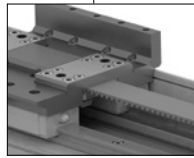
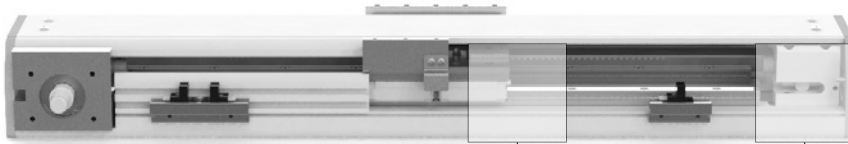
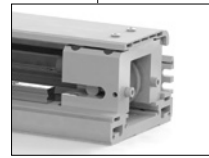


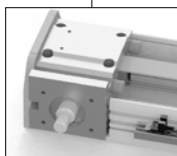
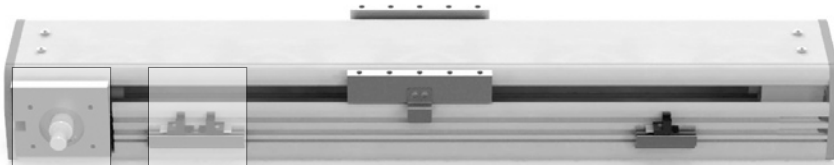
TRB series



철심이 보강된 벨트적용으로 일반 벨트제품보다 소음이 더욱 개선되었습니다.



벨트 텐션 조정을 측면 커버 개폐 후 손쉽게 조정이 가능하여 유지보수 편리성을 확보하였습니다.



폴리우레탄 내장타입으로 미려한 외관을 확보하였습니다.



압출 센서레일 사용으로 스트로크 조절 및 센싱 조정이 매우 간편하게 개선되었습니다.



Features

- LM Guide & Belt Type Unit
- 기존 LRB시리즈 개선 제품
- 콤팩트한 디자인의 고강성 구조
- 다축조합 응용 용이
- 저소음 동근치형 벨트 적용
- 다양한 고객요구에 대응
- 손쉬운 유지 보수 (텐션조절 용이)

주문 형식

TRB 120 - 600 - SL L - C - E2 -

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① 시리즈명

② 형번

80 / 100 / 120 / 150 / 180 / 210
※ LM: 자사 Spec 외 사양 별도 문의

③ Stroke (단위 : mm)

80~100 : 100~1000
120~210 : 100~2000
※ 행정거리 외 사양 별도 문의

④ 모터연결위치

형번	기 호			
직렬	SL		SR	
	TL		TR	
병렬	UL		UR	
	BL		BR	

※ 병렬타입 납기는 별도 문의

⑤ 색상

무기호 : 백색 (외관)
L : 백색 + LM 레이던트
B : 흑색 (외관)
BL : 흑색 (외관) + LM 레이던트
※ 외관 흑색 납기 일정 별도 문의

⑥ 센서 (도그 포함)

무기호 : 없음
C : 포토센서 + 일반소켓 - 기본 3EA
CJ : C + 케이블형 소켓 2M - 기본 3EA
기본 외 수량 : C(J)(숫자) 예) C2, CJ2

⑦ 감속기 브라켓 (커플링 포함)

무기호 : 없음

기호	SIZE	모델형번					
		80	100	120	150	180	210
E2	G2각	●	●	●	●	●	●
E3	90각					●	●

※ 기본사양 : 흥진 ATG, APEX
※ 이외 사양은 별도 문의

⑧ 특수코드

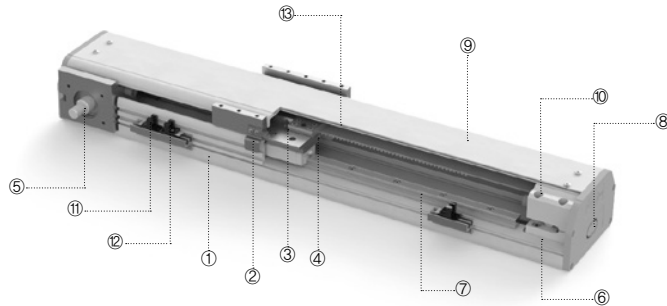
기본 외 요청사항 별도 문의 후 넘버 부여
※ 약세사리 및 금구류 요청건은 별도 문의

TRB 제품사양

항 목	TRB 80	TRB 100	TRB 120	TRB 150	TRB 180	TRB 210
최대속도 (mm/s)	2000	2000	2000	2000	2000	2000
가반하중 (kgf)	20 (수평)	25 (수평)	60 (수평)	80 (수평)	100 (수평)	130 (수평)
Stroke (mm)	Max. 1000	Max. 1000	Max. 2000	Max. 2000	Max. 2000	Max. 2000
반복 정밀도 (mm)	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
풀리직경 (mm)	Ø23.87	Ø23.87	Ø38.2	Ø38.2	Ø41.38	Ø44.56
풀리 1회전당 이송거리 (mm/rev)	75	75	120	120	130	140
무부하시 토크 (Nm)	0.8	0.8	1	1	1.2	1.8
Belt 사양	RPP5/W15	RPP5/W25	RPP5/W25	RPP5/W30	RPP5/W40	RPP5/W50
LM Guide 사양	NO.20 1R 2B	NO.42 1R 2B	NO.15	NO.20	NO.20	NO.25
	(Short Block)	(Miniature)	2R 4B	2R 4B	2R 4B	2R 4B
기본중량 (kgf)	2.8	3	4.5	5.5	8.5	14.2
100mm 행정당 중량 (kgf)	0.6	0.7	1	1.3	1.6	2.2
모터 (W)	200~400	200~400	200~400	400	400~750	750
Size (mm, W x H)	85 x 85	100 x 68	122 x 82	144 x 84	176 x 94	204 x 114

주) 상기 사양 외 고객요청 사양으로 특수대응 가능함. (Motor, Raydent, LM Guide 등)

TRB 구조도



▶ 구성품 사양

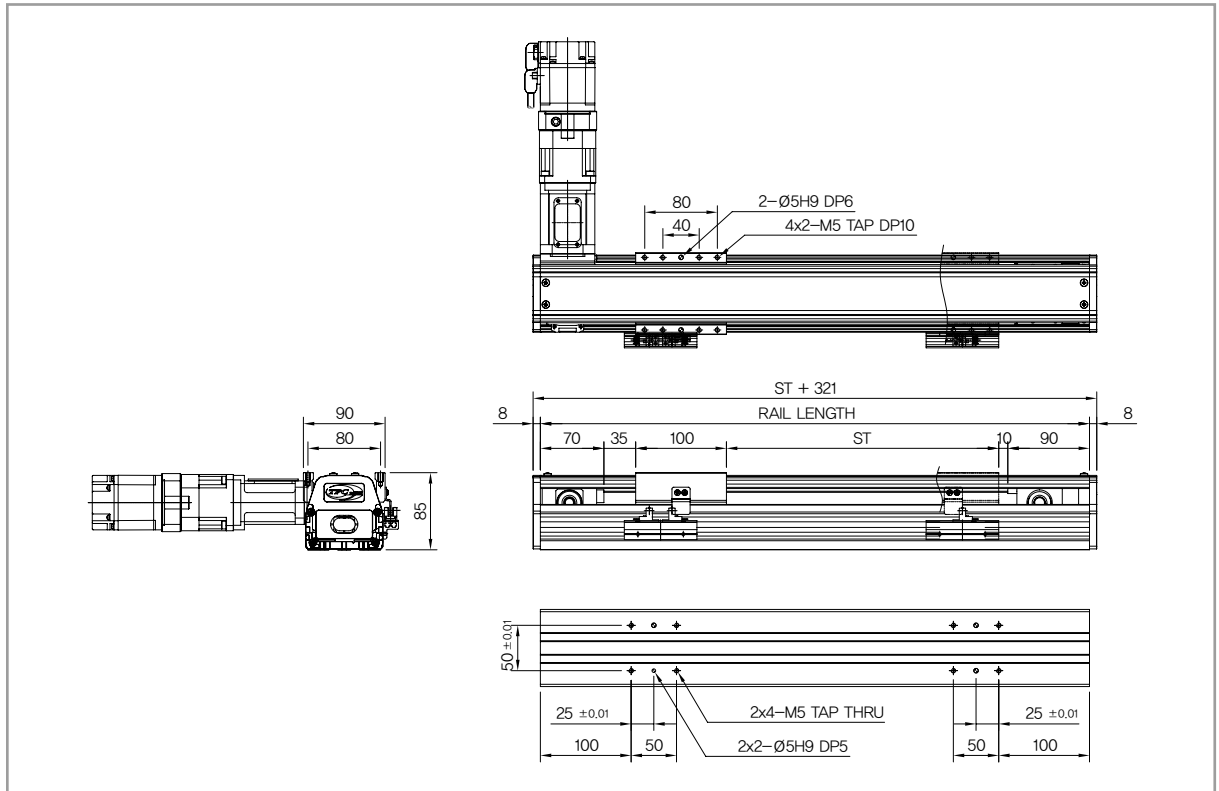
No	품 명	재 질	No	품 명	재 질	
1	RAIL	알루미늄합금	8	END COVER	ABS	
2	BLOCK	알루미늄합금	9	TOP COVER	알루미늄합금	
3	BELT CLIP UPPER	알루미늄합금	10	STOPPER	URETHANE	
4	BELT CLIP BOTTOM	STEEL	11	SENSOR DOG	STEEL	
5	DRIVE PULLEY BOX ASS'Y		12	SENSOR		
6	IDLE PULLEY BOX ASS'Y		13	형번	Belt	
7	형번	LM GUIDE		베어링강	80	RPP5-W15
	80	No.20 / 1RAIL 2BLOCK			100	RPP5-W25
	100	No.42 / 1RAIL 2BLOCK			120	RPP5-W25
	120	No.15 / 2RAIL 4BLOCK			150	RPP5-W30
	150	No.20 / 2RAIL 4BLOCK			180	RPP5-W40
	180	No.20 / 2RAIL 4BLOCK			210	RPP5-W50
210	No.25 / 2RAIL 4BLOCK					

TRB 80-SL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 80-SL	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-SL 외관치수도

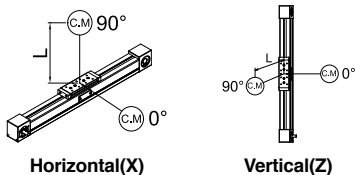


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.4	4.0	4.6	5.2	5.8	6.4	7	7.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



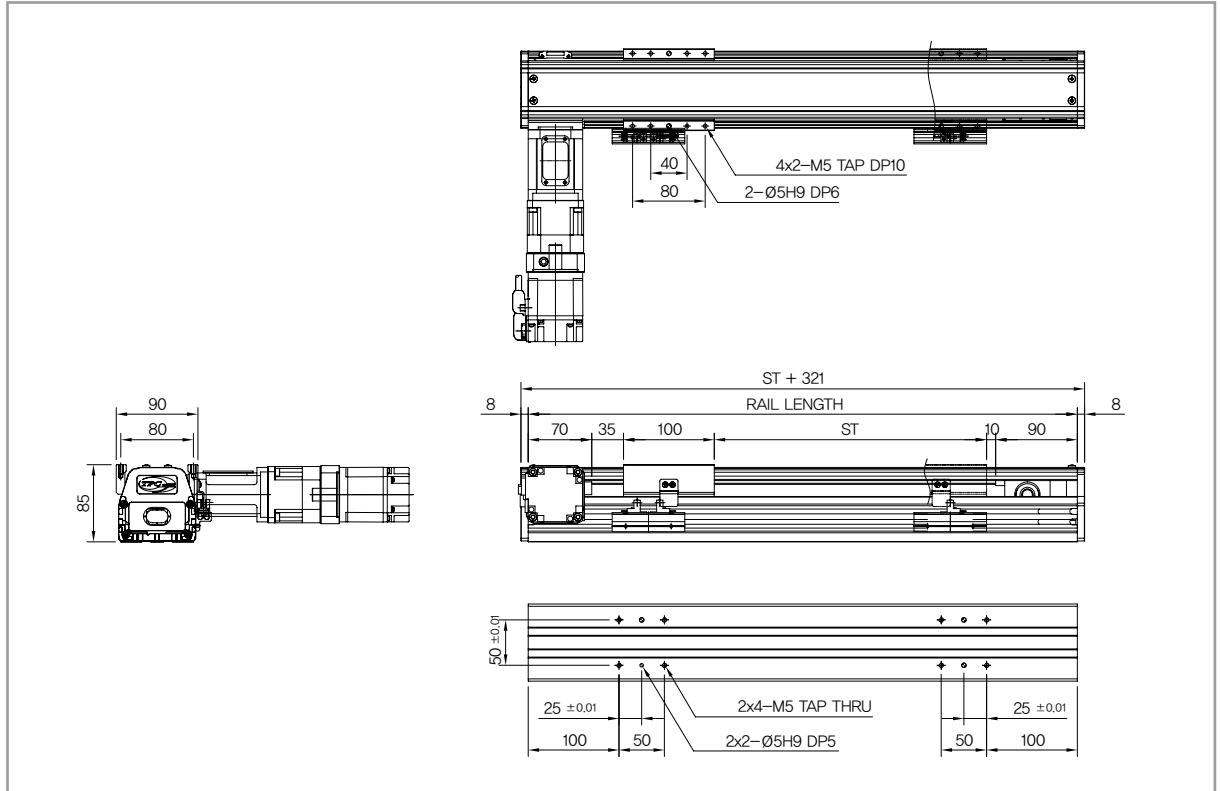
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 80-SR	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-SR 외관치수도

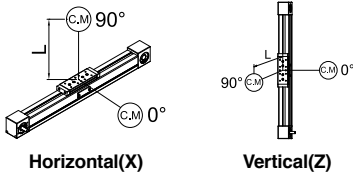


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.4	4.0	4.6	5.2	5.8	6.4	7	7.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

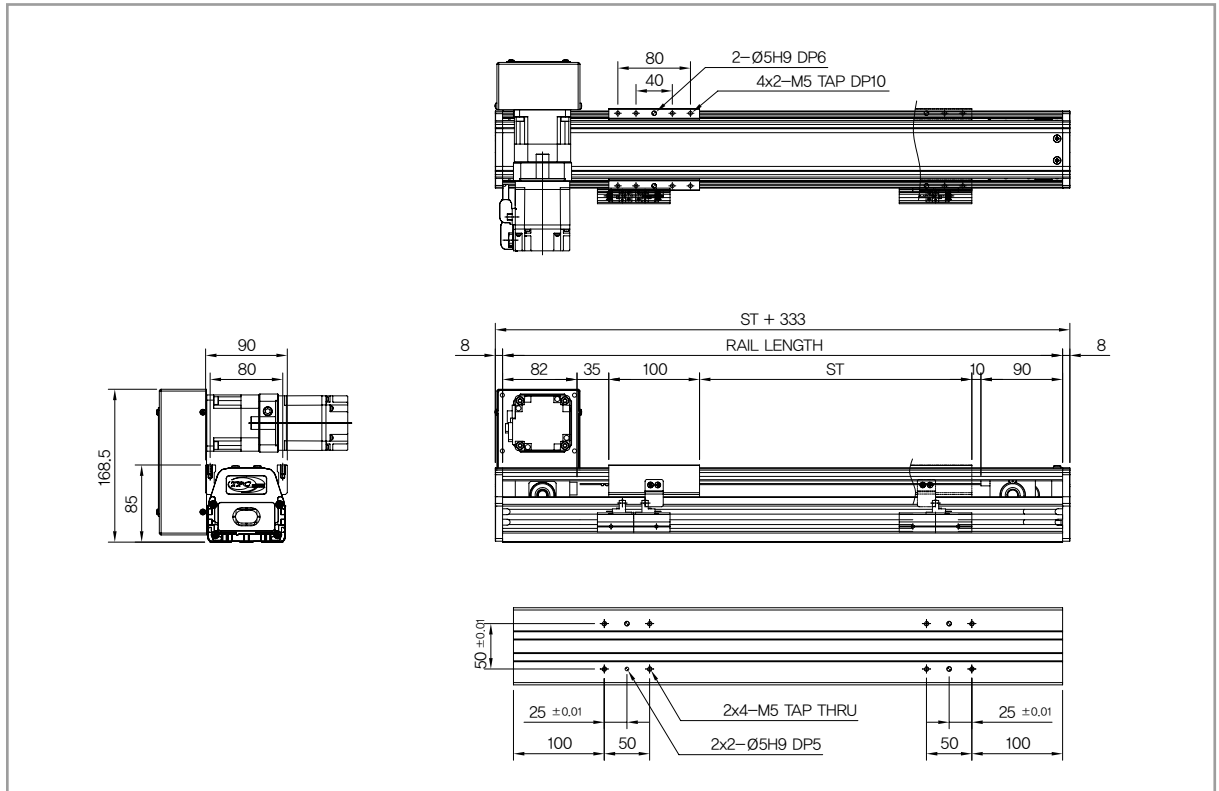
This value is decided based on the lifetime formula of LM guide, (the lifetime of LM is 16,000 hours.)

TRB 80-TL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 80-TL	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-TL 외관치수도

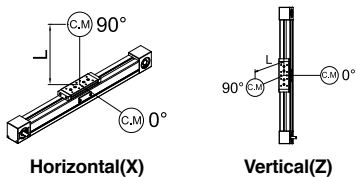


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.4	4.0	4.6	5.2	5.8	6.4	7	7.6		
Max. Speed (mm/s)	750 1250								5	200
									3	400

Allowable overhang distance



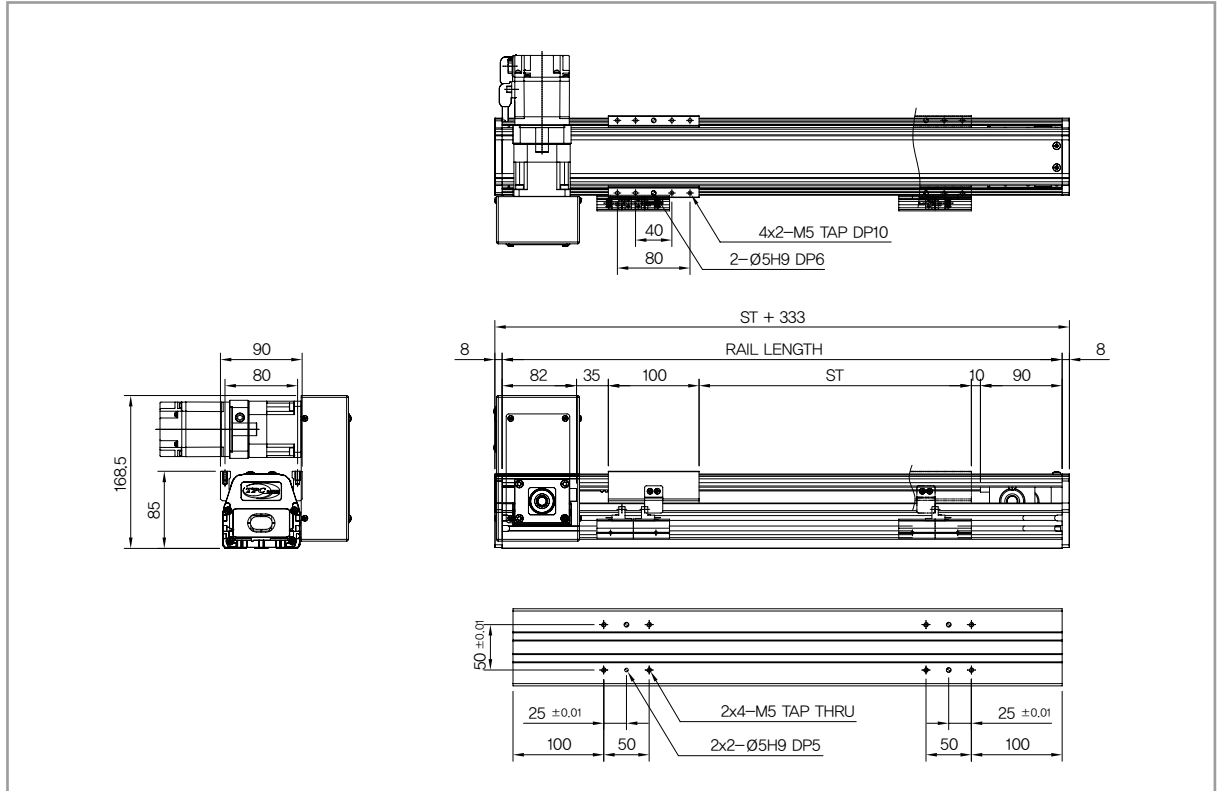
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 80-TR	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-TR 외관치수도

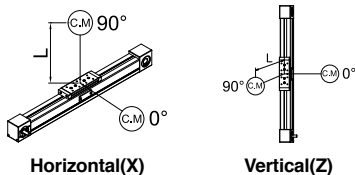


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.4	4.0	4.6	5.2	5.8	6.4	7	7.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

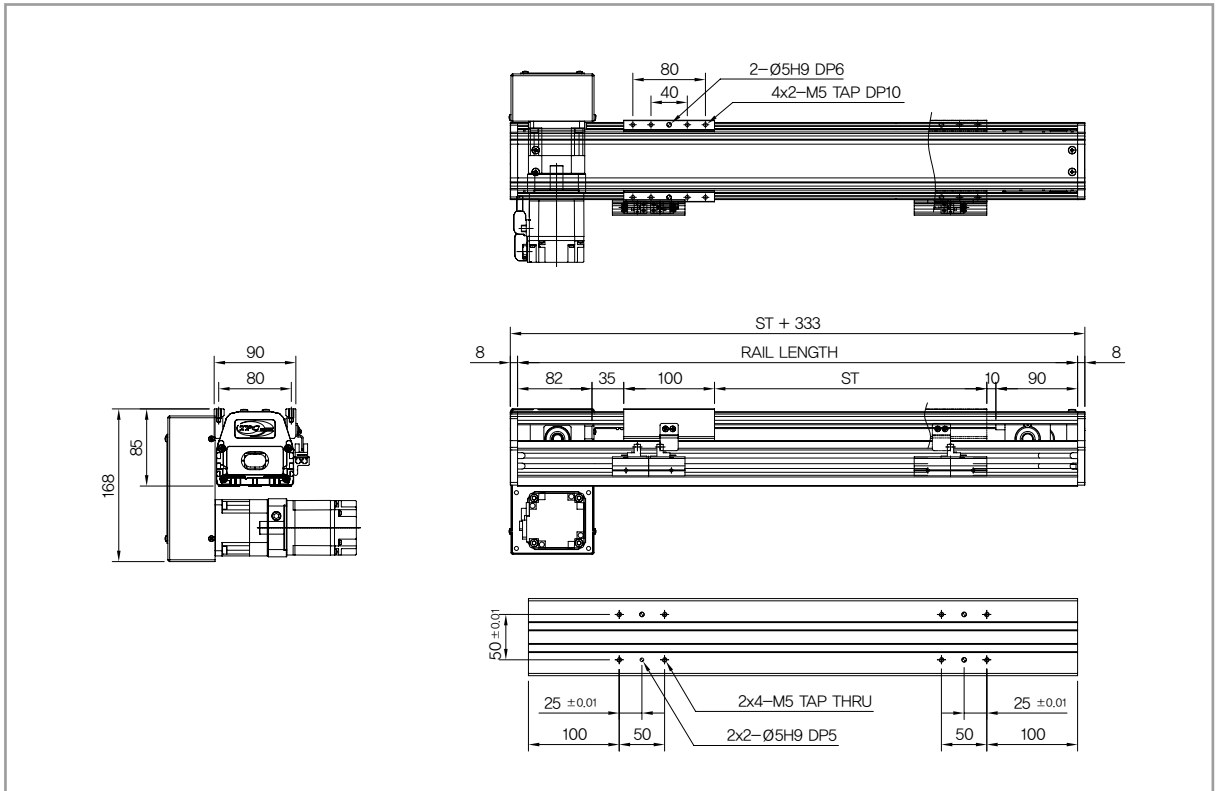
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB 80-UL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 80-UL	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-UL 외관치수도

