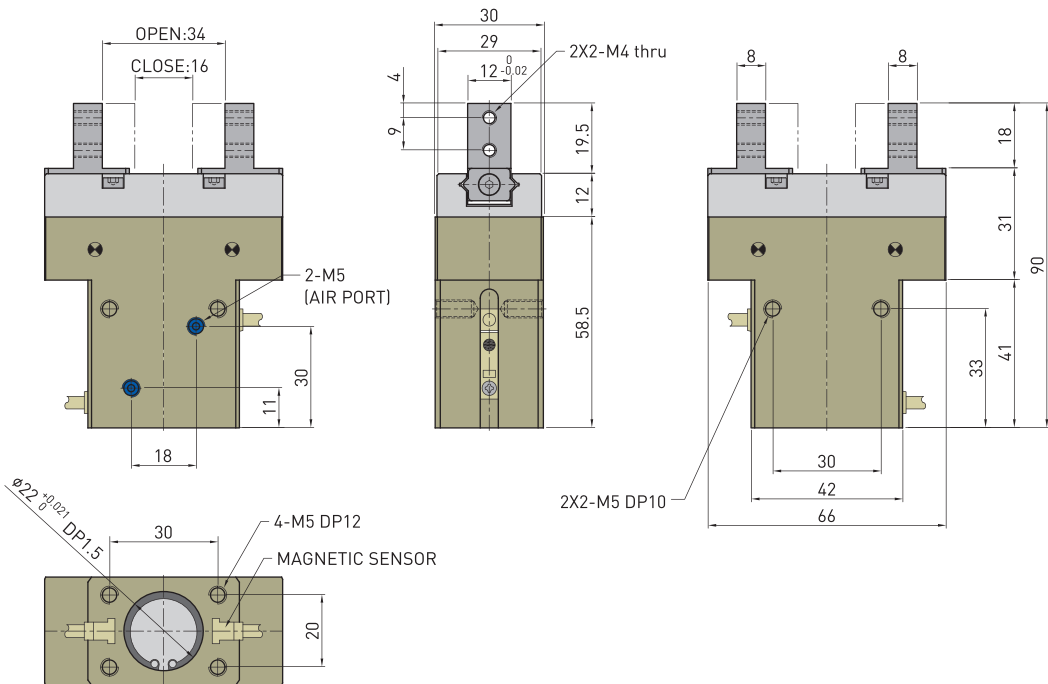
NOTE

Empty box for notes.

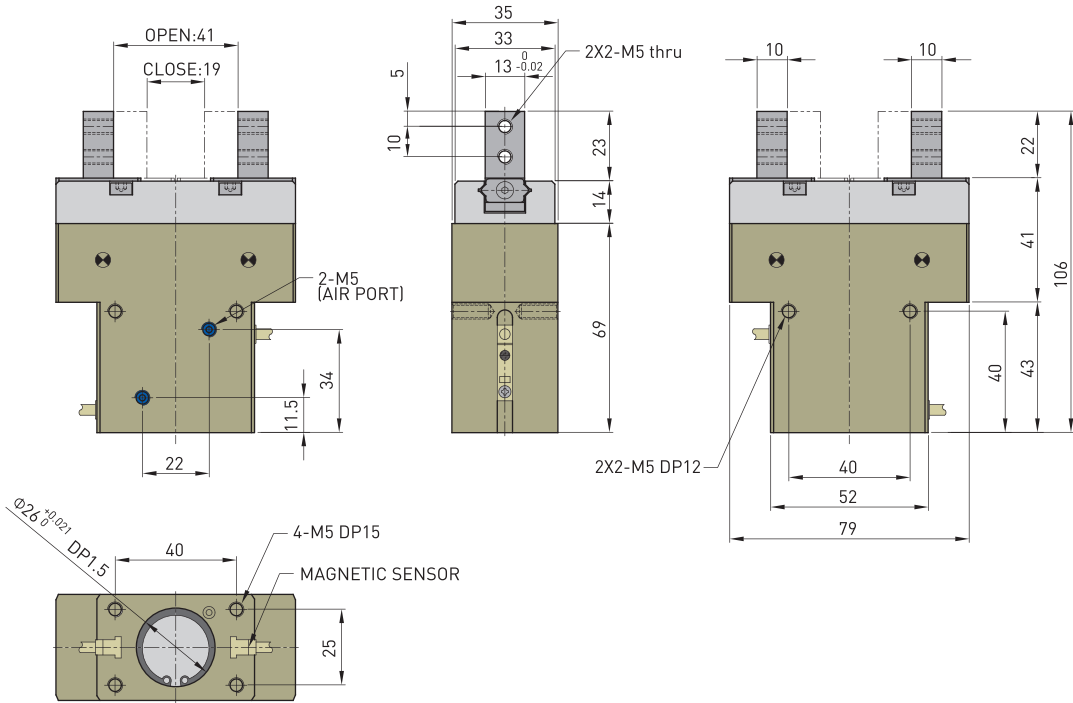
AF316L-16



AF316L-20



AF316L-25



NOTE

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