

# AP R.P-Rack & Pinion Positioning System



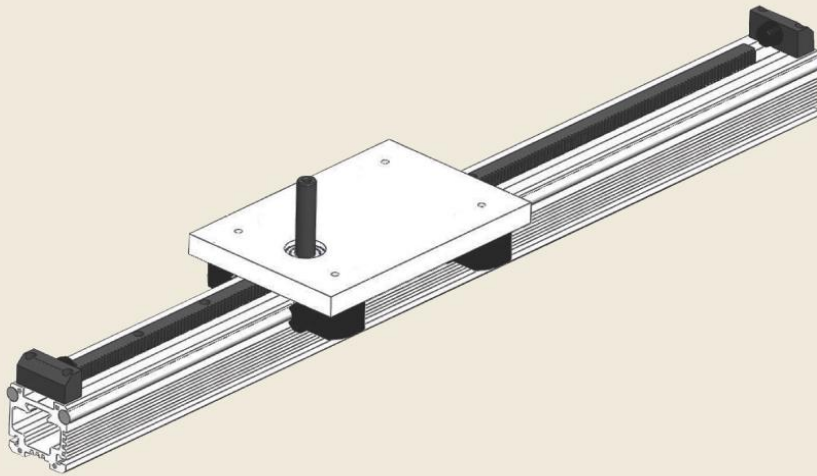
AP80R.P

AP110R.P

AP166R.P

## AP R.P-Rack & Pinion Position System

Type : AP R.P



### Distinction

- Application : Main axis & up down axis
- Principle of operation : Rack & Pinion drive
- Material : Beam & Carriage plate – AL6061 profile  
Guide shaft – SUJ2  
Bearing Roller – Hardened steel
- Speed : Bearing roller based U slide system allows speeds in excess of 3 m/s
- Durable : Rugged construction – All steel hardened slideway—unique wiping action excludes debris
- Installation : in various position
- 적용 : 주행축과 Up-down 축용
- 구동원리 : Rack & Pinion 구동방식
- 재질 : Beam & Carriage plate – AL6061 profile  
Guide shaft – SUJ2
- 속도 : 베어링 롤러의 U형 안내방식은 3m/s의 속도실현
- 내구성 : 슬라이드부는 열처리 강을 사용하며 와이퍼 장치는 불순물을 제거하여 수명을 향상 시킨다.
- 설치 : 다양한 위치 설치 가능



# AP R.P-Rack & Pinion Positioning System

AP80R.P

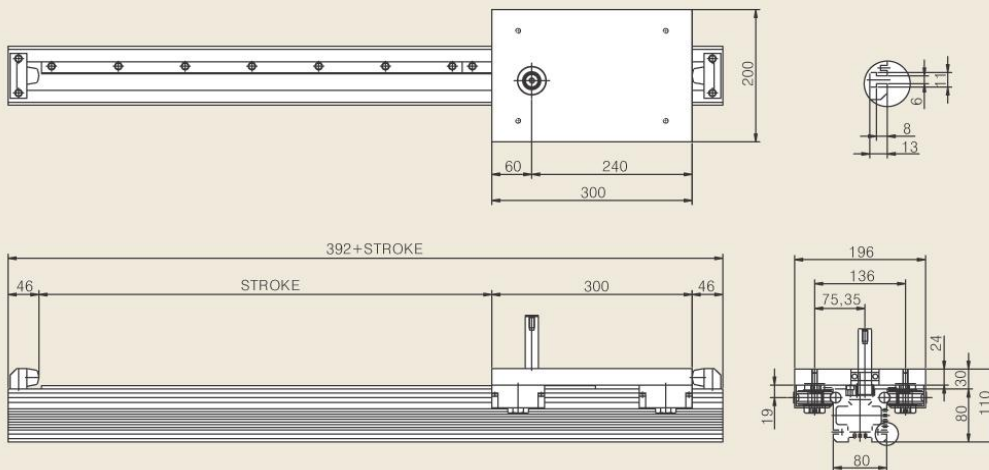
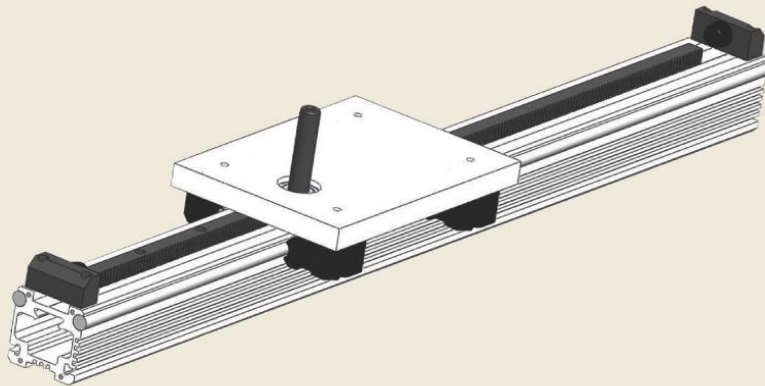
AP110R.P