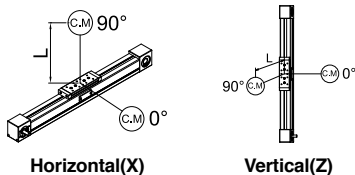


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.4	4.0	4.6	5.2	5.8	6.4	7	7.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



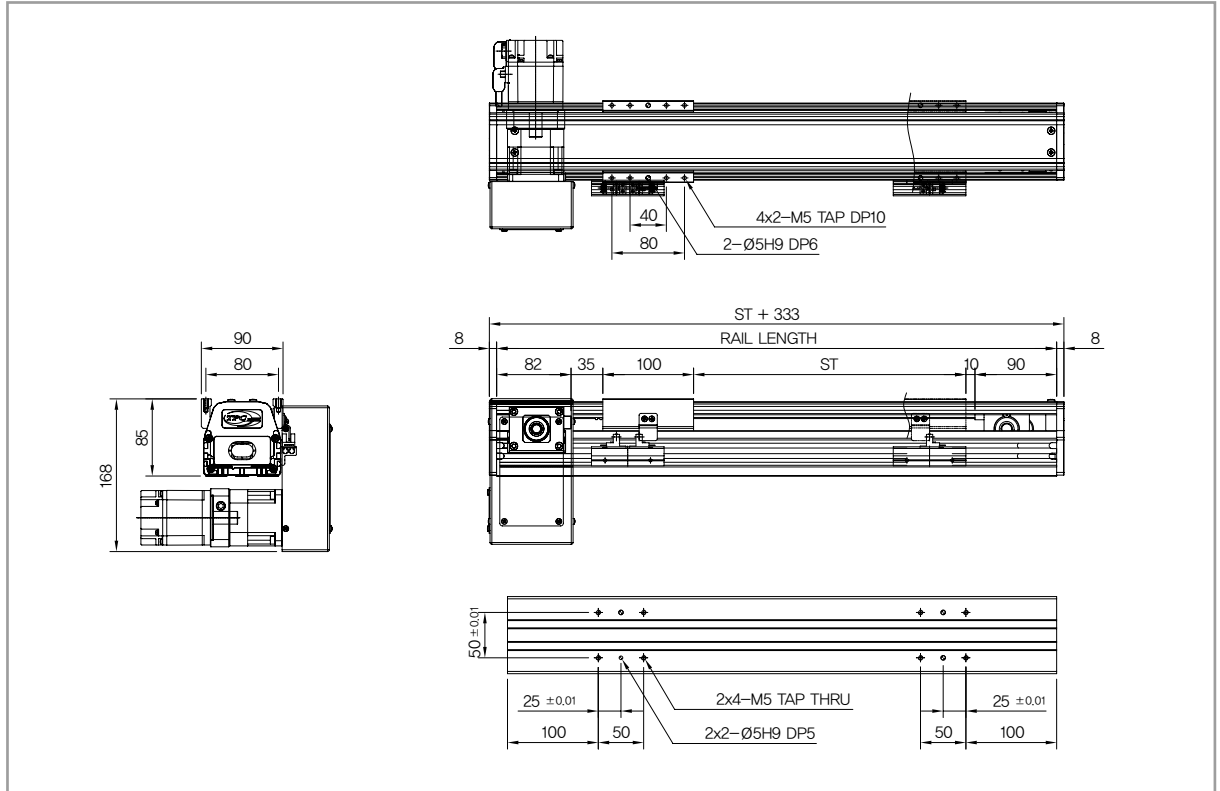
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 80-UR	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-UR 외관치수도

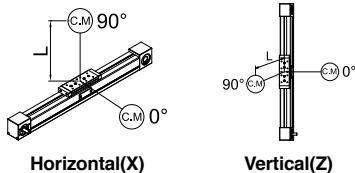


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.4	4.0	4.6	5.2	5.8	6.4	7	7.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

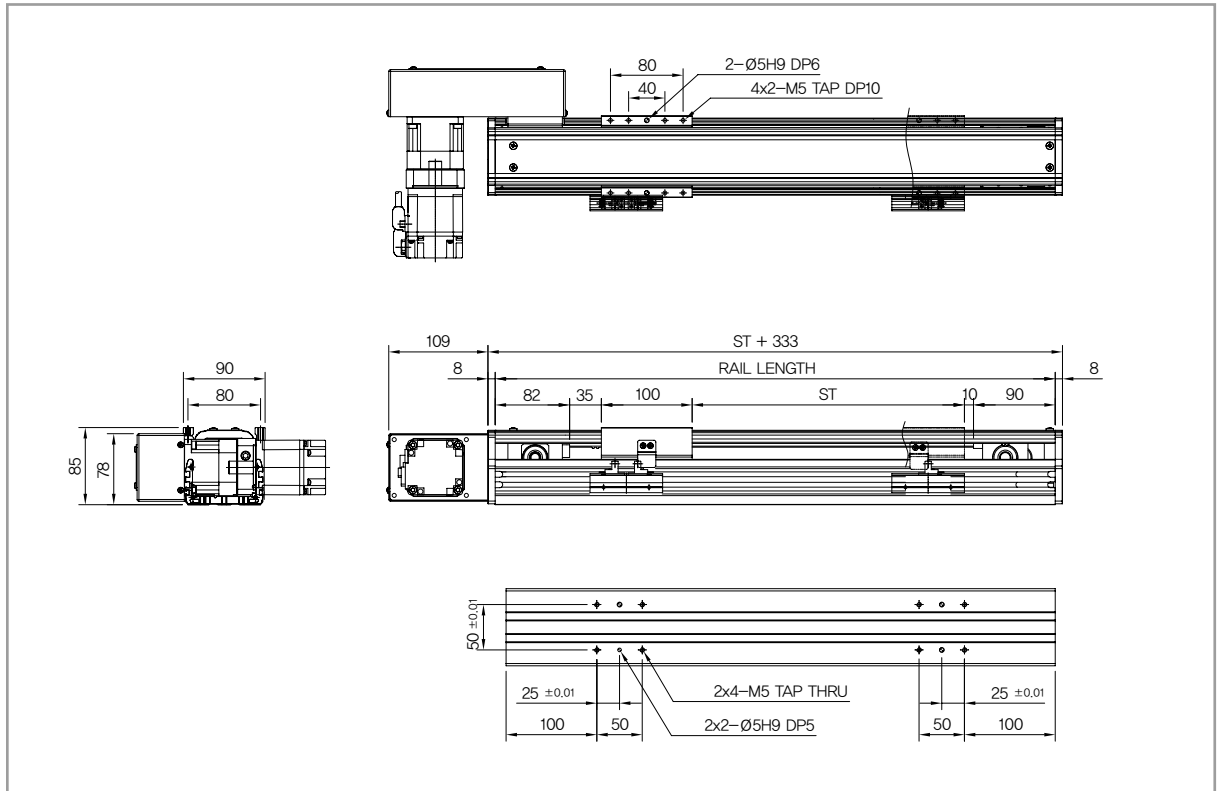
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB 80-BL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 80-BL	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-BL 외관치수도

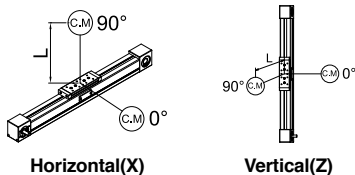


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.4	4.0	4.6	5.2	5.8	6.4	7	7.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



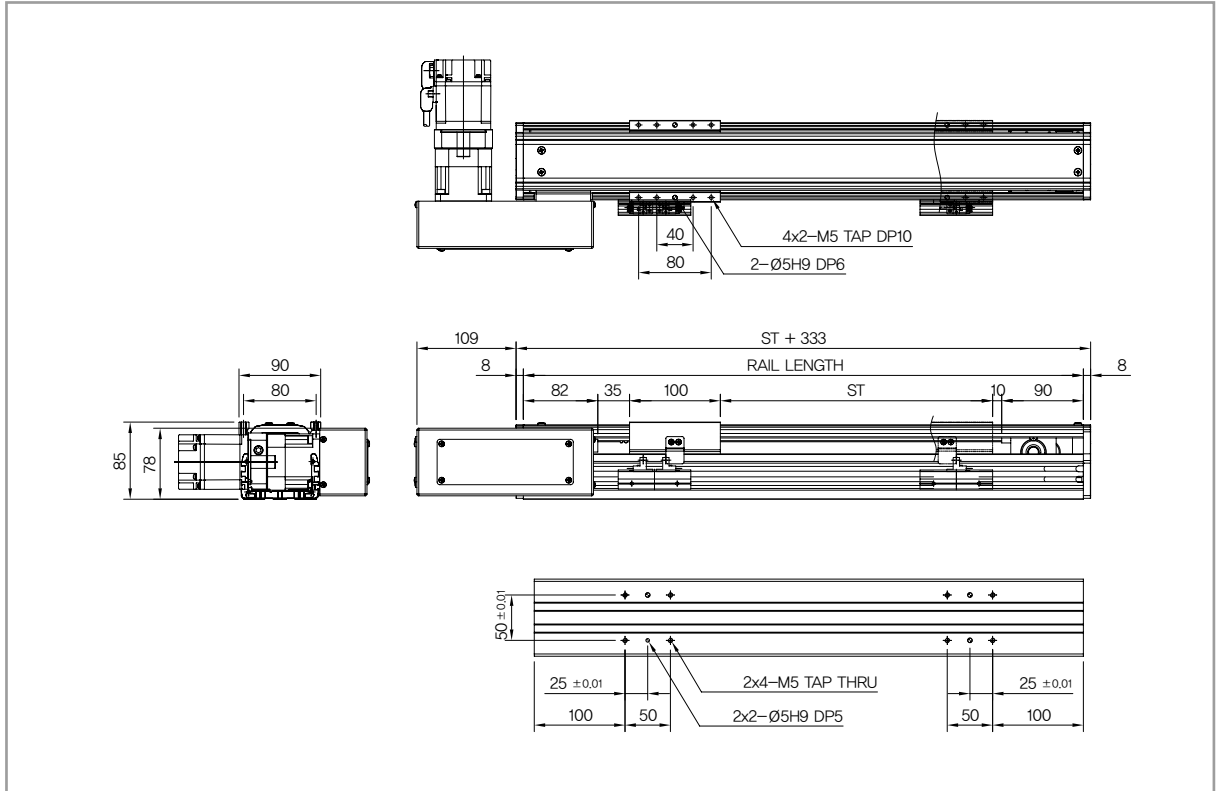
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 80-BR	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-BR 외관치수도

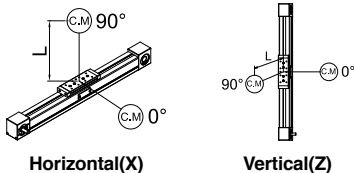


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.4	4.0	4.6	5.2	5.8	6.4	7	7.6		
Max. Speed (mm/s)	750								5	200
	1250								3	200

Allowable overhang distance



Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

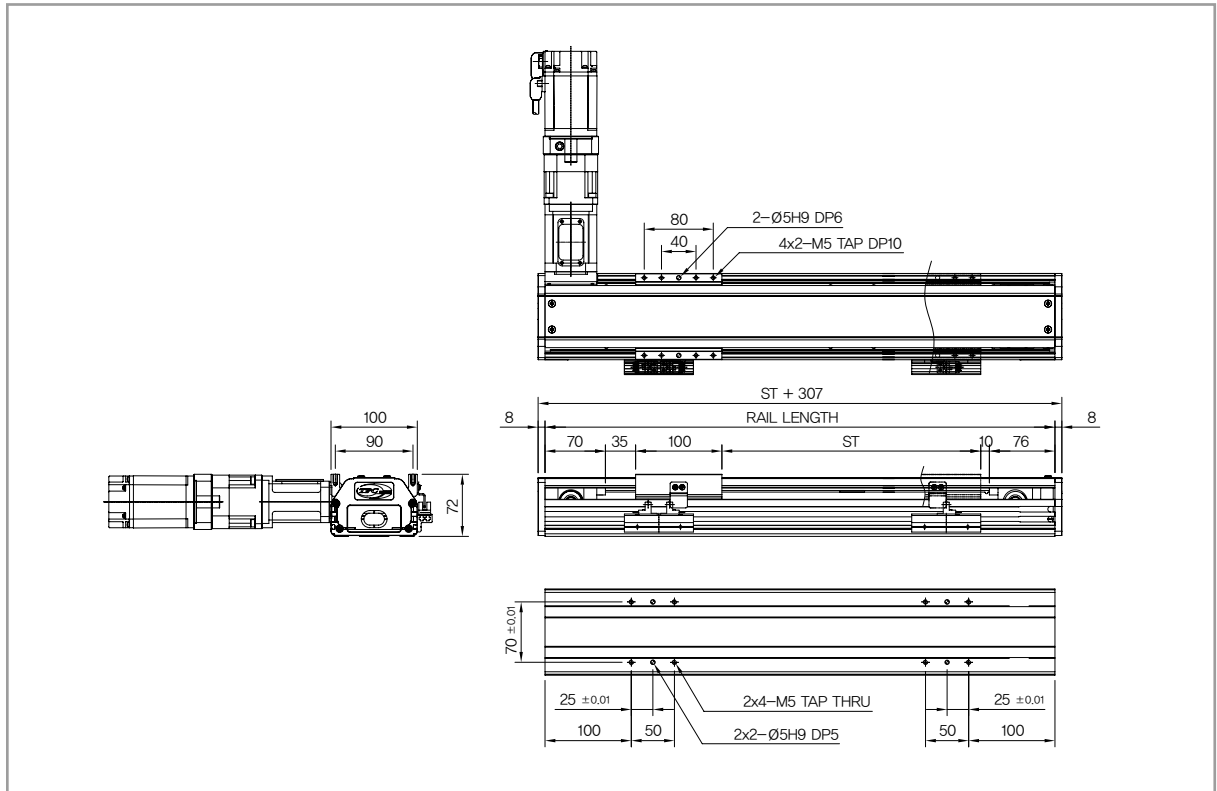
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB 100-SL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 100-SL	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB 100-SL 외관치수도

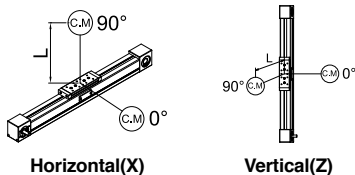


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



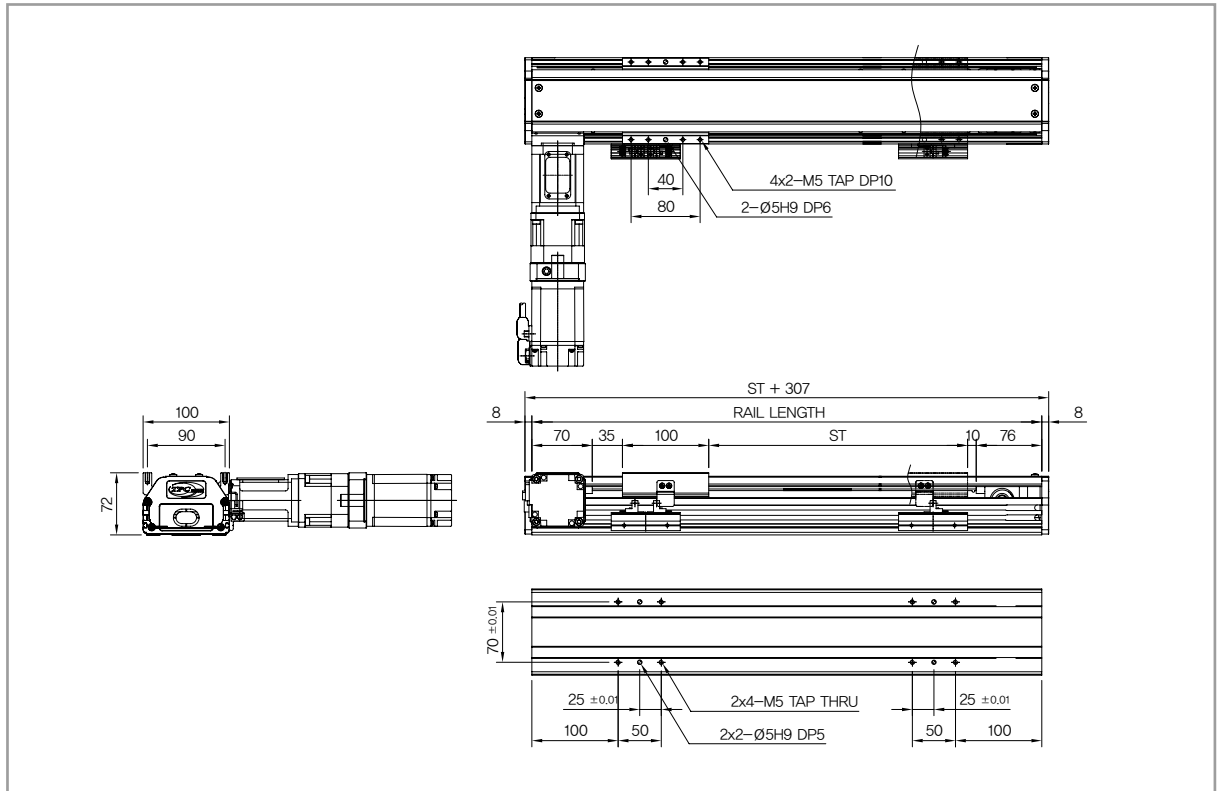
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 100-SR	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB 100-SR 외관치수도

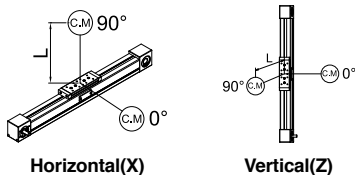


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- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

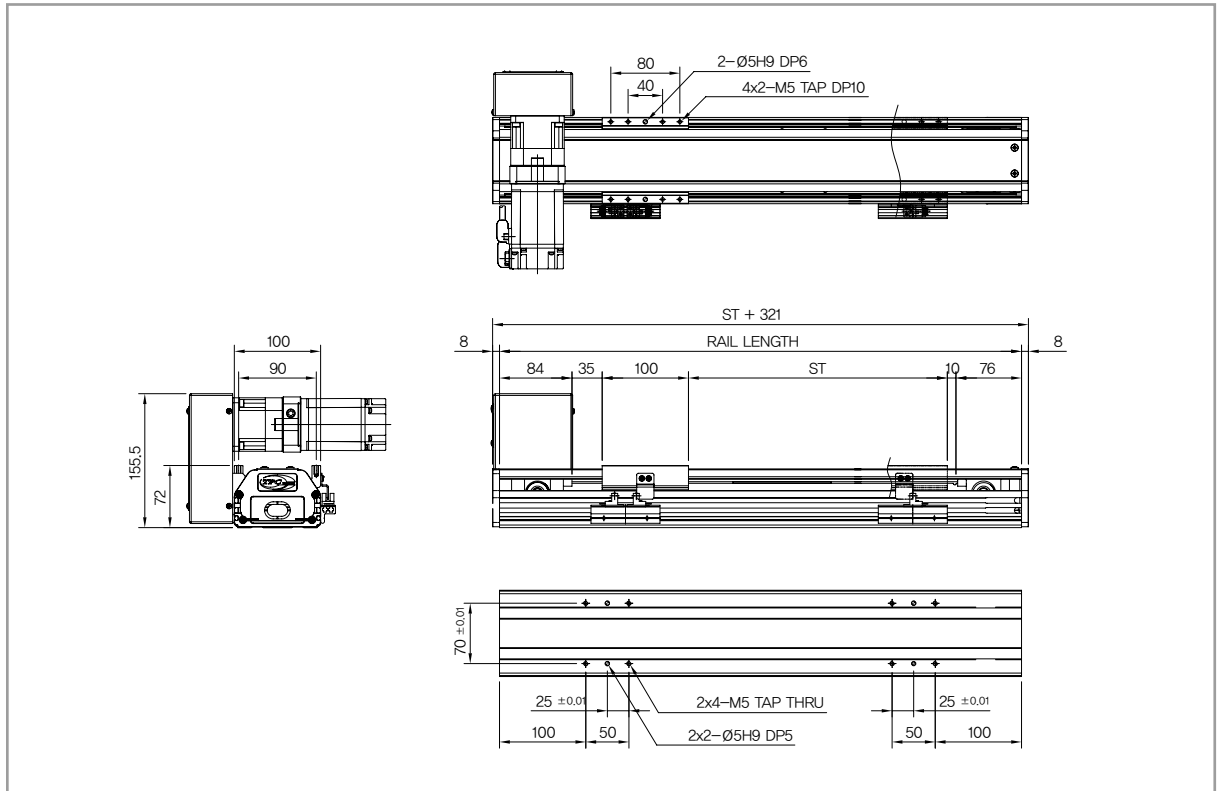
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB 100-TL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 100-TL	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB 100-TL 외관치수도

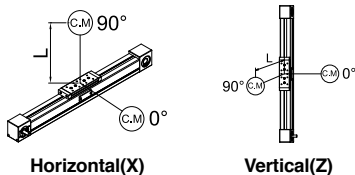


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



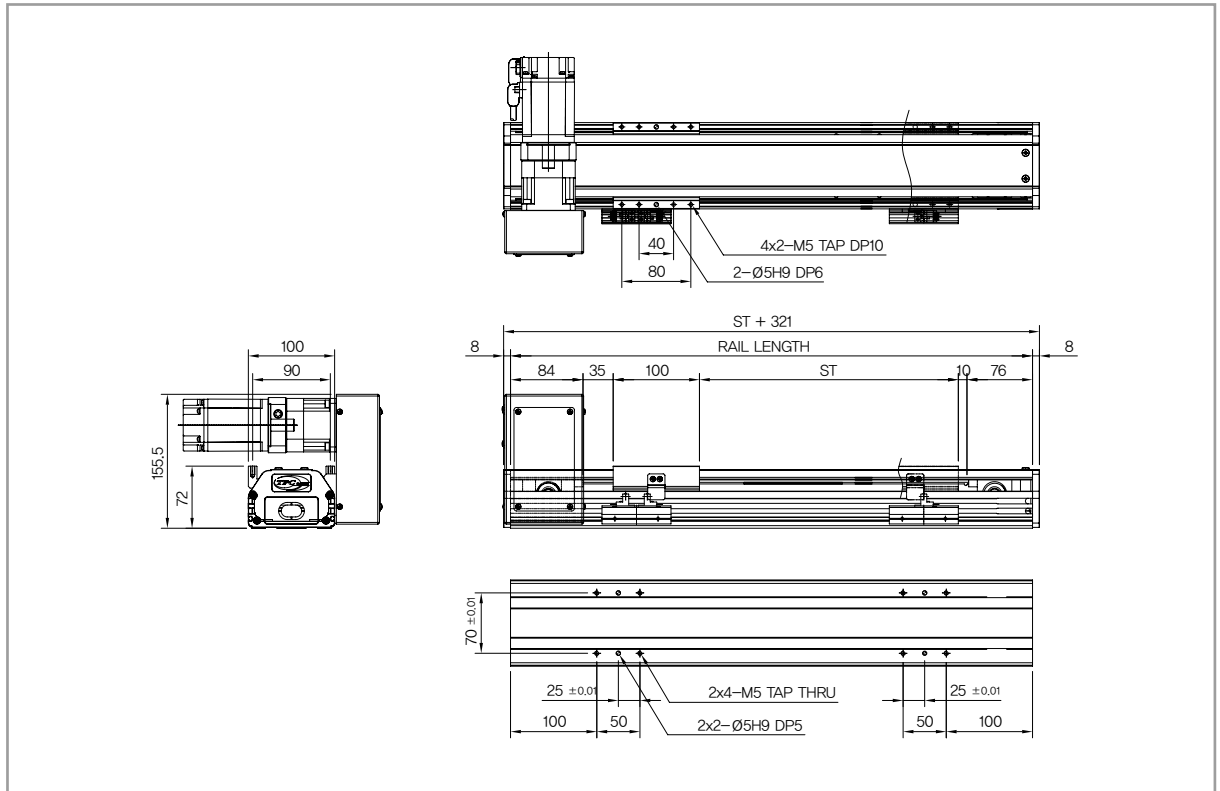
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 100-TR	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB 100-TR 외관치수도

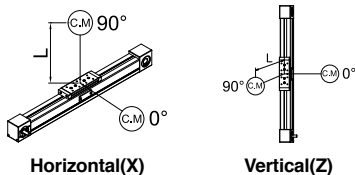


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

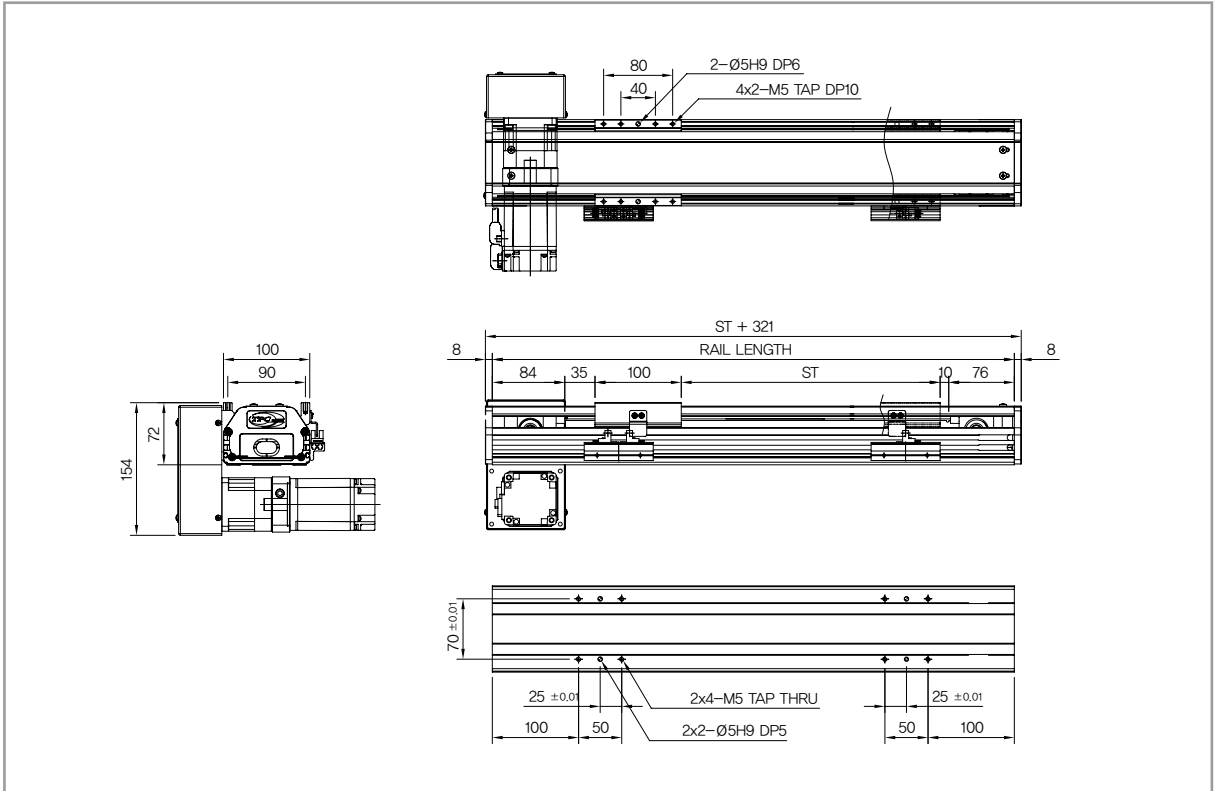
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB 100-UL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 100-UL	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB 100-UL 외관치수도

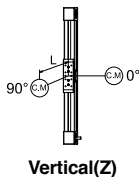
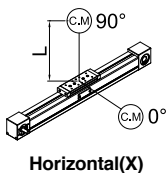


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



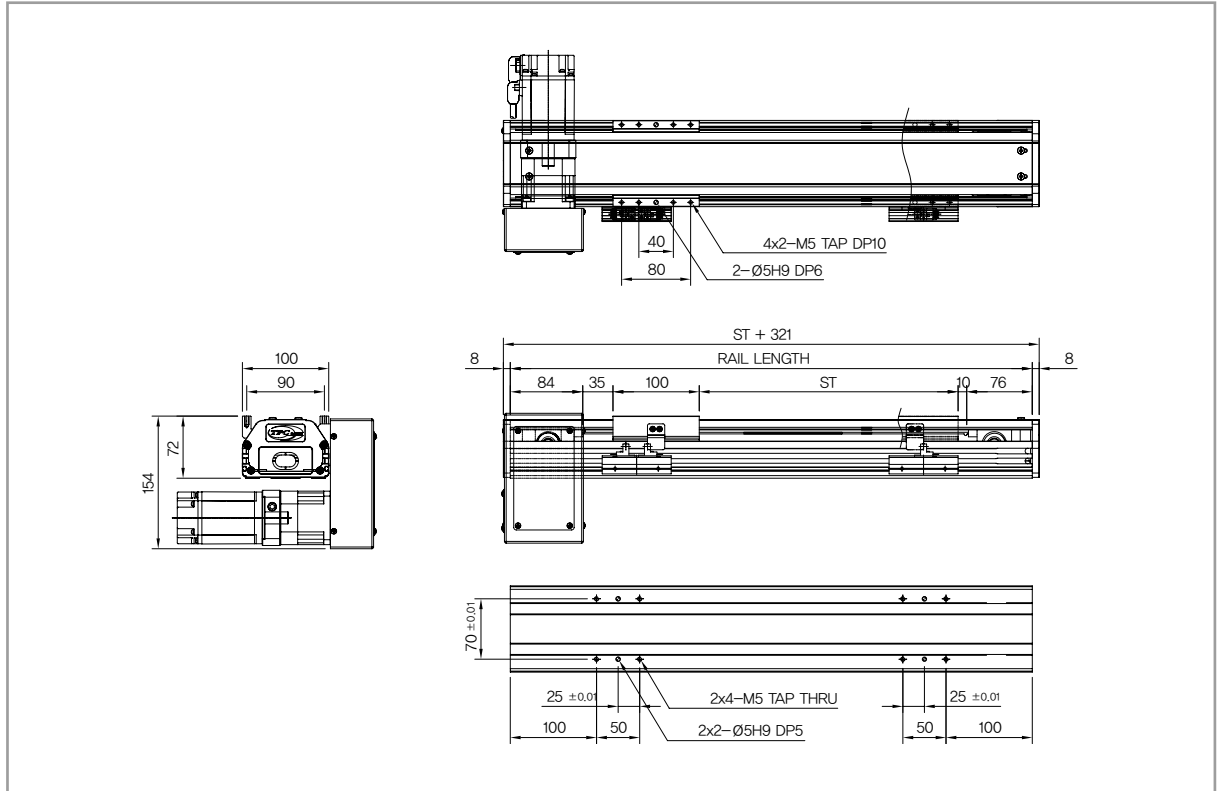
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 100-UR	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB 100-UR 외관치수도

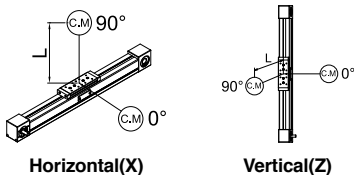


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

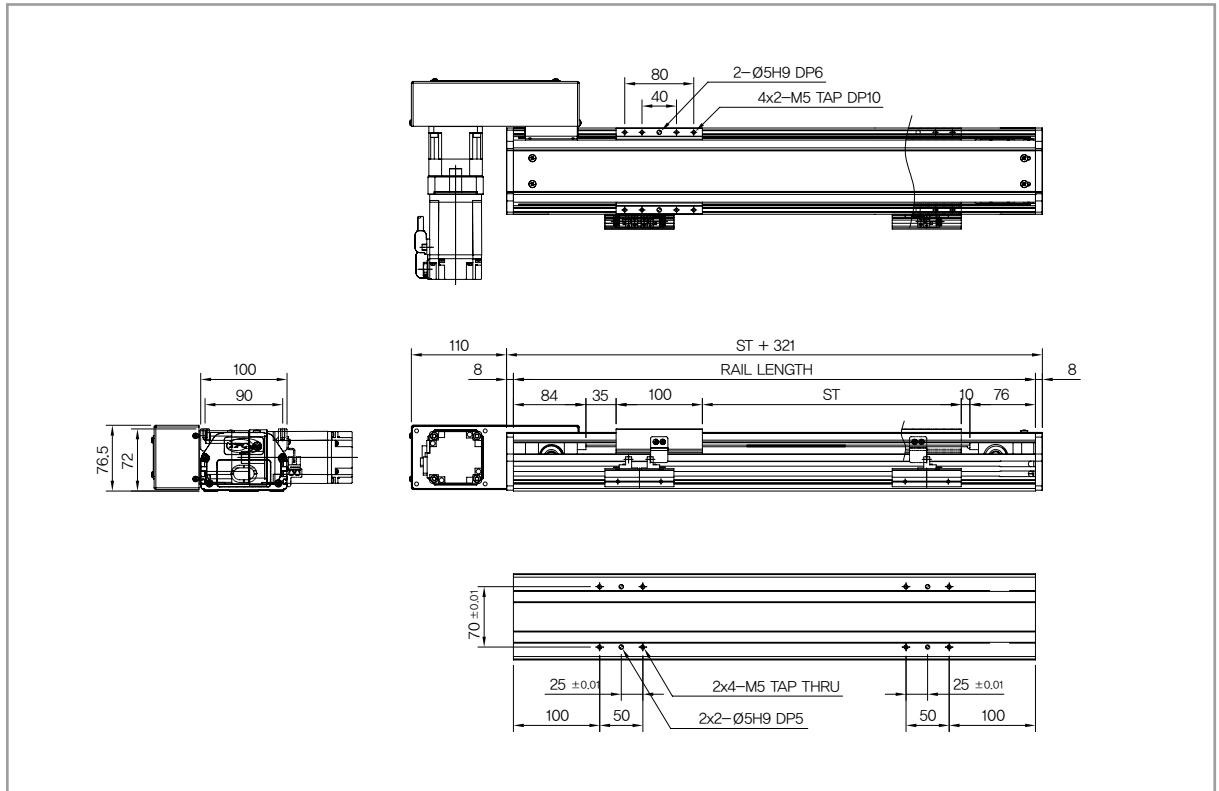
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 100-BL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 100-BL	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB 100-BL 외관치수도

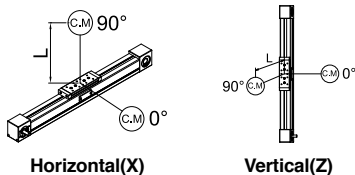


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



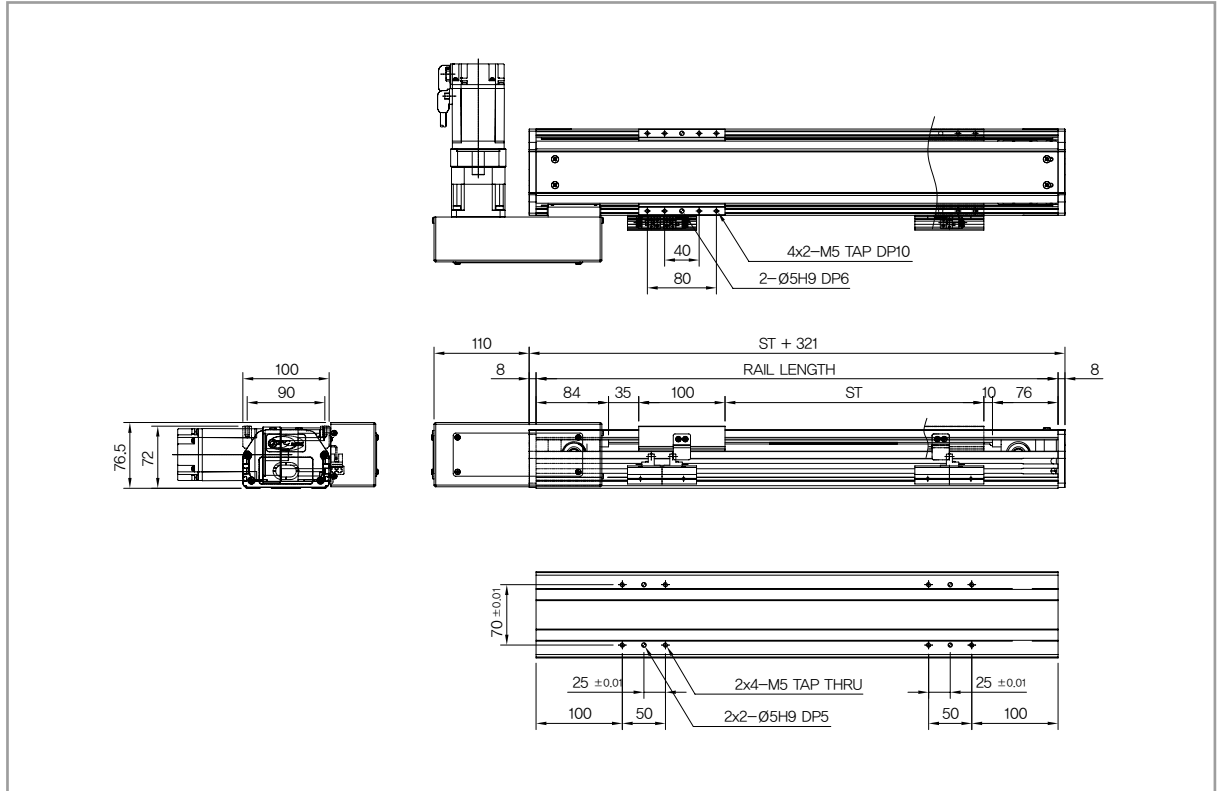
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 100-BR	100~1000	5	750	200	25	20
		3	1250	400	20	15

TRB 100-BR 외관치수도

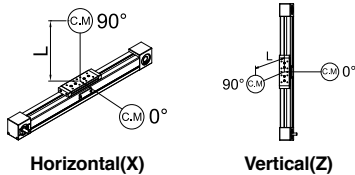


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	Gear ratio	Motor (W)
Weight(kg)	3.7	4.4	5.1	5.8	6.5	7.2	7.9	8.6		
Max. Speed (mm/s)	750								5	200
	1250								3	400

Allowable overhang distance



Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

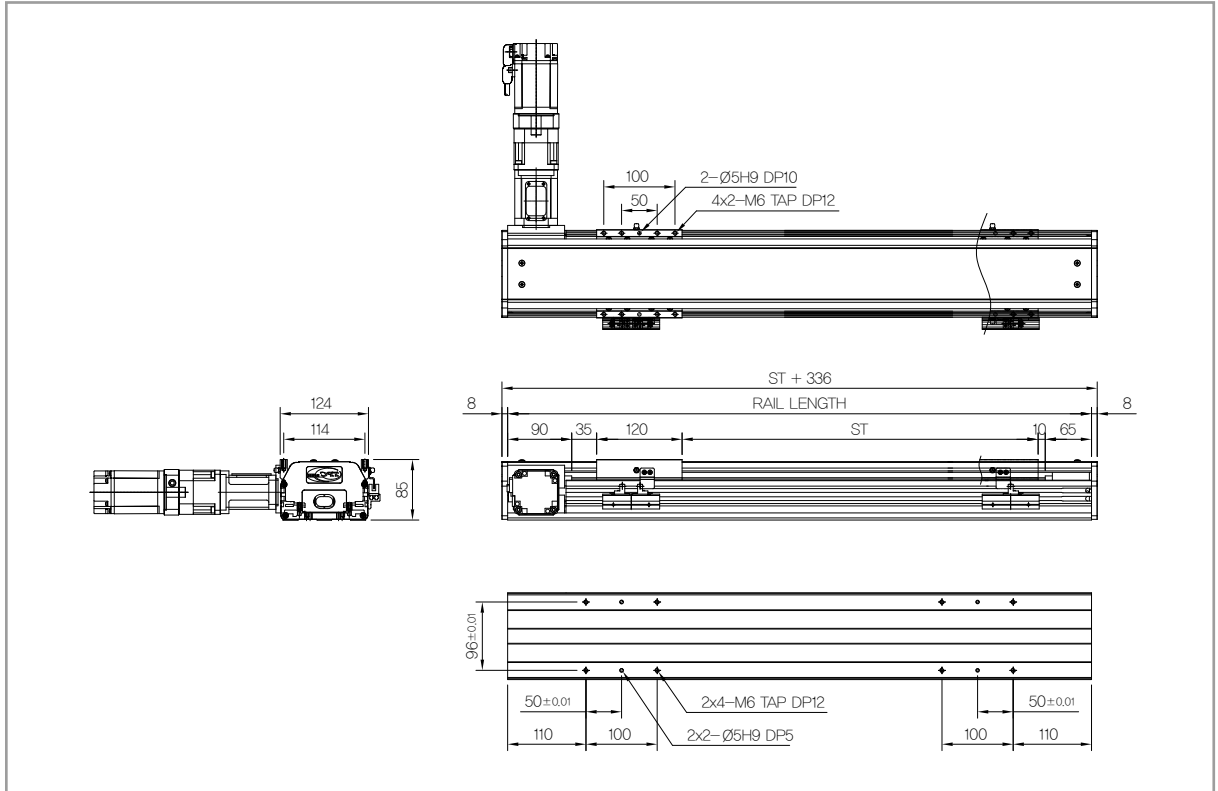
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 120-SL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 120-SL	100~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB 120-SL 외관치수도

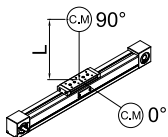


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

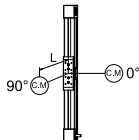
Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5		
Max. Speed (mm/s)											10	200
											5	
											5	

Allowable overhang distance



Horizontal(X)



Vertical(Z)

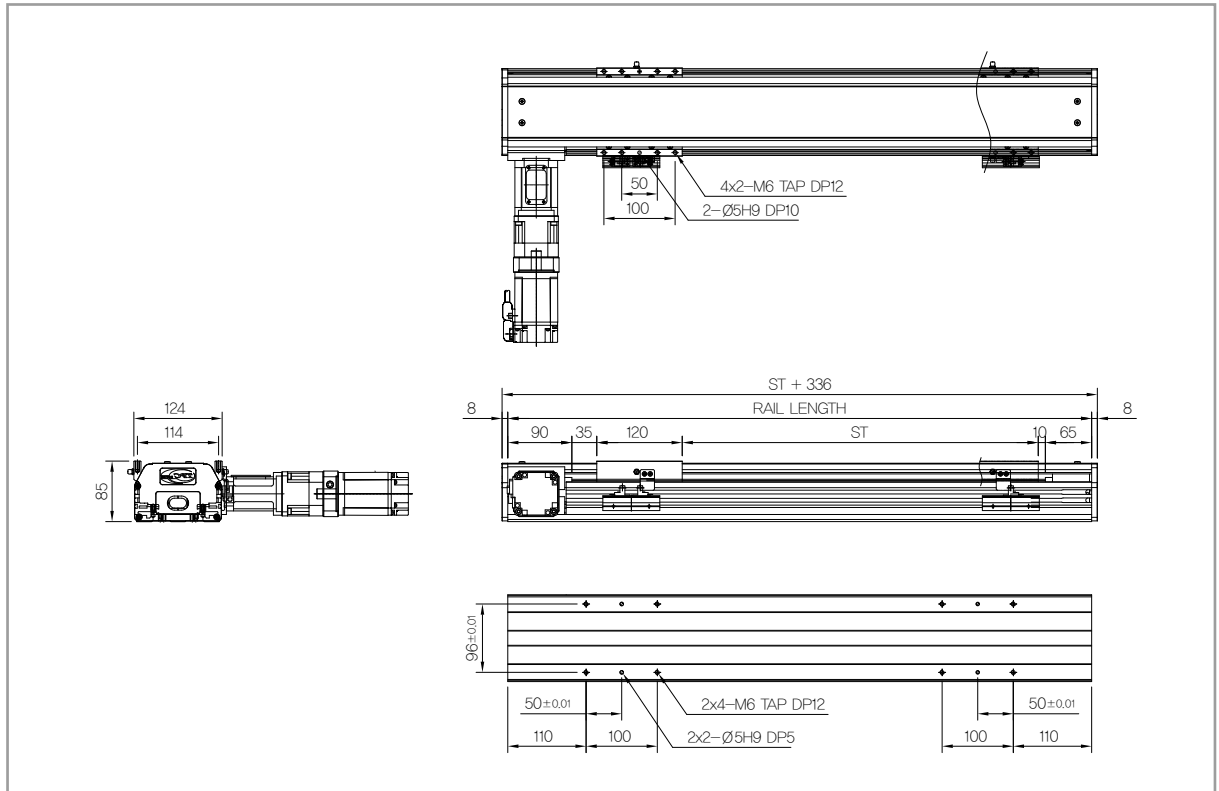
Gear Ratio	Payload	0°	90°
10	60Kg	150mm	450mm
	30Kg	300mm	700mm
5	20Kg	150mm	500mm
	10Kg	300mm	1000mm
5 (400W)	30Kg	150mm	400mm
	15Kg	300mm	900mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 120-SR	100~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB 120-SR 외관치수도