AP166R.P

## Rack & Pinion Position System AP 80R.P

Beam Size	Dynamic Force(N)	Max. Speed	Max. Length	Shaft Diameter	Roller Type	Belt Type	Pinion Type	F①/ F②(N)	T①/T② (Nm)	Repeat-ability
AP80	1,700	3m/s	5,000	φ 16	G16AR	P5-20	R5-20	750/2,000	12/35	± 0.1mm

### Dimension For AP80R.P



# AP R.P-Rack & Pinion Positioning System



AP80R.P

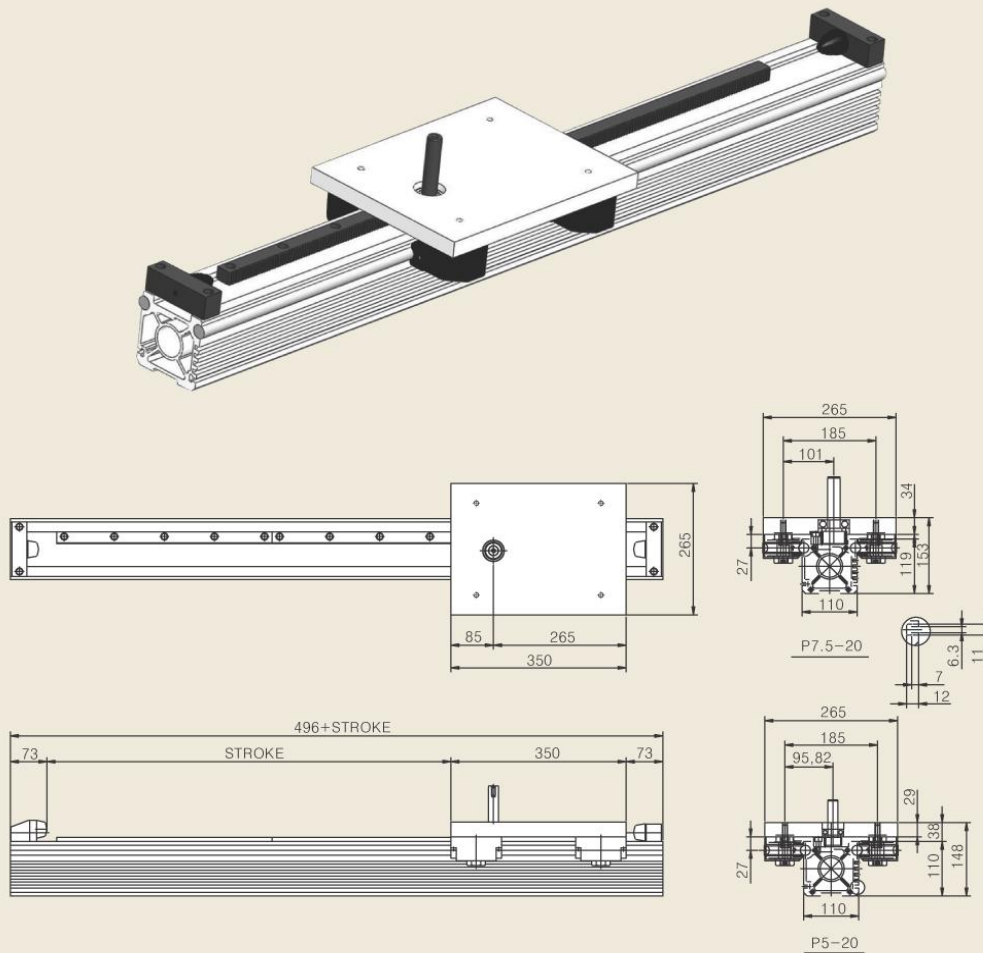
AP110R.P

AP166R.P

## Rack & Pinion Position System AP 110R.P

Beam Size	Dynamic Force(N)	Max. Speed	Max. Length	Shaft Diameter	Roller Type	Belt Type	Pinion Type	F①/ F②(N)	T①/T② (Nm)	Repeat-ability
AP110	2,000	3m/s	5,000	φ 20	G20AR	P5-20/P7.5-20	R5-20/R7.5-20	850/2,200	15/40	± 0.1mm