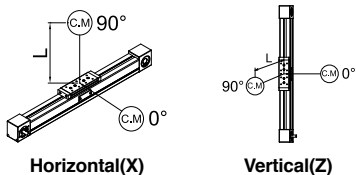


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5		
Max. Speed (mm/s)											10	200
											5	
											5	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10	60Kg	150mm	450mm
	30Kg	300mm	700mm
5	20Kg	150mm	500mm
	10Kg	300mm	1000mm
5 (400W)	30Kg	150mm	400mm
	15Kg	300mm	900mm

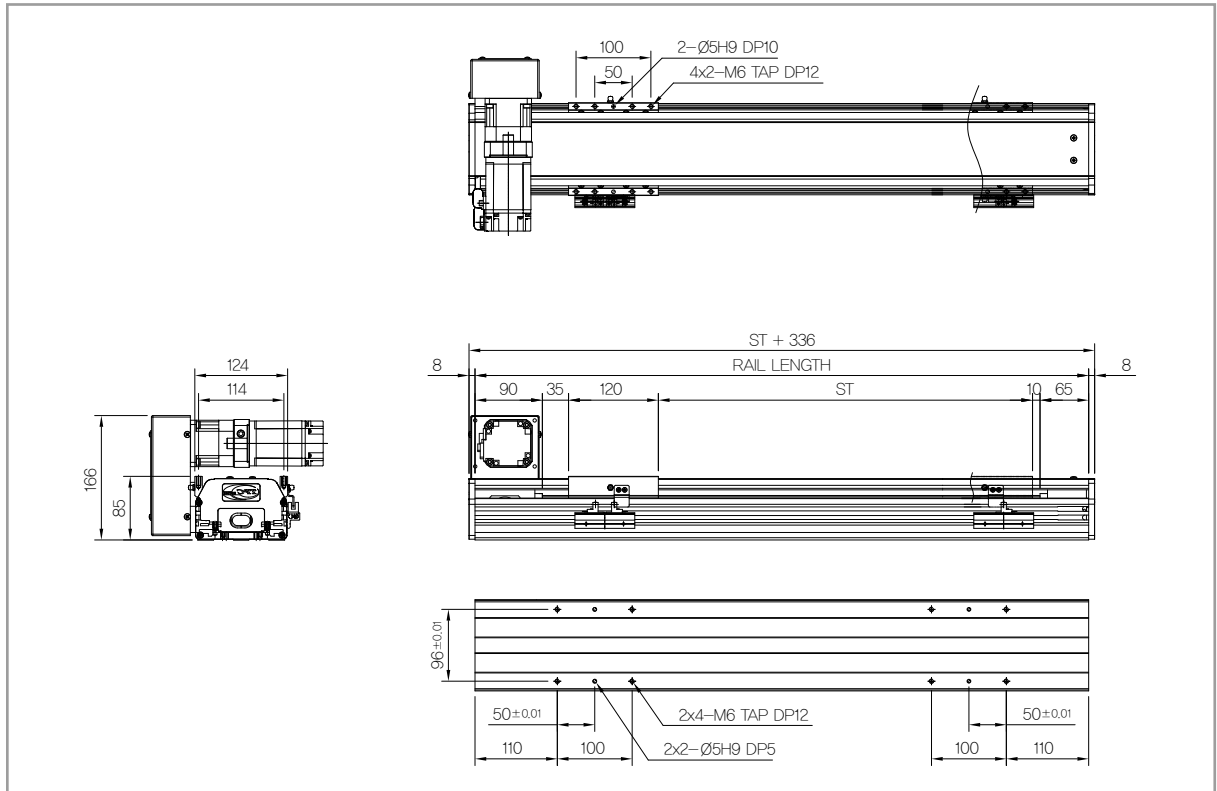
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB 120-TL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 120-TL	100~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	40	35	

TRB 120-TL 외관치수도

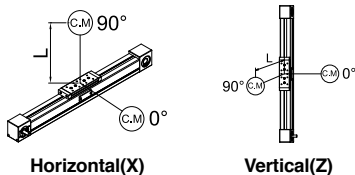


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5		
Max. Speed (mm/s)											10	200
											5	
											5	

Allowable overhang distance



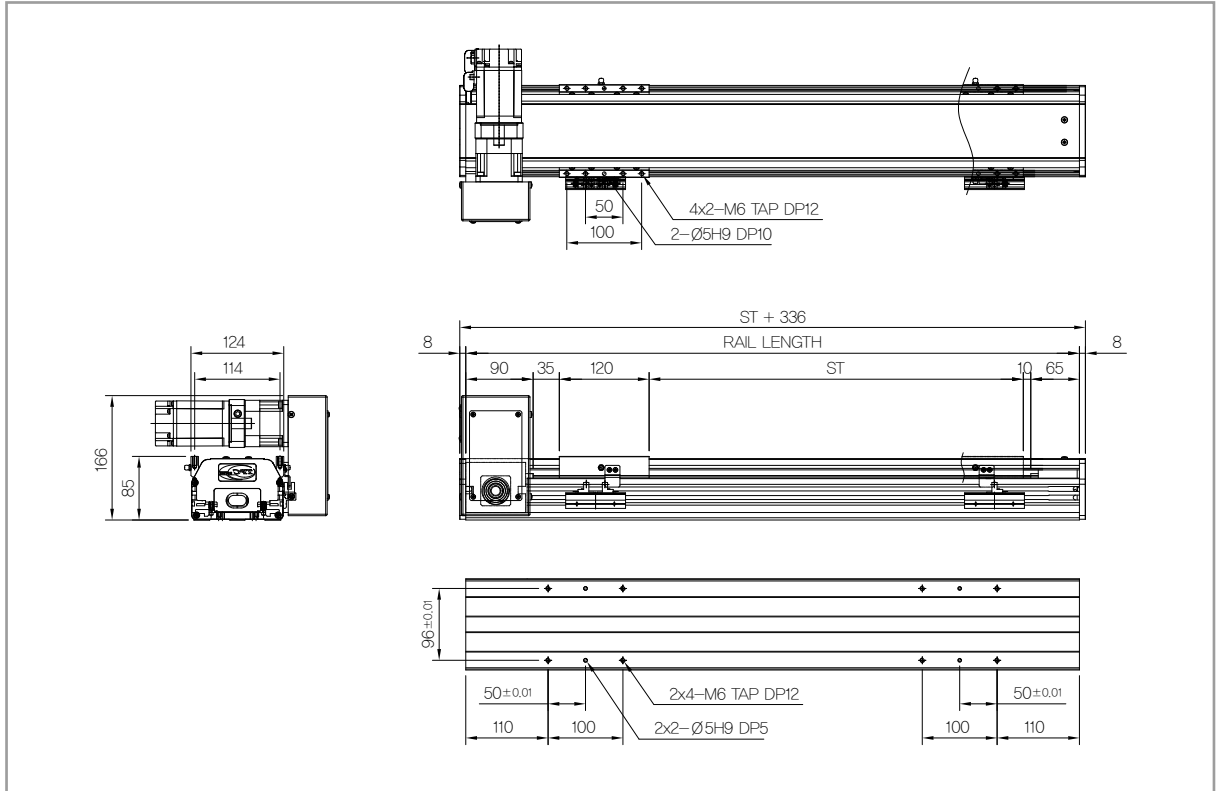
Gear Ratio	Payload	0°	90°
10	60Kg	150mm	450mm
	30Kg	300mm	700mm
5	20Kg	150mm	500mm
	10Kg	300mm	1000mm
5 (400W)	30Kg	150mm	400mm
	15Kg	300mm	900mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 120-TR	100~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB 120-TR 외관치수도

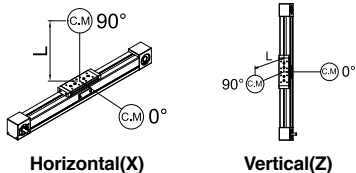


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5		
Max. Speed (mm/s)											10	200
											5	
											5	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10	60Kg	150mm	450mm
	30Kg	300mm	700mm
5	20Kg	150mm	500mm
	10Kg	300mm	1000mm
5 (400W)	30Kg	150mm	400mm
	15Kg	300mm	900mm

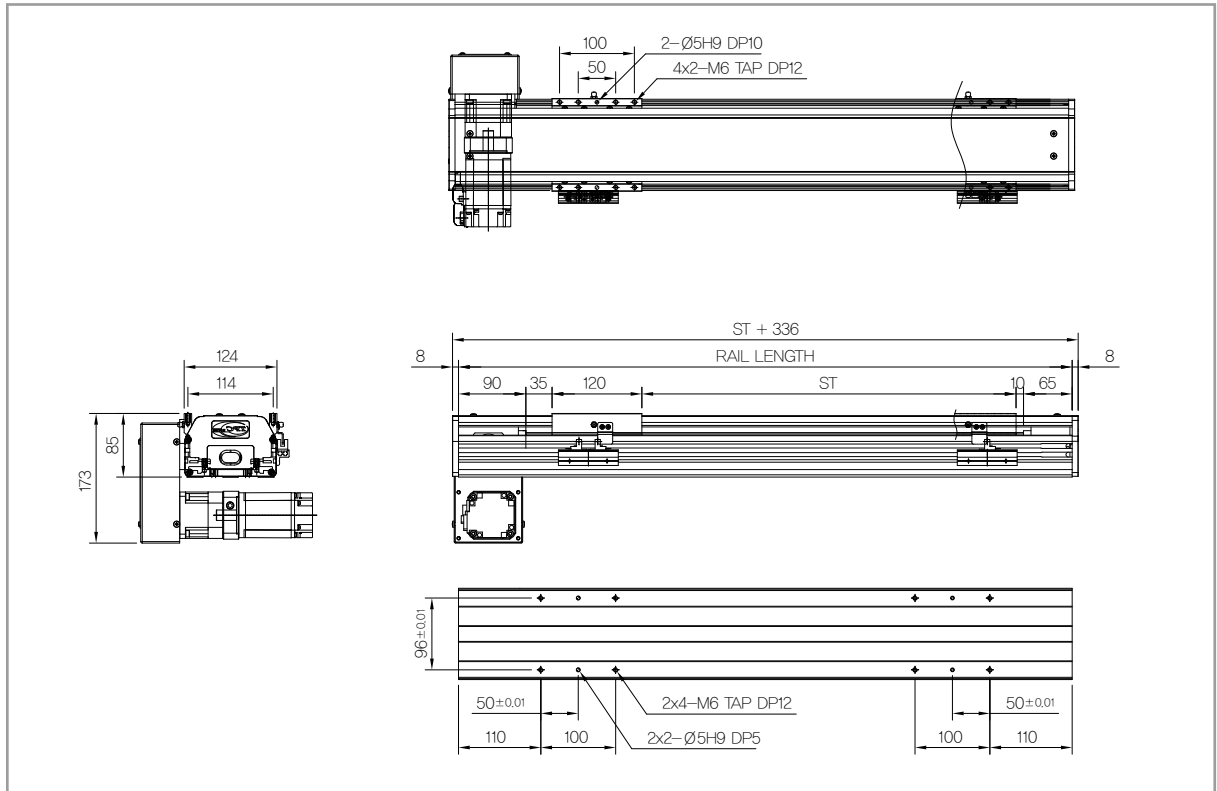
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB 120-UL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 120-UL	100~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	40	35	

TRB 120-UL 외관치수도

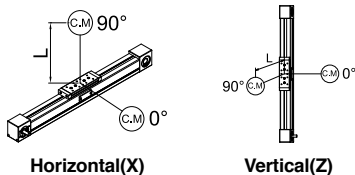


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5		
Max. Speed (mm/s)											10	200
											5	
											5	

Allowable overhang distance



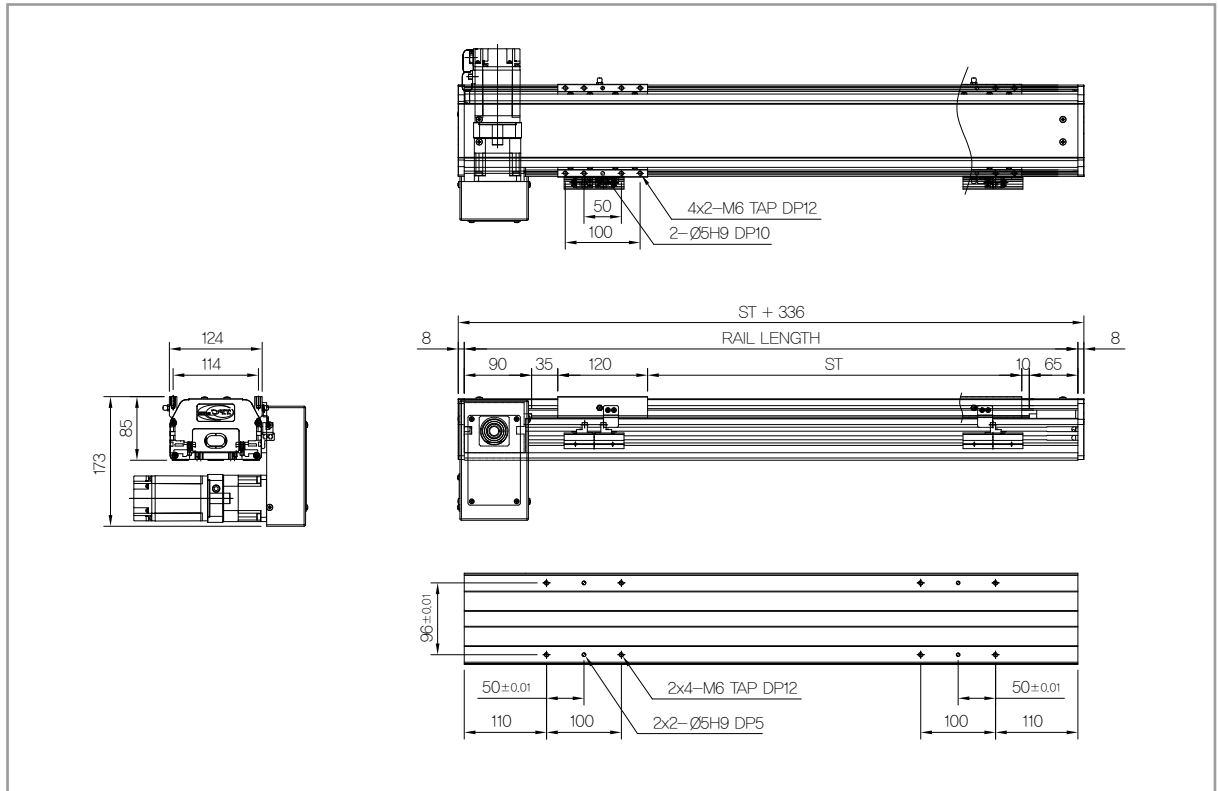
Gear Ratio	Payload	0°	90°
10	60Kg	150mm	450mm
	30Kg	300mm	700mm
5	20Kg	150mm	500mm
	10Kg	300mm	1000mm
5 (400W)	30Kg	150mm	400mm
	15Kg	300mm	900mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 120-UR	100~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB 120-UR 외관치수도

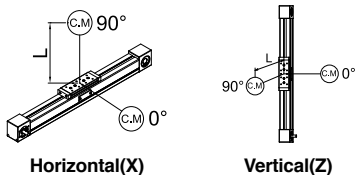


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5		
Max. Speed (mm/s)											10	200
											5	
											5	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10	60Kg	150mm	450mm
	30Kg	300mm	700mm
5	20Kg	150mm	500mm
	10Kg	300mm	1000mm
5 (400W)	30Kg	150mm	400mm
	15Kg	300mm	900mm

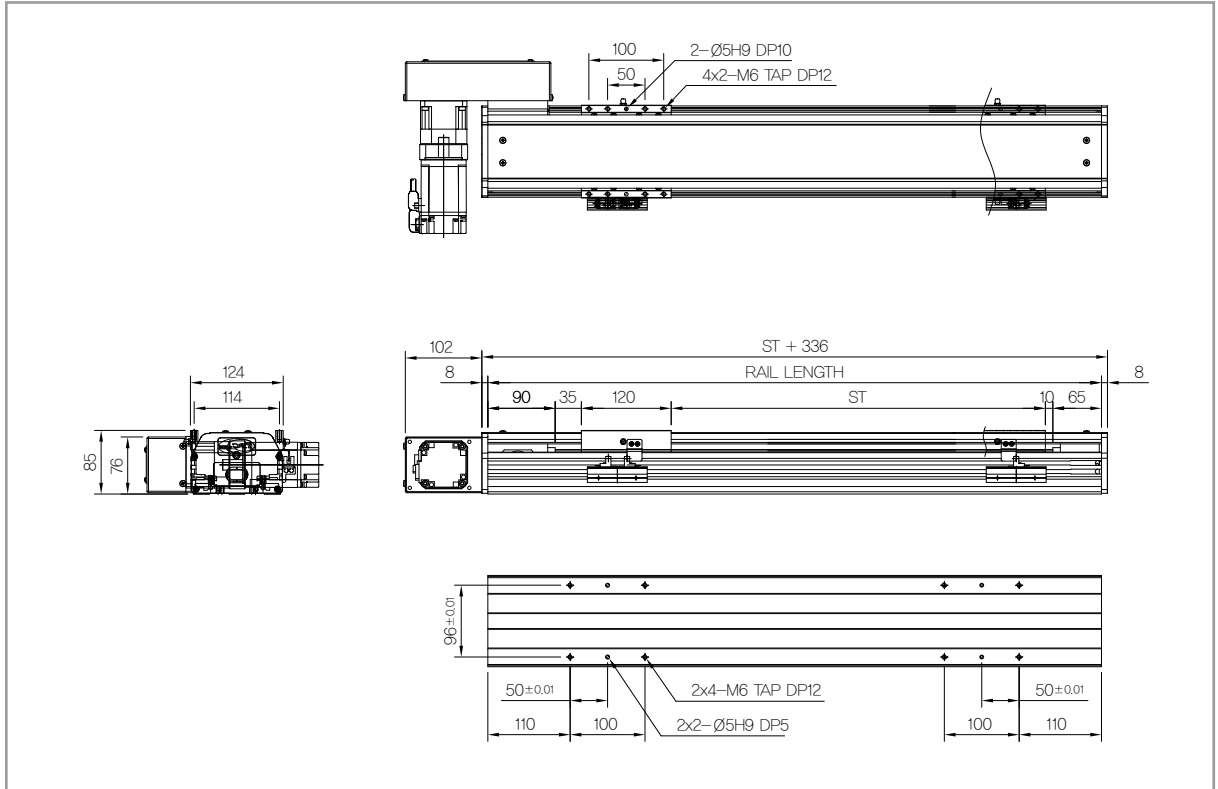
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB 120-BL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 120-BL	100~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB 120-BL 외관치수도

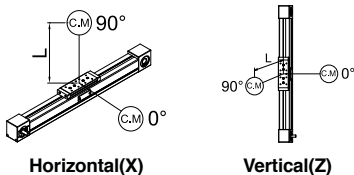


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5		
Max. Speed (mm/s)											10	200
											5	
											5	

Allowable overhang distance



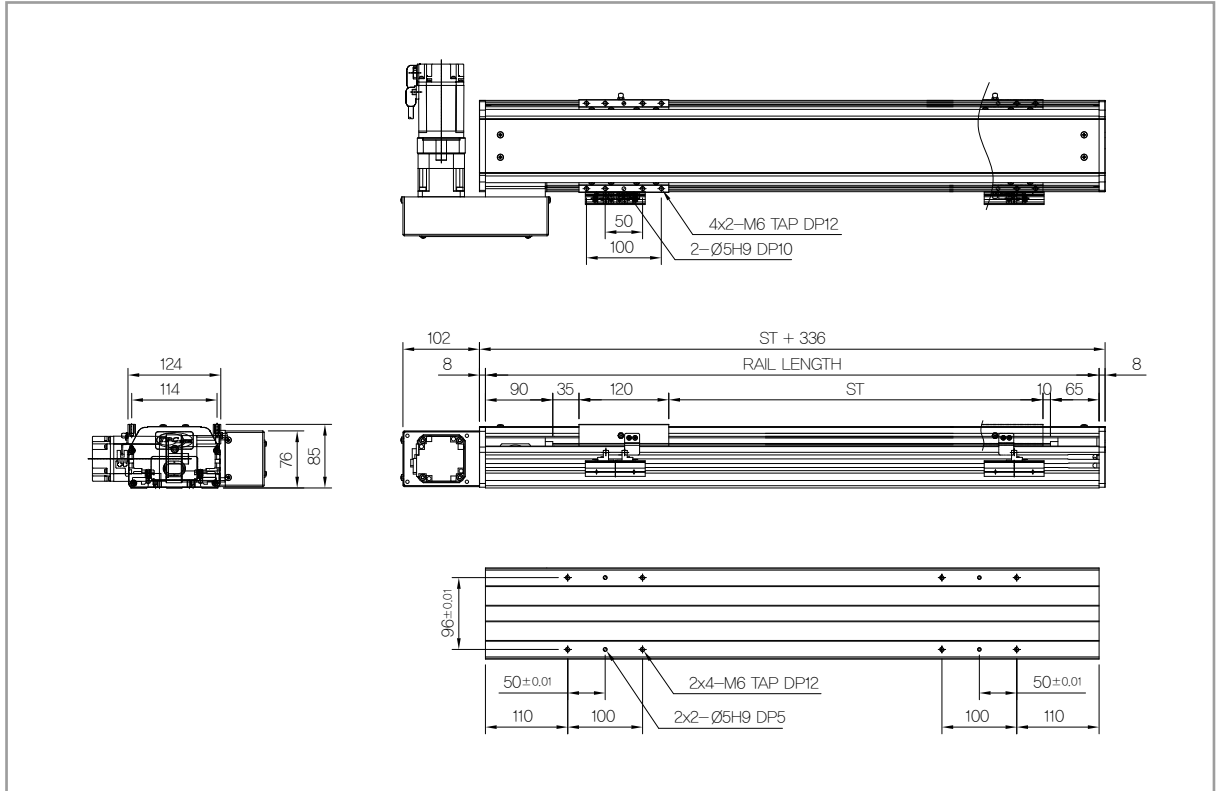
Gear Ratio	Payload	0°	90°
10	60Kg	150mm	450mm
	30Kg	300mm	700mm
5	20Kg	150mm	500mm
	10Kg	300mm	1000mm
5 (400W)	30Kg	150mm	400mm
	15Kg	300mm	900mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 120-BR	100~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB 120-BR 외관치수도

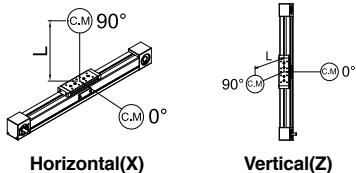


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 허부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5		
Max. Speed (mm/s)											10	200
											5	
											5	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10	60Kg	150mm	450mm
	30Kg	300mm	700mm
5	20Kg	150mm	500mm
	10Kg	300mm	1000mm
5 (400W)	30Kg	150mm	400mm
	15Kg	300mm	900mm

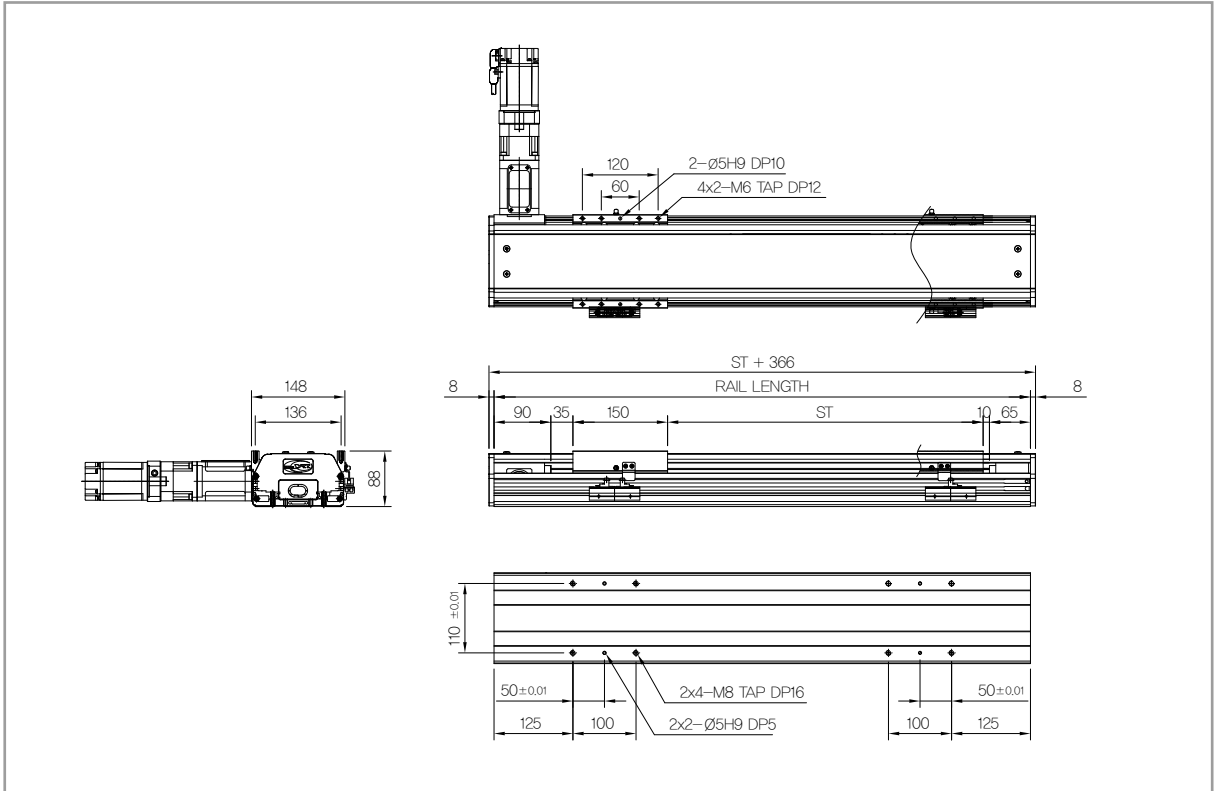
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 150-SL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 150-SL	100~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB 150-SL 외관치수도

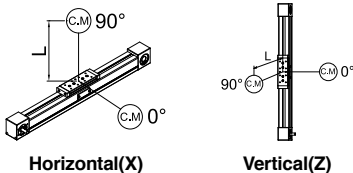


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	6.8	8.1	9.4	10.7	12	13.3	14.6	15.9	17.2	18.5		
Max. Speed (mm/s)											10	400
											5	
											3	

Allowable overhang distance



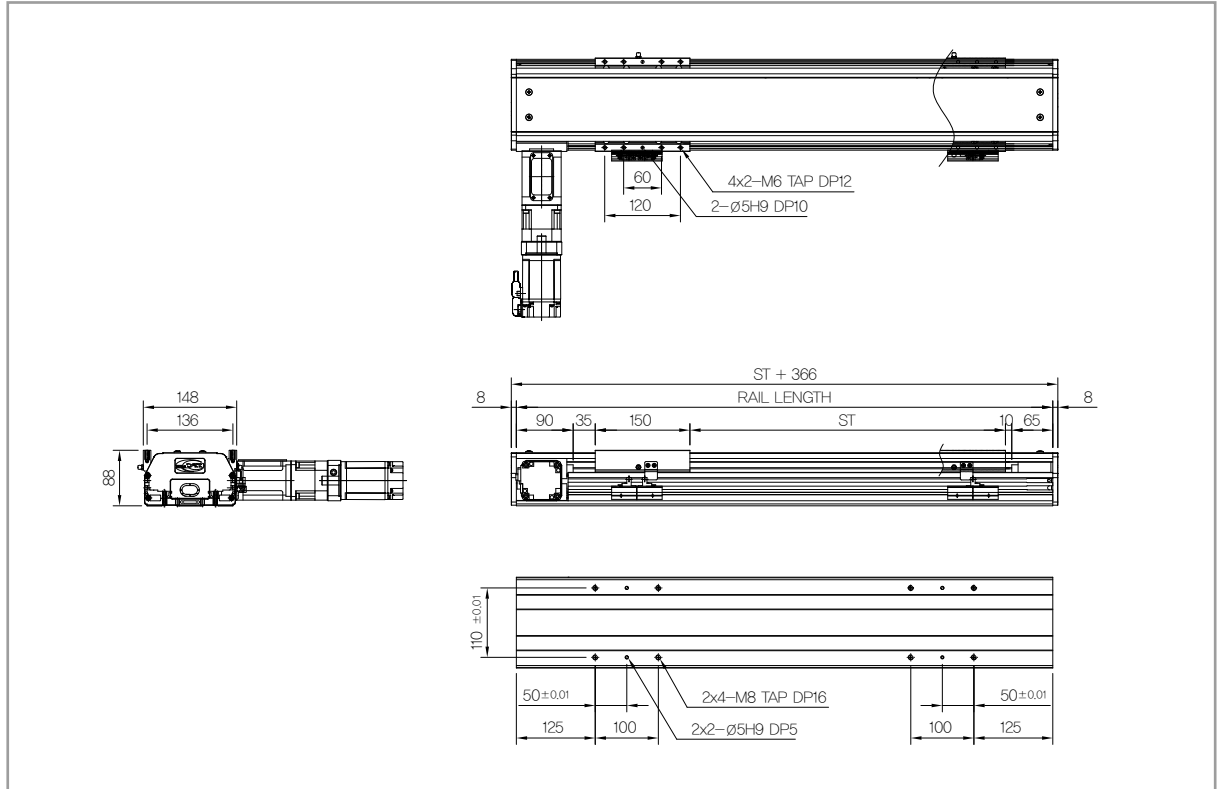
Gear Ratio	Payload	0°	90°
10	80Kg	100mm	800mm
	40Kg	300mm	1000mm
5	30Kg	150mm	500mm
	15Kg	300mm	1000mm
3	10Kg	150mm	600mm
	5Kg	400mm	900mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 150-SR	100~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB 150-SR 외관치수도

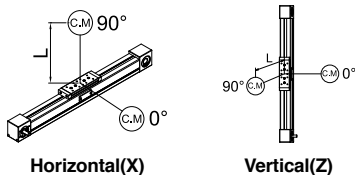


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	6.8	8.1	9.4	10.7	12	13.3	14.6	15.9	17.2	18.5		
Max. Speed (mm/s)											10	400
											5	
											3	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10	80Kg	100mm	800mm
	40Kg	300mm	1000mm
5	30Kg	150mm	500mm
	15Kg	300mm	1000mm
3	10Kg	150mm	600mm
	5Kg	400mm	900mm

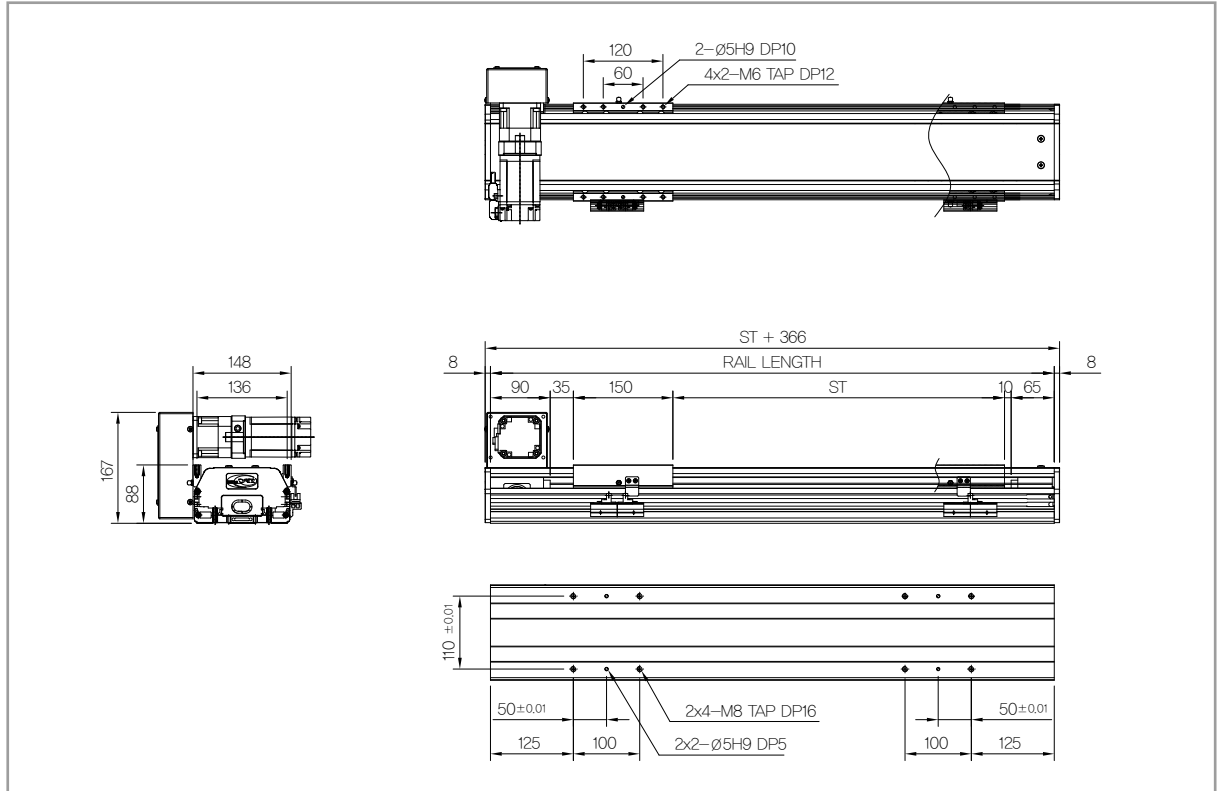
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 150-TL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 150-TL	100~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB 150-TL 외관치수도

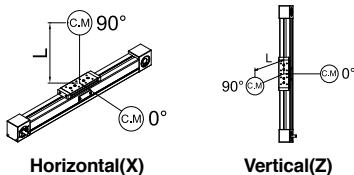


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)	
Weight(kg)	6.8	8.1	9.4	10.7	12	13.3	14.6	15.9	17.2	18.5			
Max. Speed (mm/s)											600	10	400
											1200	5	
											2000	3	

Allowable overhang distance



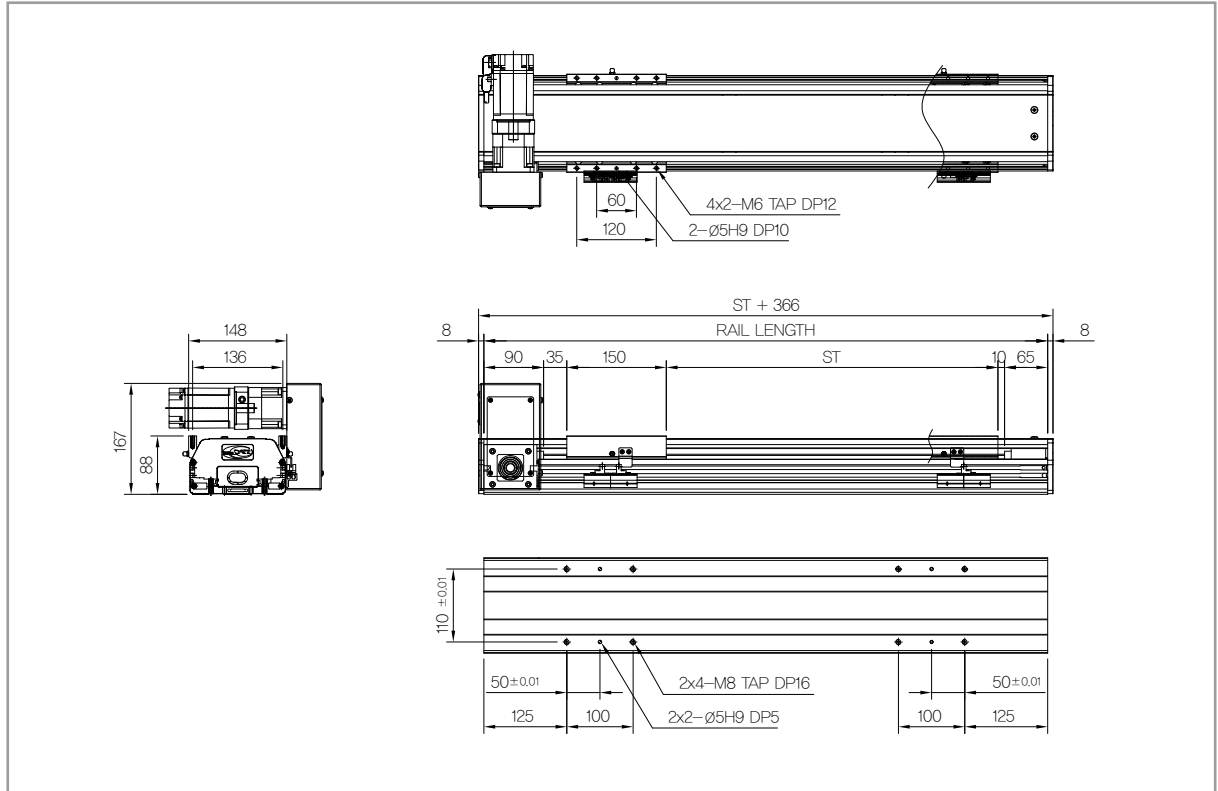
Gear Ratio	Payload	0°	90°
10	80Kg	100mm	800mm
	40Kg	300mm	1000mm
5	30Kg	150mm	500mm
	15Kg	300mm	1000mm
3	10Kg	150mm	600mm
	5Kg	400mm	900mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 150-TR	100~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB 150-TR 외관치수도

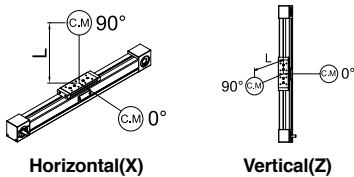


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	6.8	8.1	9.4	10.7	12	13.3	14.6	15.9	17.2	18.5		
Max. Speed (mm/s)	600										5	
	1200										3	
	2000											

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10	80Kg	100mm	800mm
	40Kg	300mm	1000mm
5	30Kg	150mm	500mm
	15Kg	300mm	1000mm
3	10Kg	150mm	600mm
	5Kg	400mm	900mm

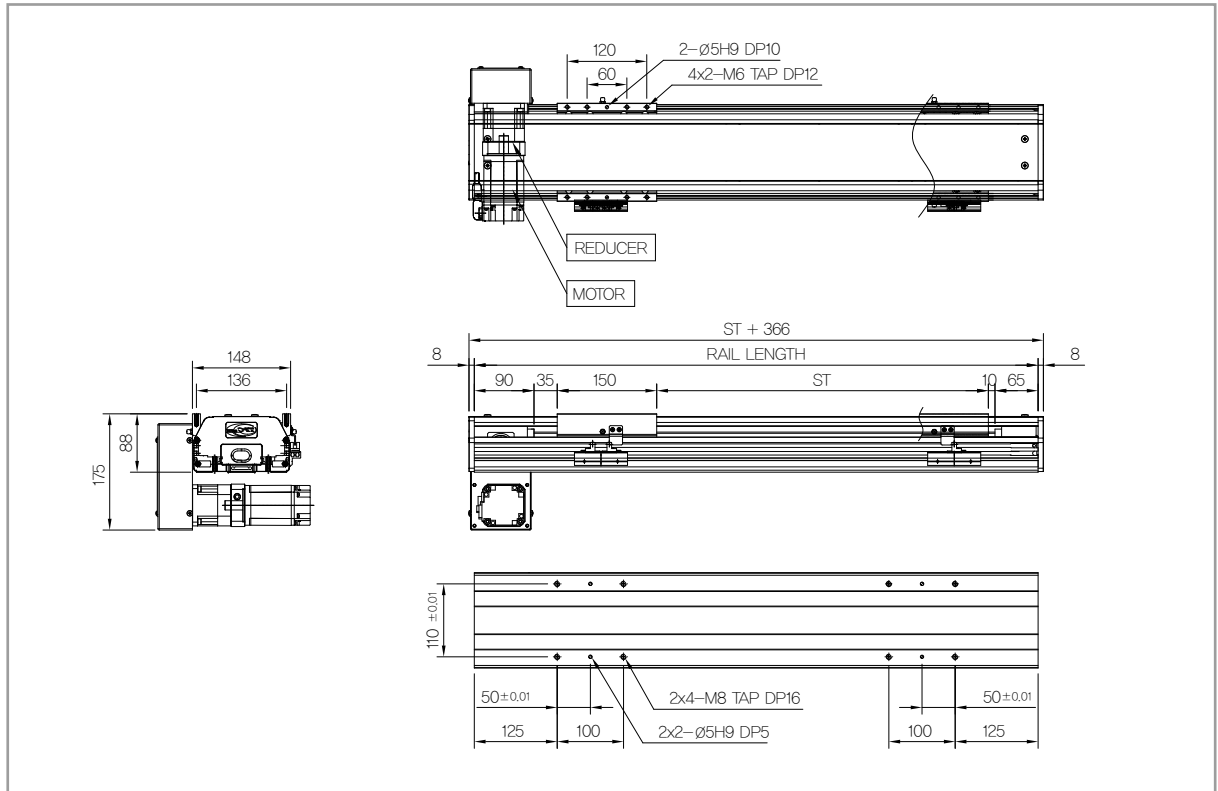
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB 150-UL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 150-UL	100~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB 150-UL 외관치수도

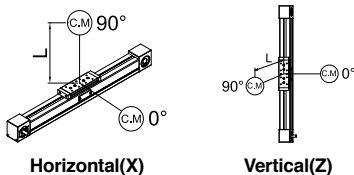


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	6.8	8.1	9.4	10.7	12	13.3	14.6	15.9	17.2	18.5		
Max. Speed (mm/s)											10	400
											5	
											3	

Allowable overhang distance



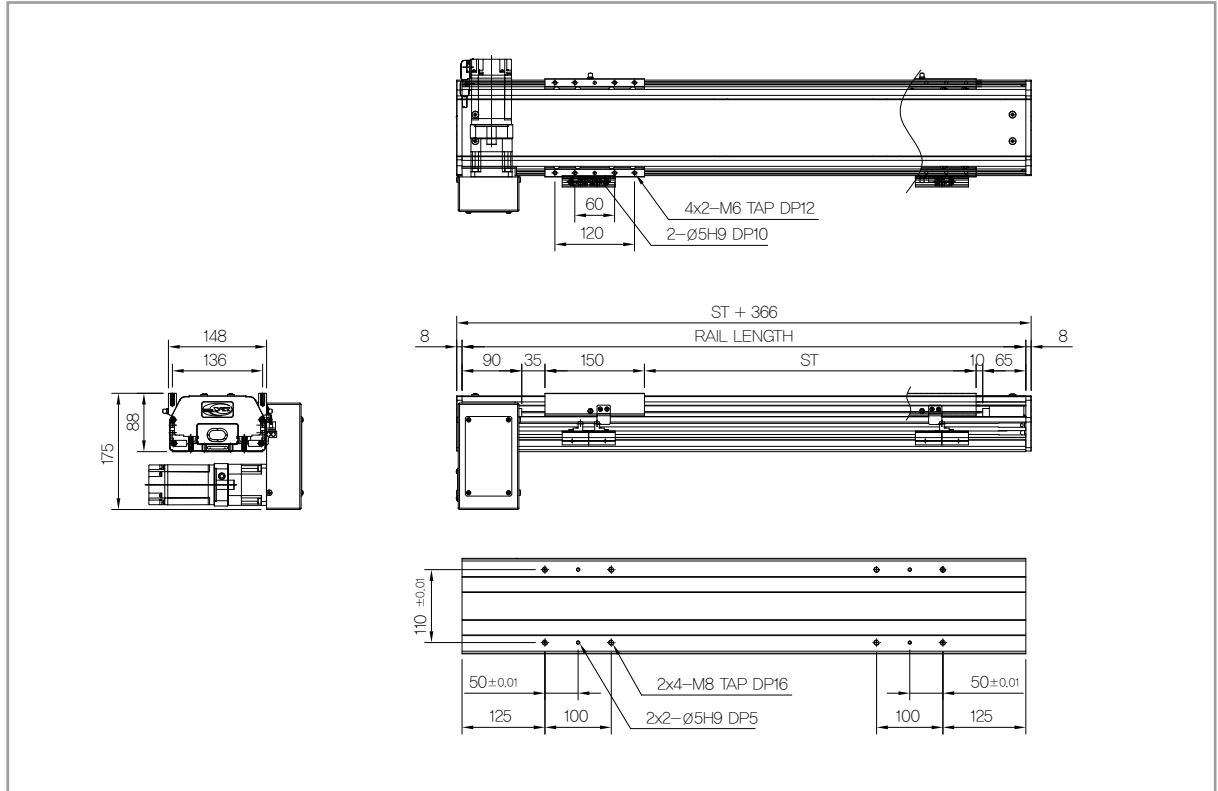
Gear Ratio	Payload	0°	90°
10	80Kg	100mm	800mm
	40Kg	300mm	1000mm
5	30Kg	150mm	500mm
	15Kg	300mm	1000mm
3	10Kg	150mm	600mm
	5Kg	400mm	900mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 150-UR	100~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB 150-UR 외관치수도

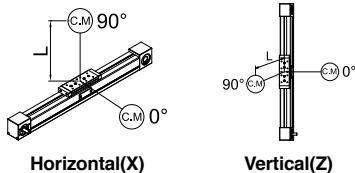


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	6.8	8.1	9.4	10.7	12	13.3	14.6	15.9	17.2	18.5		
Max. Speed (mm/s)											10	400
											5	
											3	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10	80Kg	100mm	800mm
	40Kg	300mm	1000mm
5	30Kg	150mm	500mm
	15Kg	300mm	1000mm
3	10Kg	150mm	600mm
	5Kg	400mm	900mm