### Dimension For AP110R.P





# AP R.P-Rack & Pinion Positioning System

AP80R.P

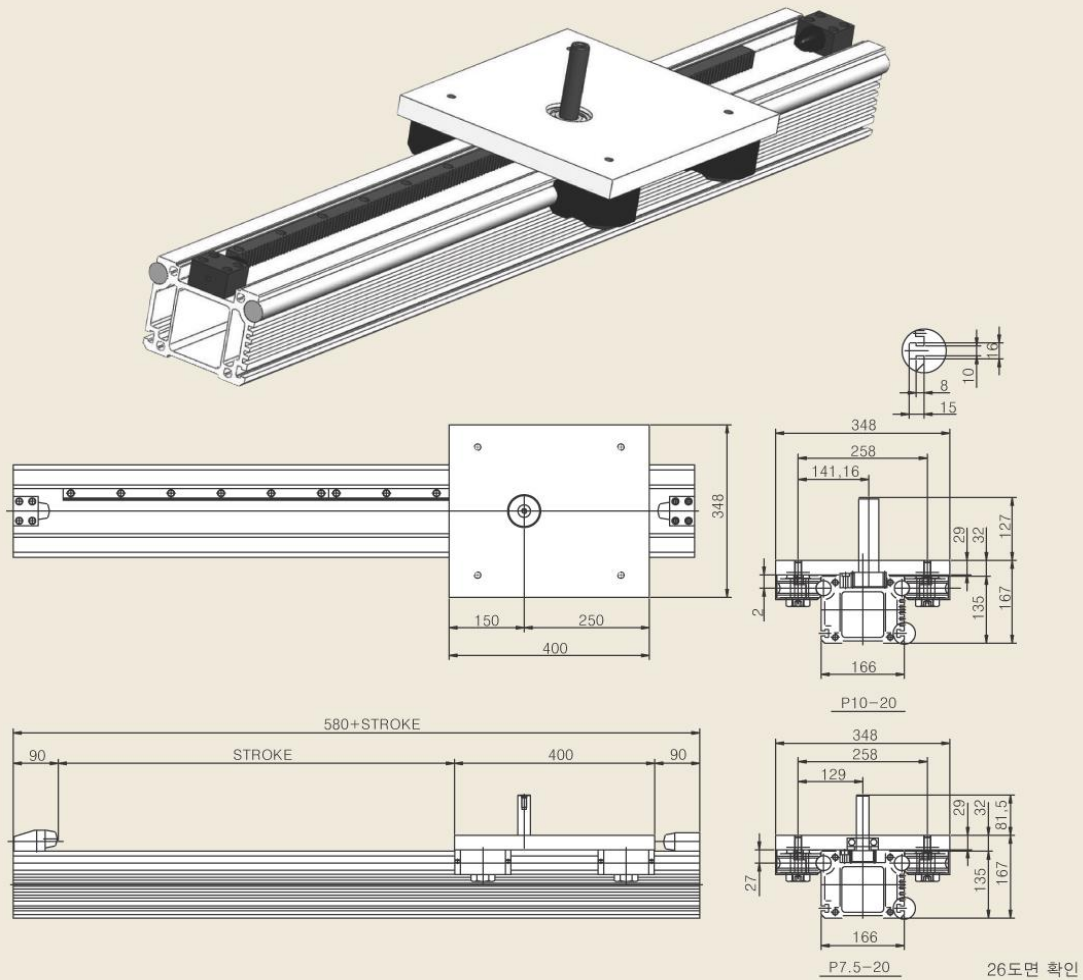
AP110R.P

AP166R.P

## Rack & Pinion Position System AP 166R.P

Beam Size	Dynamic Force(N)	Max. Speed	Max. Length	Shaft Diameter	Roller Type	Belt Type	Pinion Type	F①/ F②(N)	T①/T② (Nm)	Repeat-ability
AP166	3,000	3m/s	5,000	φ 30	G30	P7.5-20/P10-20	R7.5-20/R10-20	1,400/3,500	30/80	± 0.1mm

### Dimension For AP166R.P



26면 확인