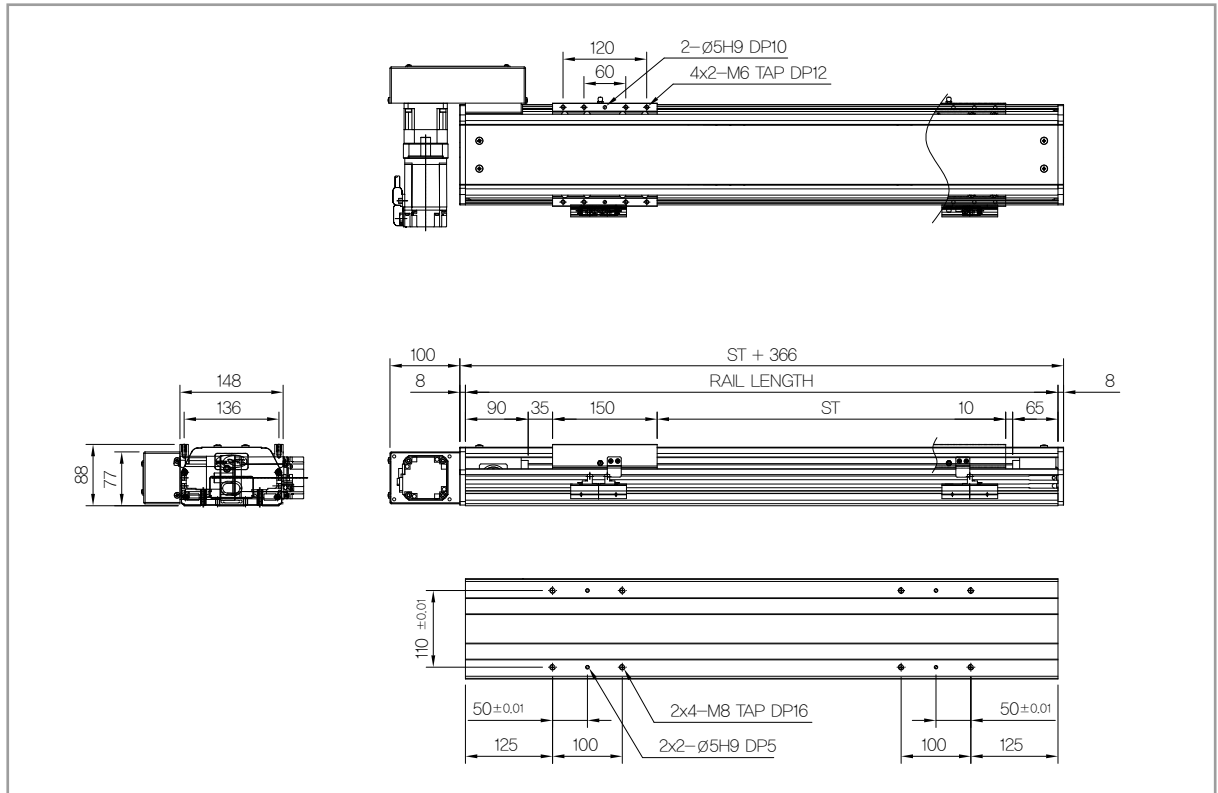
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 150-BL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 150-BL	100~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB 150-BL 외관치수도

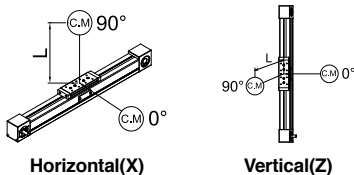


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	6.8	8.1	9.4	10.7	12	13.3	14.6	15.9	17.2	18.5		
Max. Speed (mm/s)	600										5	
	1200										3	
	2000											

Allowable overhang distance



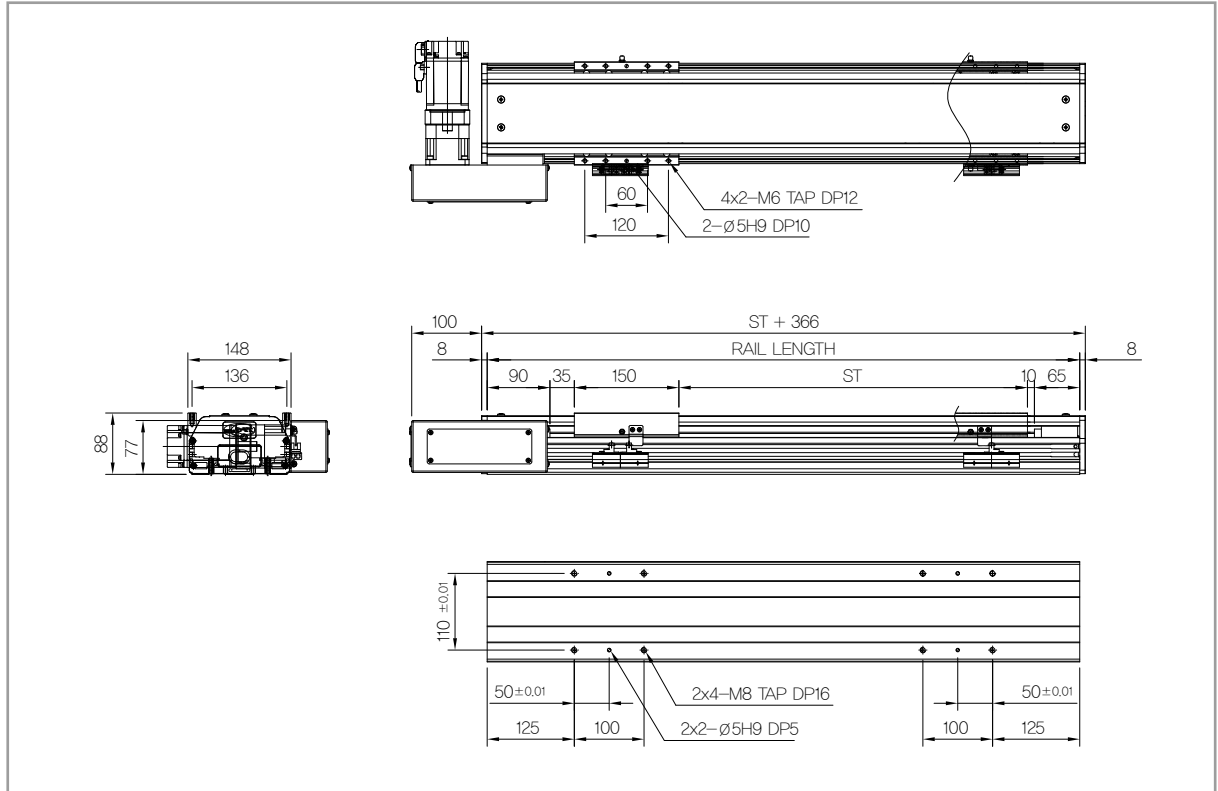
Gear Ratio	Payload	0°	90°
10	80Kg	100mm	800mm
	40Kg	300mm	1000mm
5	30Kg	150mm	500mm
	15Kg	300mm	1000mm
3	10Kg	150mm	600mm
	5Kg	400mm	900mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 150-BR	100~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB 150-BR 외관치수도

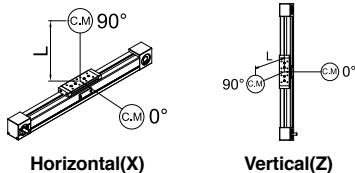


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	6.8	8.1	9.4	10.7	12	13.3	14.6	15.9	17.2	18.5		
Max. Speed (mm/s)											10	400
											5	
											3	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10	80Kg	100mm	800mm
	40Kg	300mm	1000mm
5	30Kg	150mm	500mm
	15Kg	300mm	1000mm
3	10Kg	150mm	600mm
	5Kg	400mm	900mm

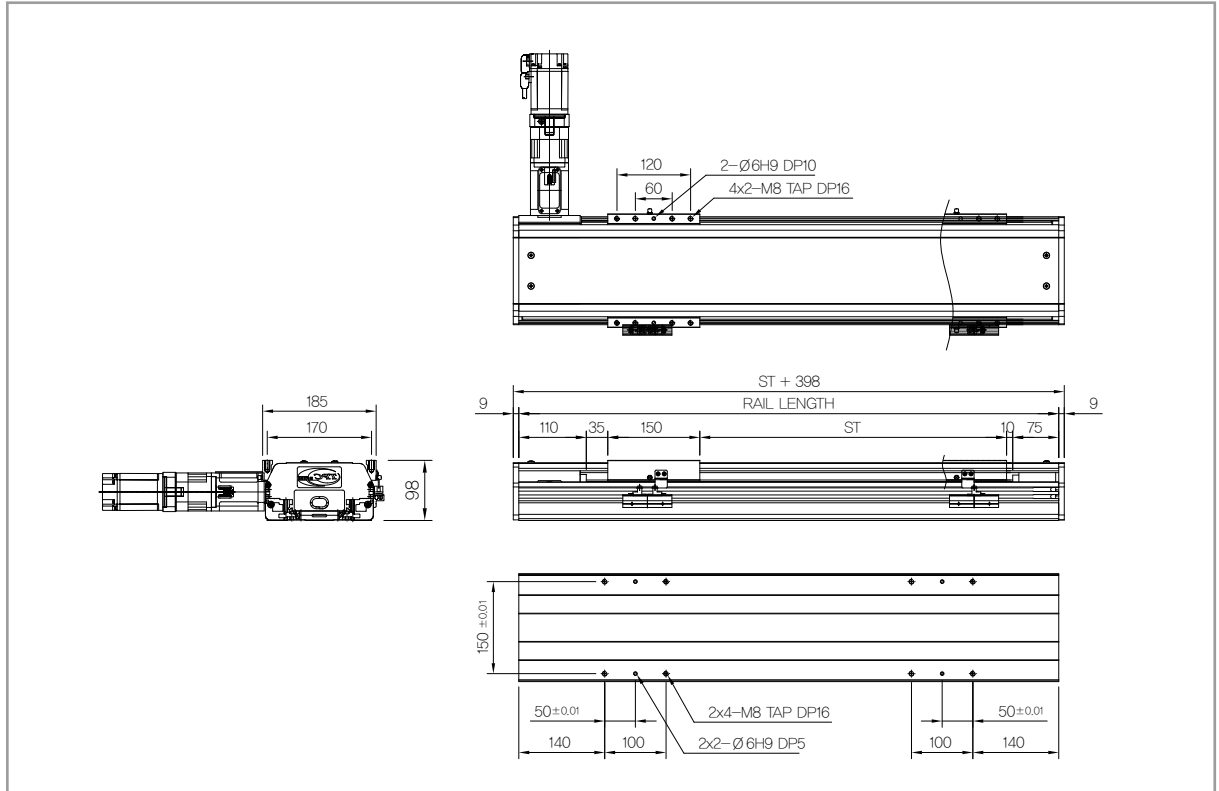
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 180-SL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 180-SL	100~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167	750	50	40

TRB 180-SL 외관치수도

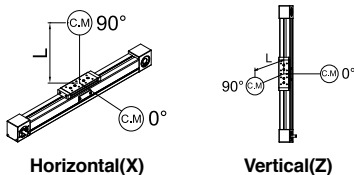


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	10.1	11.7	13.3	14.9	16.5	18.1	19.7	21.3	22.9	24.5		
Max. Speed (mm/s)											10	400
											5	750
											3	750

Allowable overhang distance



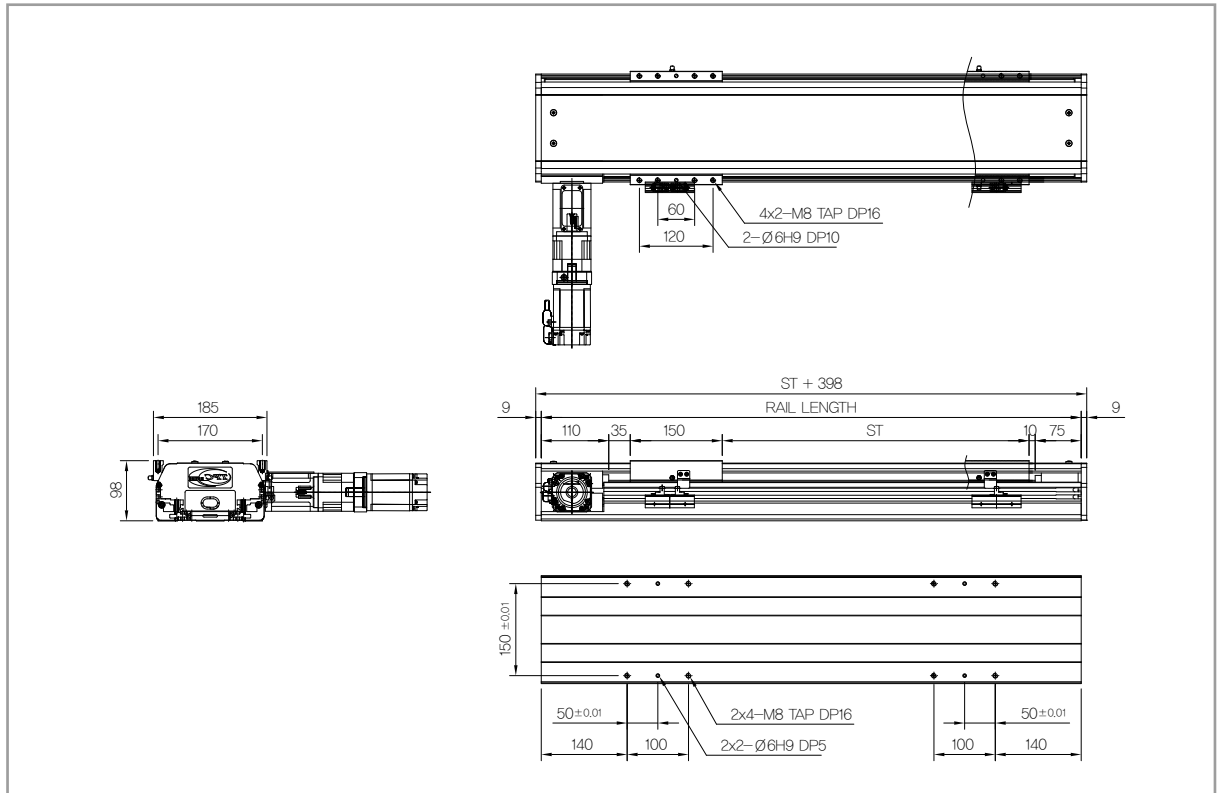
Gear Ratio	Payload	0°	90°
10 (400W)	40Kg	100mm	800mm
	25Kg	250mm	1000mm
5	40Kg	250mm	900mm
	25Kg	500mm	1000mm
3	10Kg	200mm	600mm
	5Kg	400mm	900mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 180-SR	100~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB 180-SR 외관치수도

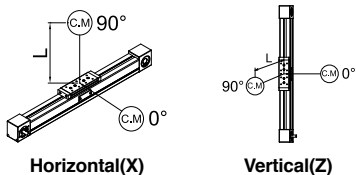


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	10.1	11.7	13.3	14.9	16.5	18.1	19.7	21.3	22.9	24.5		
Max. Speed (mm/s)											10	400
											5	750
											3	750

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10 (400W)	40Kg	100mm	800mm
	25Kg	250mm	1000mm
5	40Kg	250mm	900mm
	25Kg	500mm	1000mm
3	10Kg	200mm	600mm
	5Kg	400mm	900mm

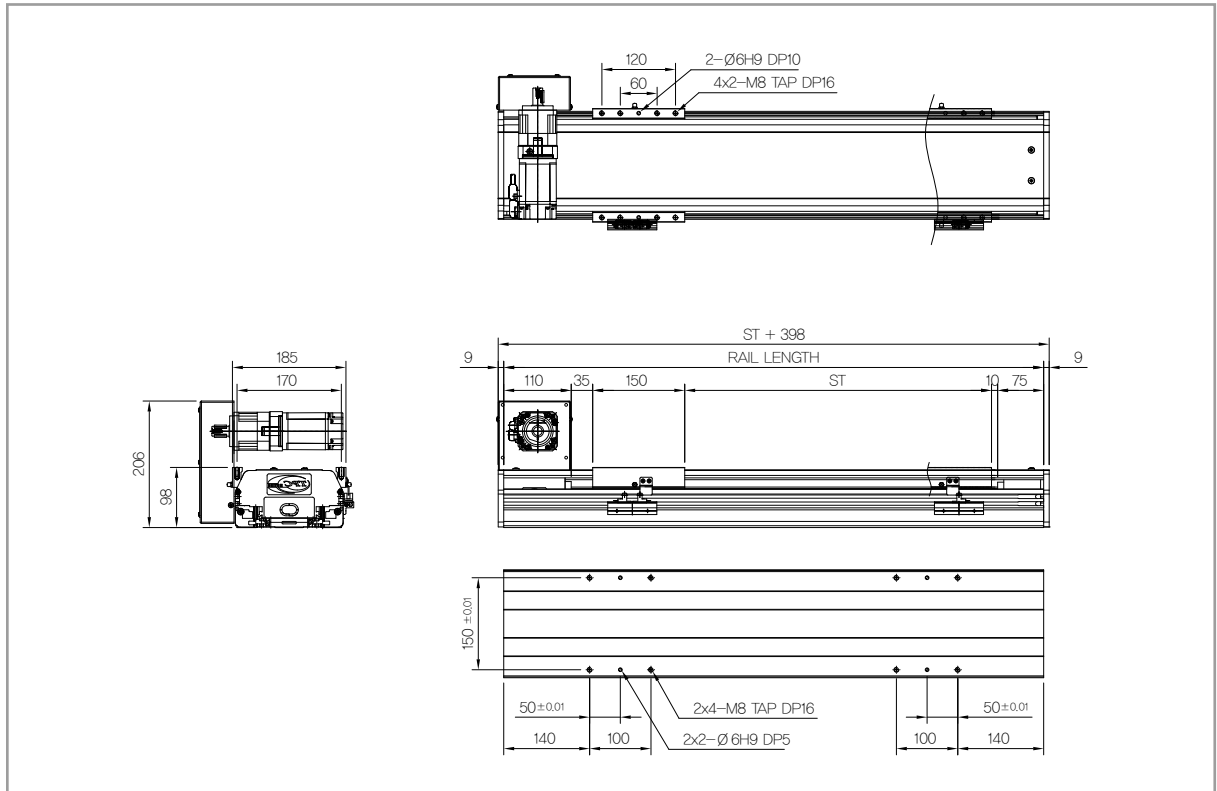
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 180-TL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 180-TL	100~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB 180-TL 외관치수도

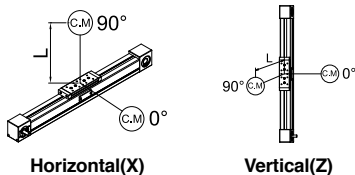


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	10.1	11.7	13.3	14.9	16.5	18.1	19.7	21.3	22.9	24.5		
Max. Speed (mm/s)											10	400
											5	750
											3	

Allowable overhang distance



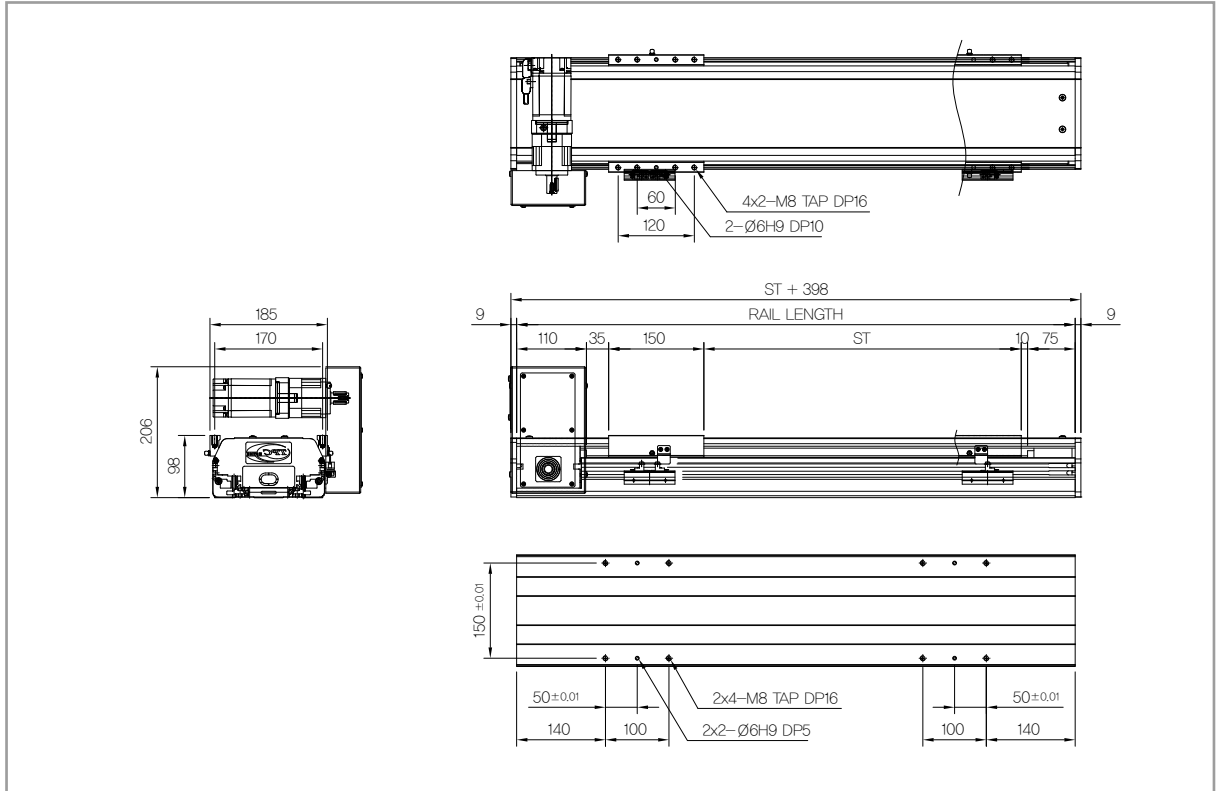
Gear Ratio	Payload	0°	90°
10 (400W)	40Kg	100mm	800mm
	25Kg	250mm	1000mm
5	40Kg	250mm	900mm
	25Kg	500mm	1000mm
3	10Kg	200mm	600mm
	5Kg	400mm	900mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 180-TR	100~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB 180-TR 외관치수도

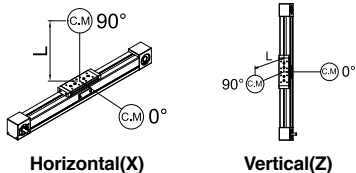


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	10.1	11.7	13.3	14.9	16.5	18.1	19.7	21.3	22.9	24.5		
Max. Speed (mm/s)											10	400
											5	750
											3	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10 (400W)	40Kg	100mm	800mm
	25Kg	250mm	1000mm
5	40Kg	250mm	900mm
	25Kg	500mm	1000mm
3	10Kg	200mm	600mm
	5Kg	400mm	900mm

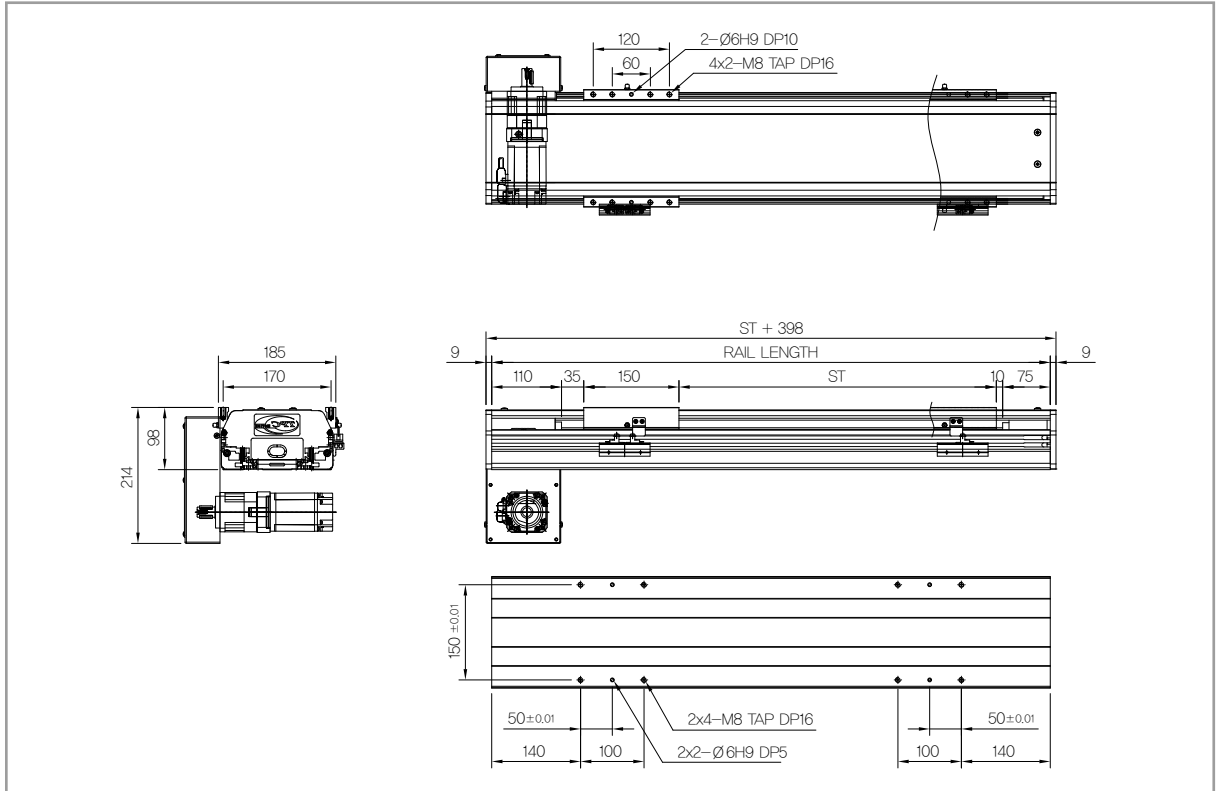
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 180-UL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 180-UL	100~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB 180-UL 외관치수도

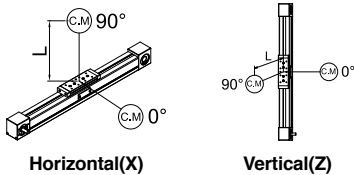


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	10.1	11.7	13.3	14.9	16.5	18.1	19.7	21.3	22.9	24.5		
Max. Speed (mm/s)											10	400
											5	750
											3	750

Allowable overhang distance



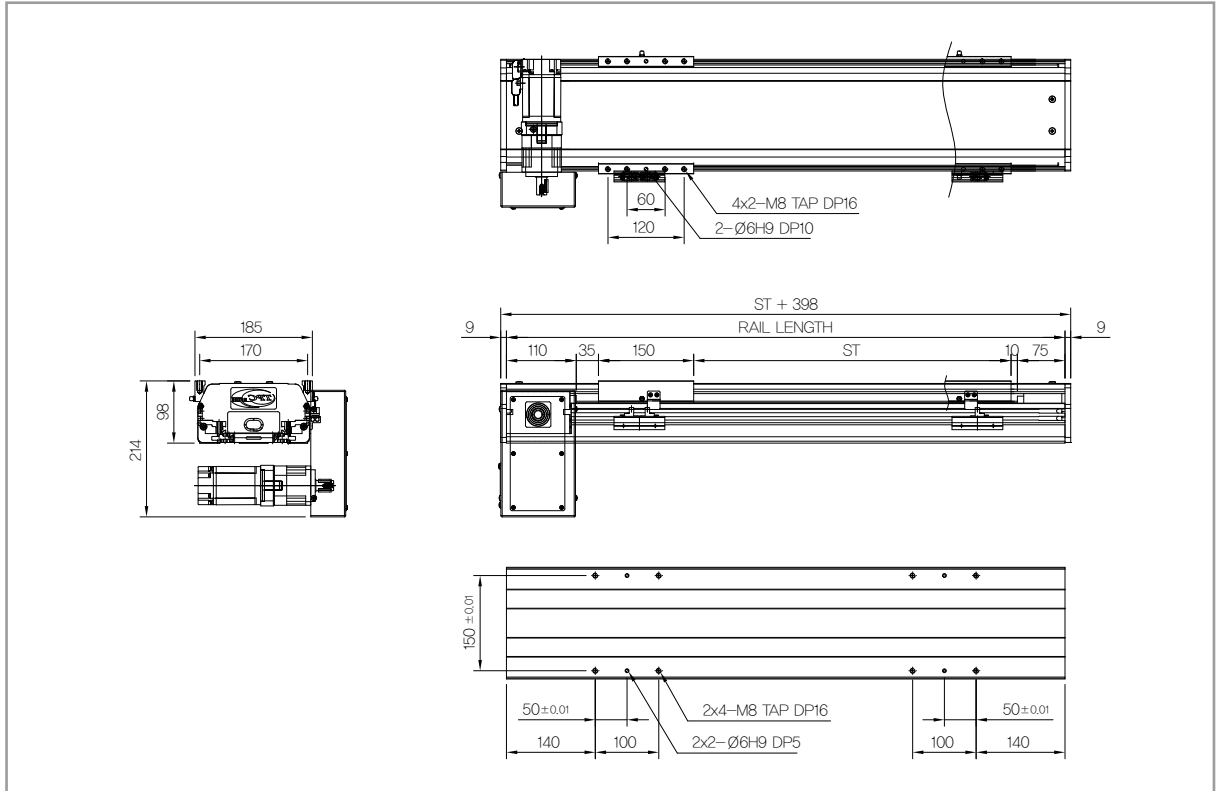
Gear Ratio	Payload	0°	90°
10 (400W)	40Kg	100mm	800mm
	25Kg	250mm	1000mm
5	40Kg	250mm	900mm
	25Kg	500mm	1000mm
3	10Kg	200mm	600mm
	5Kg	400mm	900mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 180-UR	100~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB 180-UR 외관치수도

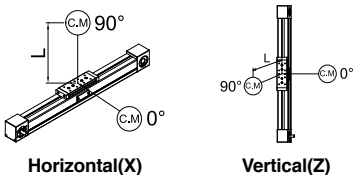


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- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	10.1	11.7	13.3	14.9	16.5	18.1	19.7	21.3	22.9	24.5		
Max. Speed (mm/s)											10	400
											5	750
											3	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10 (400W)	40Kg	100mm	800mm
	25Kg	250mm	1000mm
5	40Kg	250mm	900mm
	25Kg	500mm	1000mm
3	10Kg	200mm	600mm
	5Kg	400mm	900mm

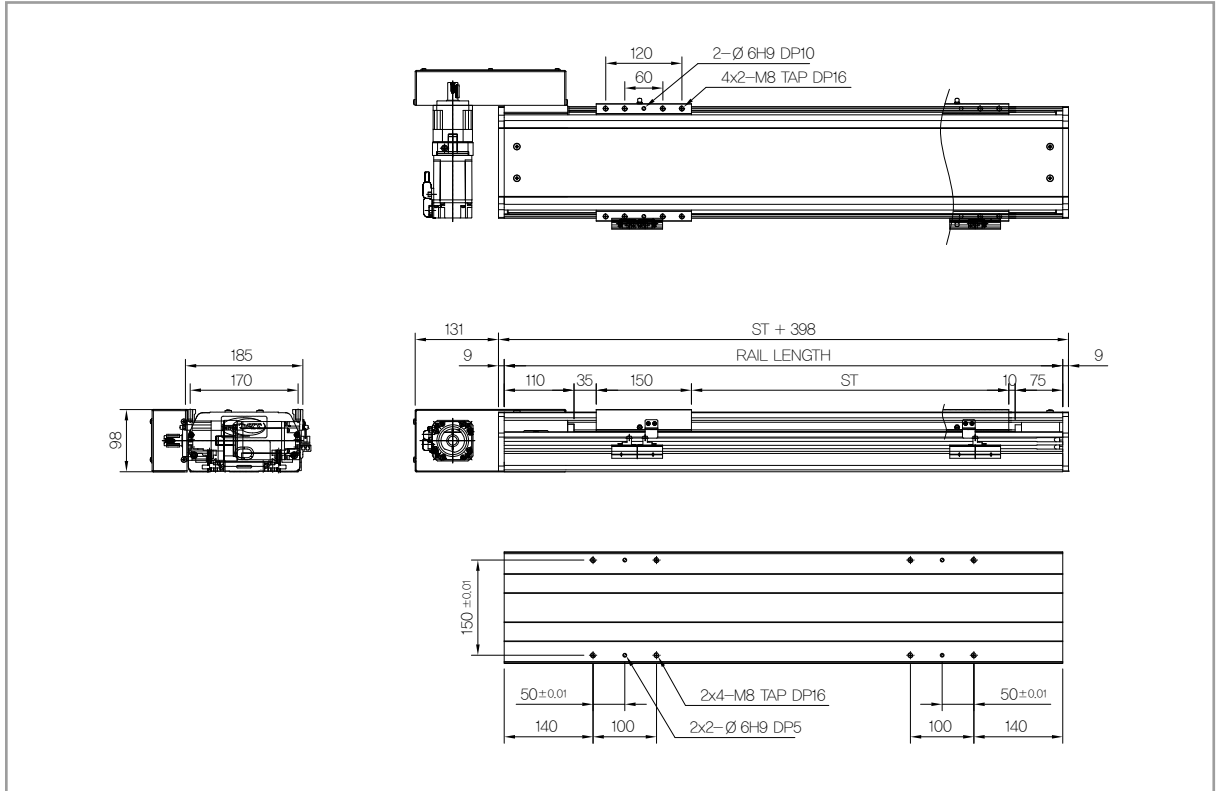
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 180-BL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 180-BL	100~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB 180-BL 외관치수도

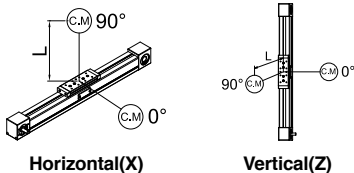


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	10.1	11.7	13.3	14.9	16.5	18.1	19.7	21.3	22.9	24.5		
Max. Speed (mm/s)											10	400
											5	750
											3	750

Allowable overhang distance



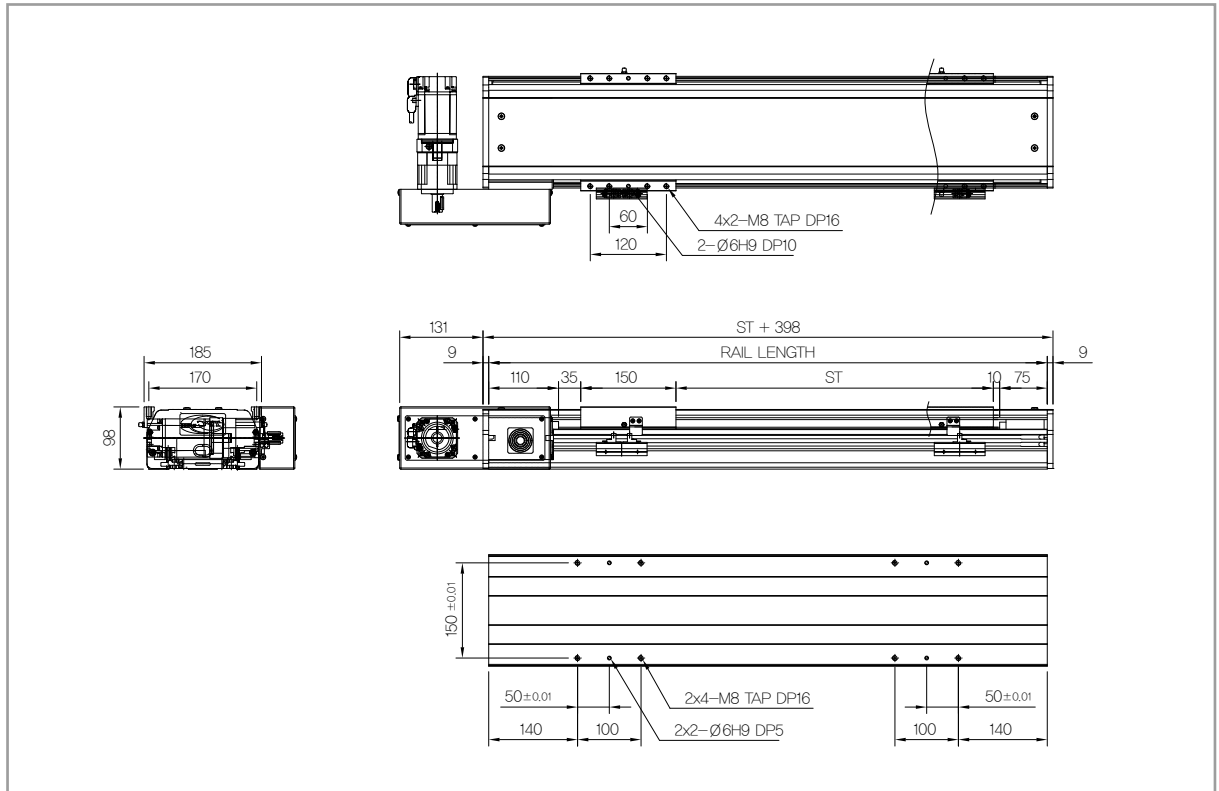
Gear Ratio	Payload	0°	90°
10 (400W)	40Kg	100mm	800mm
	25Kg	250mm	1000mm
5	40Kg	250mm	900mm
	25Kg	500mm	1000mm
3	10Kg	200mm	600mm
	5Kg	400mm	900mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 180-BR	100~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB 180-BR 외관치수도

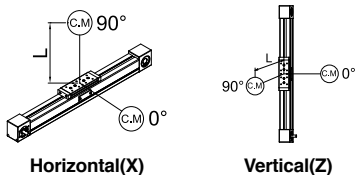


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- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	10.1	11.7	13.3	14.9	16.5	18.1	19.7	21.3	22.9	24.5		
Max. Speed (mm/s)											10	400
											5	750
											3	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10 (400W)	40Kg	100mm	800mm
	25Kg	250mm	1000mm
5	40Kg	250mm	900mm
	25Kg	500mm	1000mm
3	10Kg	200mm	600mm
	5Kg	400mm	900mm

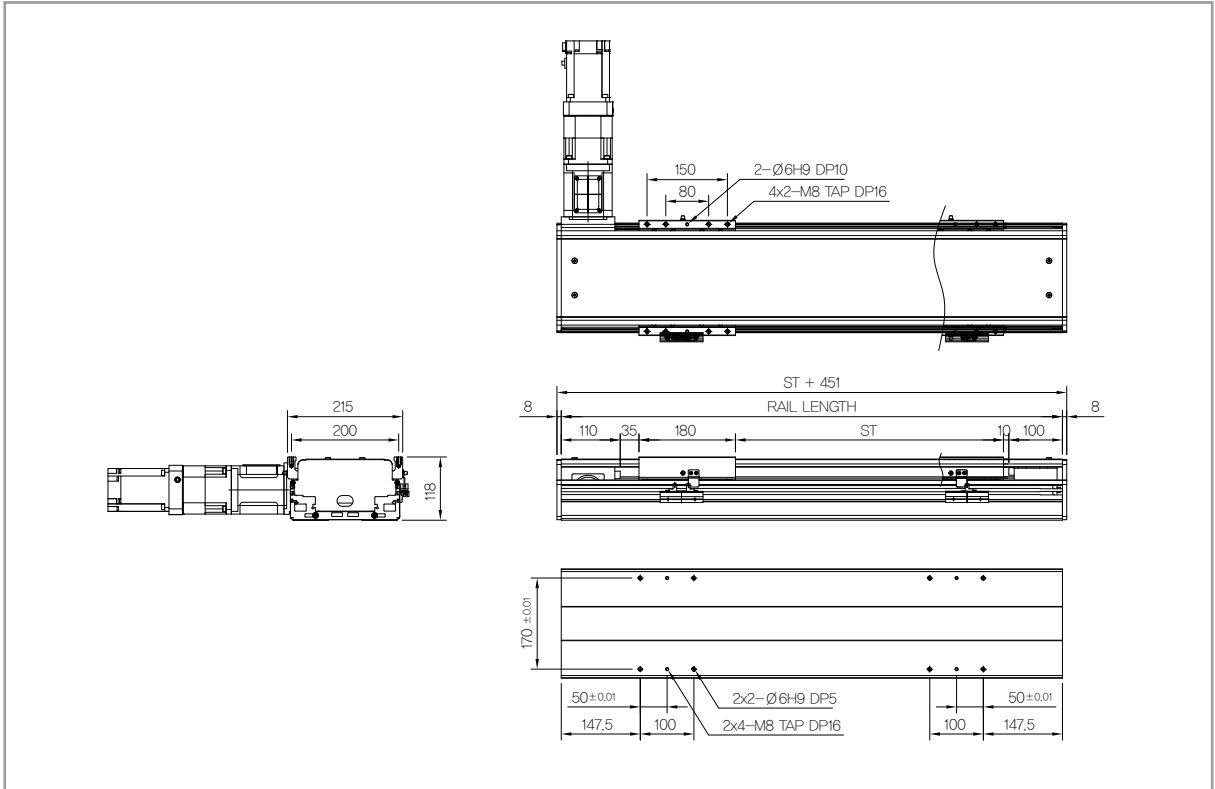
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 210-SL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 210-SL	100~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB 210-SL 외관치수도

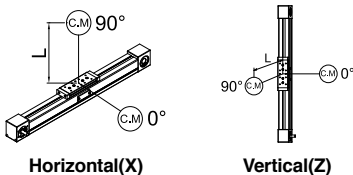


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	16.4	18.6	20.8	23	25.2	27.4	29.6	31.8	34	36.2		
Max. Speed (mm/s)											10	750
											5	
											3	

Allowable overhang distance



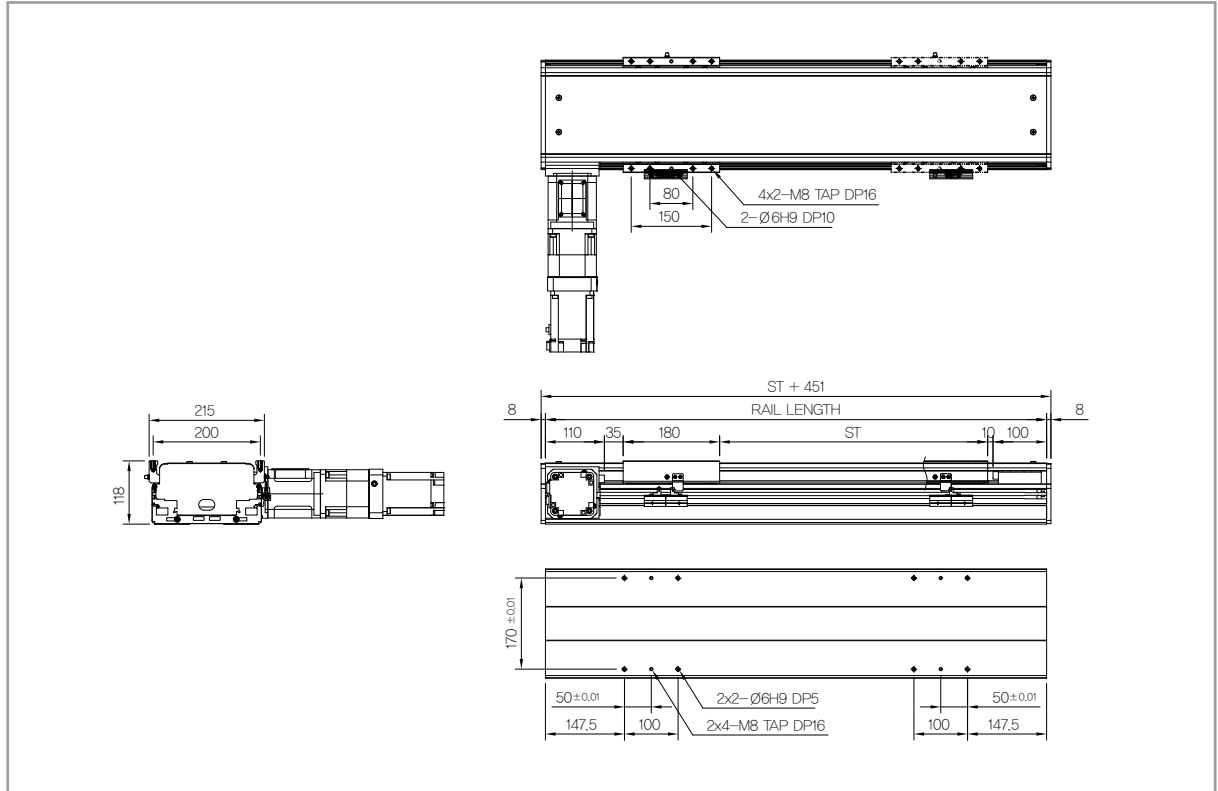
Gear Ratio	Payload	0°	90°
10	120Kg	100mm	800mm
	80Kg	300mm	800mm
5	40Kg	150mm	500mm
	20Kg	300mm	1000mm
3	20Kg	100mm	500mm
	10Kg	300mm	1000mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 210-SR	100~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB 210-SR 외관치수도

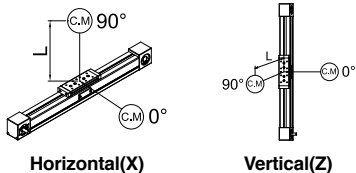


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- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	16.4	18.6	20.8	23	25.2	27.4	29.6	31.8	34	36.2		
Max. Speed (mm/s)											10	750
											5	
											3	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10	120Kg	100mm	800mm
	80Kg	300mm	800mm
5	40Kg	150mm	500mm
	20Kg	300mm	1000mm
3	20Kg	100mm	500mm
	10Kg	300mm	1000mm

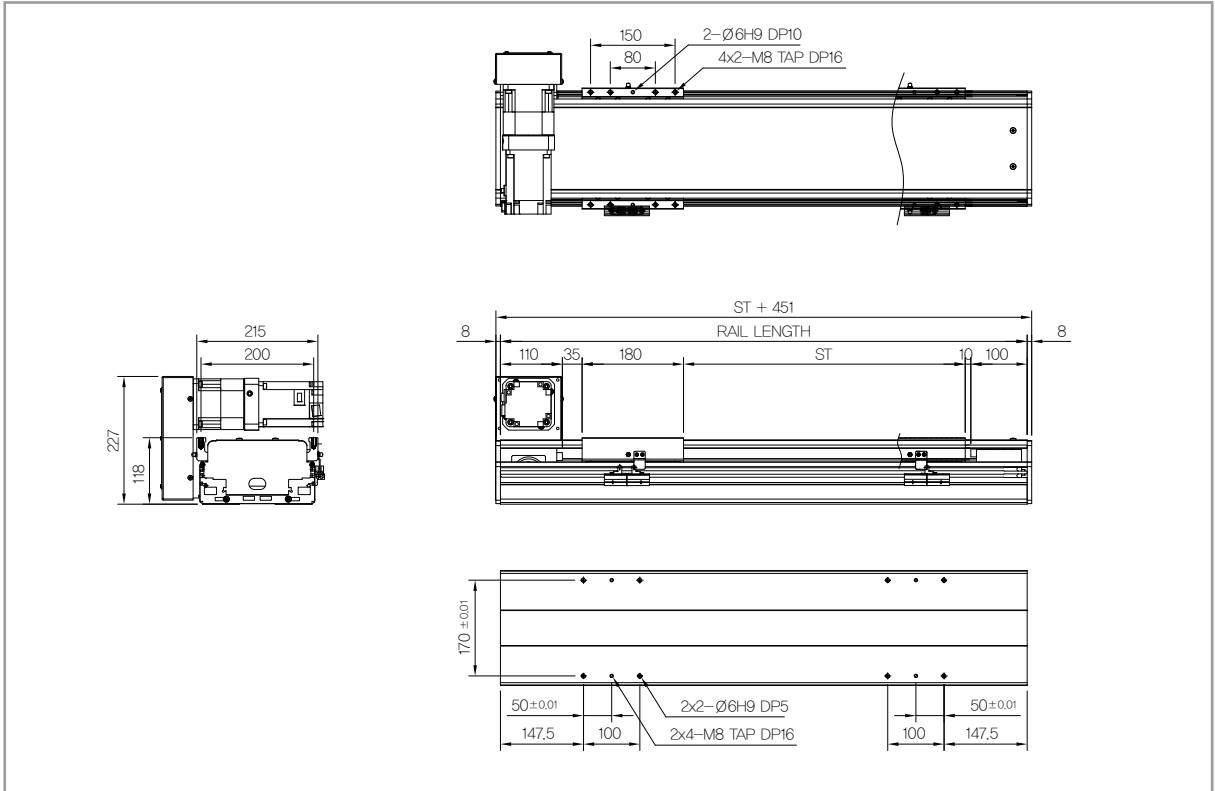
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 210-TL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 210-TL	100~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB 210-TL 외관치수도

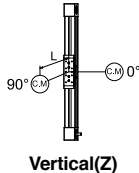
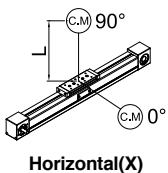


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	16.4	18.6	20.8	23	25.2	27.4	29.6	31.8	34	36.2		
Max. Speed (mm/s)											10	750
											5	
											3	

Allowable overhang distance



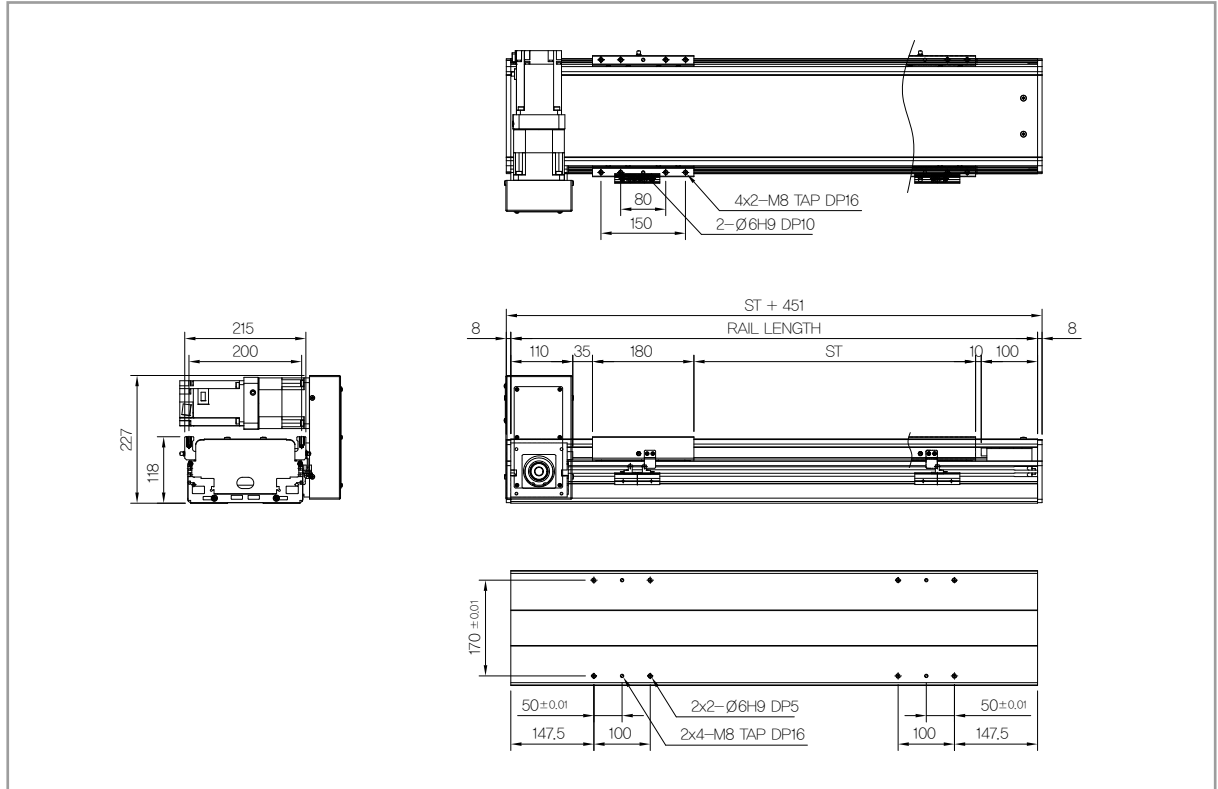
Gear Ratio	Payload	0°	90°
10	120Kg	100mm	800mm
	80Kg	300mm	800mm
5	40Kg	150mm	500mm
	20Kg	300mm	1000mm
3	20Kg	100mm	500mm
	10Kg	300mm	1000mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 210-TR	100~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB 210-TR 외관치수도

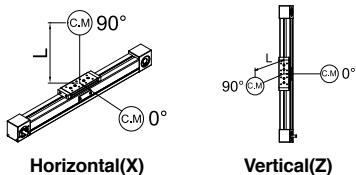


- 본 치수도는 참고용이며 SENSOR와 MOTOR 사양 변경 시 사전협의 후 진행.
- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	16.4	18.6	20.8	23	25.2	27.4	29.6	31.8	34	36.2		
Max. Speed (mm/s)											10	750
											5	
											3	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10	120Kg	100mm	800mm
	80Kg	300mm	800mm
5	40Kg	150mm	500mm
	20Kg	300mm	1000mm
3	20Kg	100mm	500mm
	10Kg	300mm	1000mm

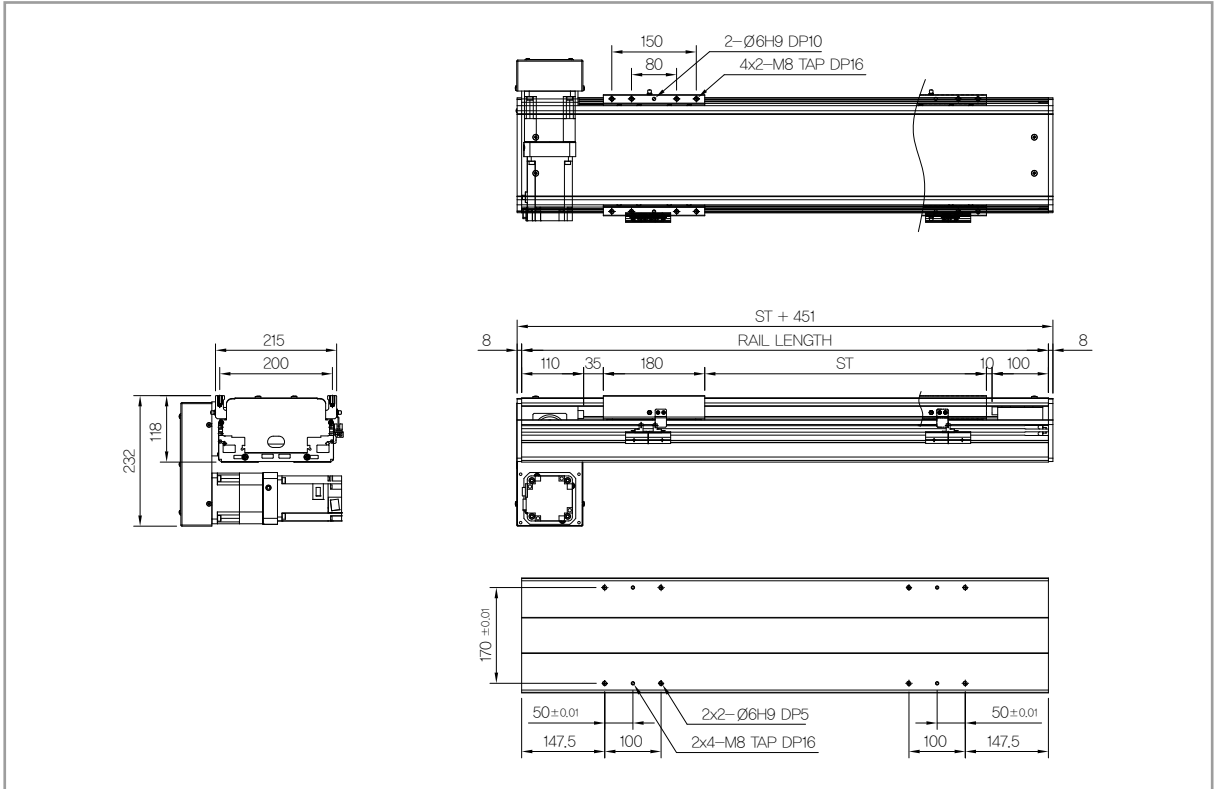
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 210-UL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 210-UL	100~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB 210-UL 외관치수도

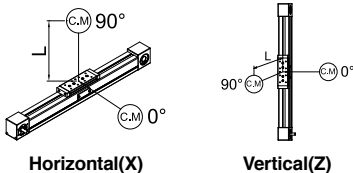


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- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	16.4	18.6	20.8	23	25.2	27.4	29.6	31.8	34	36.2		
Max. Speed (mm/s)											10	750
											5	
											3	

Allowable overhang distance



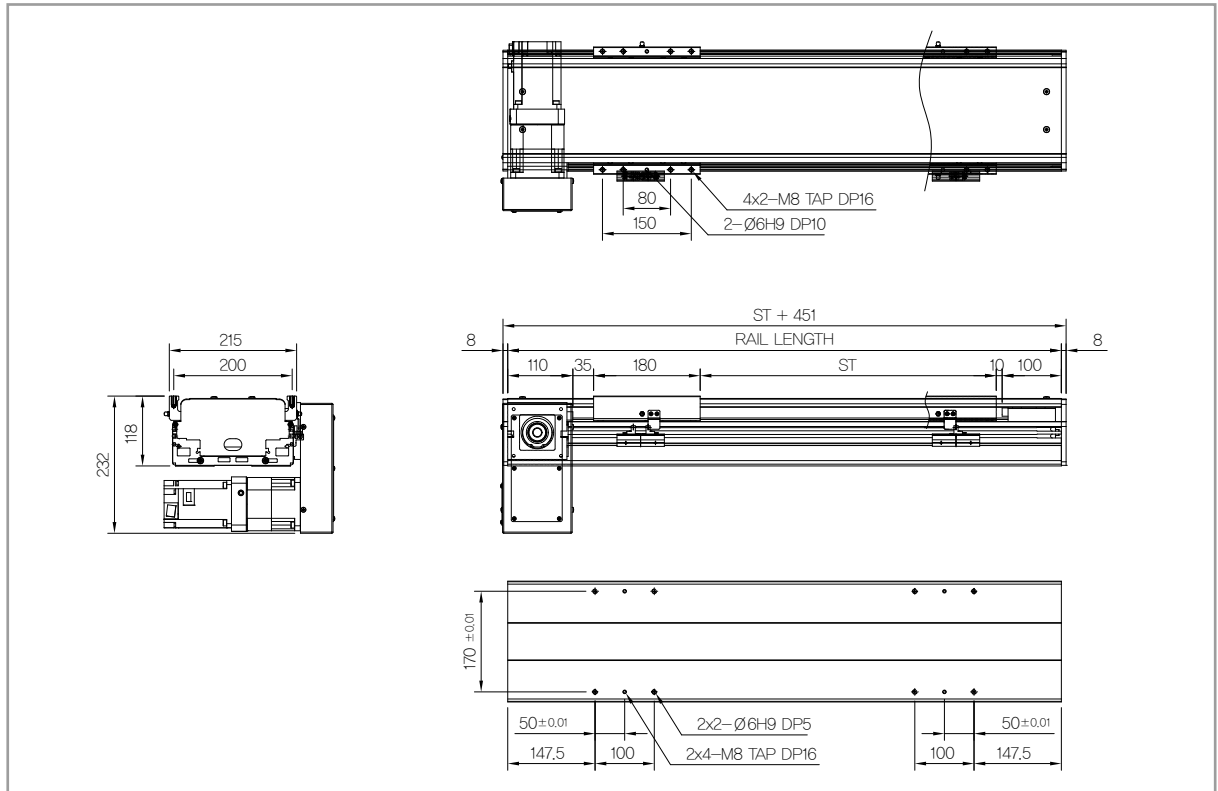
Gear Ratio	Payload	0°	90°
10	120Kg	100mm	800mm
	80Kg	300mm	800mm
5	40Kg	150mm	500mm
	20Kg	300mm	1000mm
3	20Kg	100mm	500mm
	10Kg	300mm	1000mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 210-UR	100~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB 210-UR 외관치수도

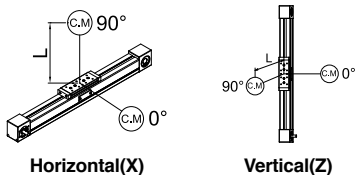


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- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	16.4	18.6	20.8	23	25.2	27.4	29.6	31.8	34	36.2	10	750
Max. Speed (mm/s)											700	
											1400	
											2333	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10	120Kg	100mm	800mm
	80Kg	300mm	800mm
5	40Kg	150mm	500mm
	20Kg	300mm	1000mm
3	20Kg	100mm	500mm
	10Kg	300mm	1000mm

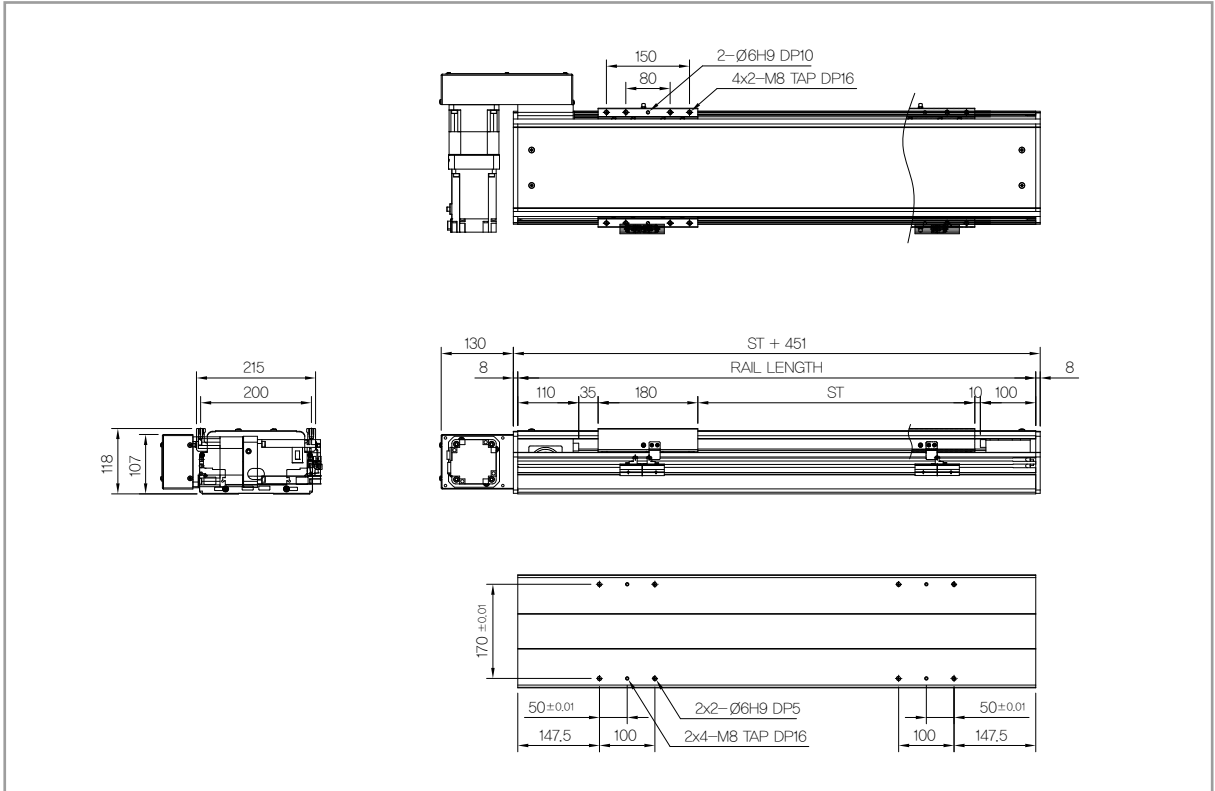
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB 210-BL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 210-BL	100~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB 210-BL 외관치수도

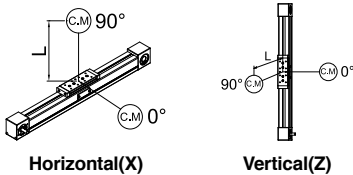


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- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	16.4	18.6	20.8	23	25.2	27.4	29.6	31.8	34	36.2		
Max. Speed (mm/s)	700										5	
	1400										3	
	2333										3	

Allowable overhang distance



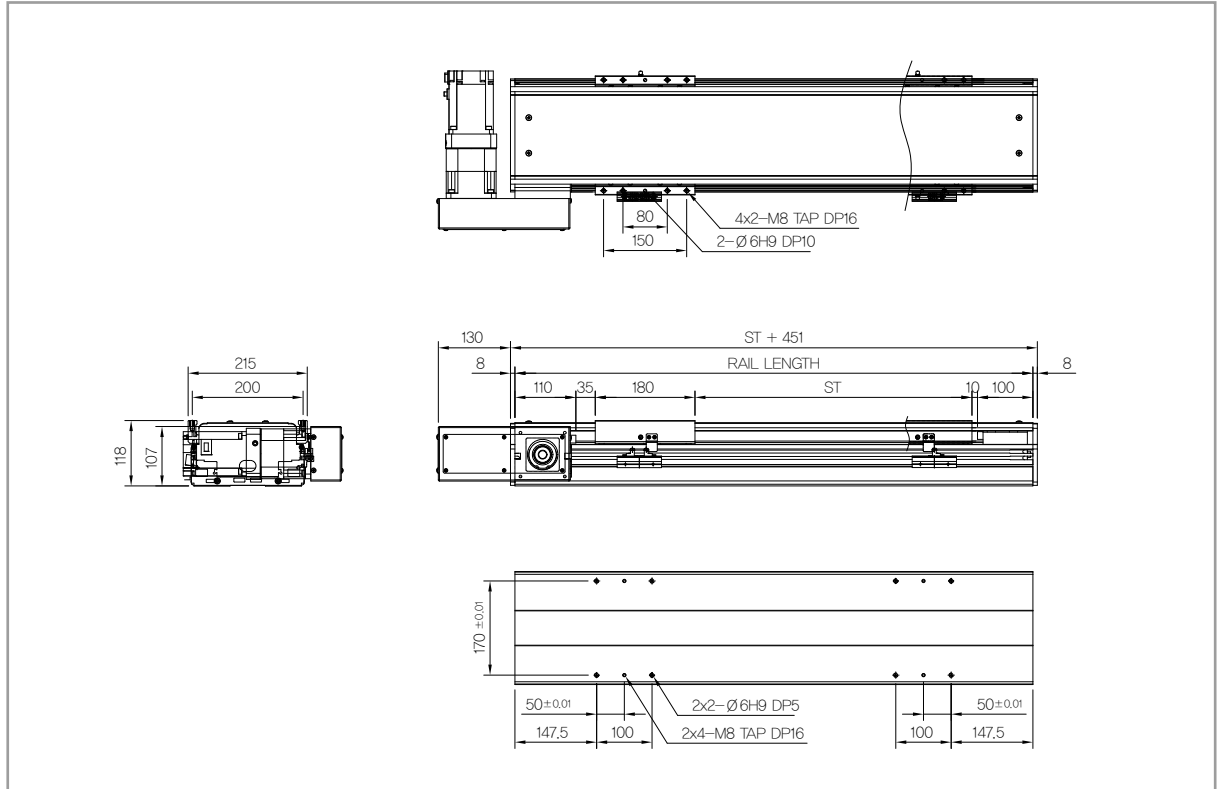
Gear Ratio	Payload	0°	90°
10	120Kg	100mm	800mm
	80Kg	300mm	800mm
5	40Kg	150mm	500mm
	20Kg	300mm	1000mm
3	20Kg	100mm	500mm
	10Kg	300mm	1000mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB 210-BR	100~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB 210-BR 외관치수도

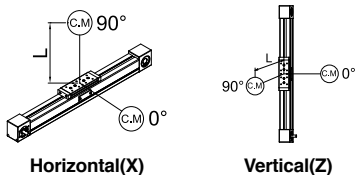


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- 하부 취부 TAP, PIN Pitch값은 행정 길이에 따라 위치 및 수량이 상이함(고객 요청에 따라 변경 가능)

Weight & speed for each stroke

Stroke(mm)	100	200	300	400	500	600	700	800	900	1000	Gear ratio	Motor (W)
Weight(kg)	16.4	18.6	20.8	23	25.2	27.4	29.6	31.8	34	36.2		
Max. Speed (mm/s)											10	750
											5	
											3	

Allowable overhang distance



Gear Ratio	Payload	0°	90°
10	120Kg	100mm	800mm
	80Kg	300mm	800mm
5	40Kg	150mm	500mm
	20Kg	300mm	1000mm
3	20Kg	100mm	500mm
	10Kg	300mm	1000mm

This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

