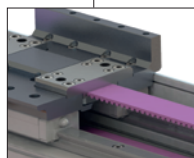
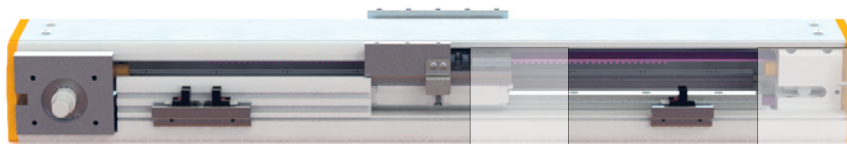
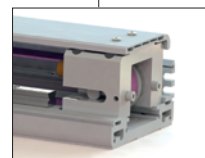


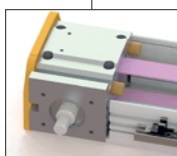
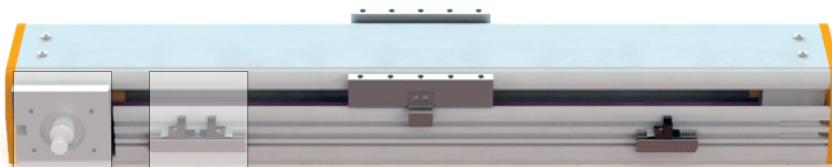
TRB series



Reduced noise with round shape-timing belt.



Easy tension adjustment with openable side cover.



Built-in pulley box inside.



Easy adjustment of stroke and sensing with sensor rail.



Features

- LM Guide & Belt Type Unit
- Compact design and high rigidity
- Various axis combinations
- Round shape—timing belt for noise reduction
- Various customised options
- Easy maintenance

How to Order

TRB 120 — 600 — SL L — C — E2 —

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series

② Model
80 / 100 / 120 / 150 / 180 / 210
※ LM : Please contact us for customised LM guide.

③ Stroke (unit : mm)
80~100 : 50~1000
120~210 : 50~2000
※ Please contact us for strokes longer than standard.

④ Motor Mounting Position

Type	Symbol			
In-line Mounting	SL		SR	
	TL		TR	
Parallel Mounting	UL		UR	
	BL		BR	

※ The lead time for parallel type may be longer than in-line type.

⑤ Color

Blank : White (outer)
L : White + LM raydent
B : Black (outer)
BL : Black (outer) + LM raydent
※ Please contact us for lead time for color black (outer)

⑥ Sensor (Dog included)

Blank : none
C : Photo sensor + basic socket – basic 3pcs
CJ : C + cable type socket 2M – basic 3pcs
Additional sensor : C(J)(number)
Ex.) C2, CJ2

⑦ Bracket of reducer (including coupling)
Blank : None

Symbol	Type	Size	Applicable Model					
			80	100	120	150	180	210
E2		62mm	●	●	●	●	●	●
E3		90mm					●	●

※ Basic option: ATG, APEX, Sesame
※ Please contact us for customized reducer bracket

⑧ Customized code

Code assigned for special orders

Sensor

Model	Item Number	Notes
80	SX674-PL	+ EE-SX674+EE1001
100		
120		
150		
180		
210		
80	SX674-L-PL	+ EE-SX674+EE1006
100		
120		
150		
180		
210		
All Models	MS-2003-TPC-NO-PL (HOME)	
	MS-2003-TPC-NO-PL (LIMIT)	

Sensor Dog

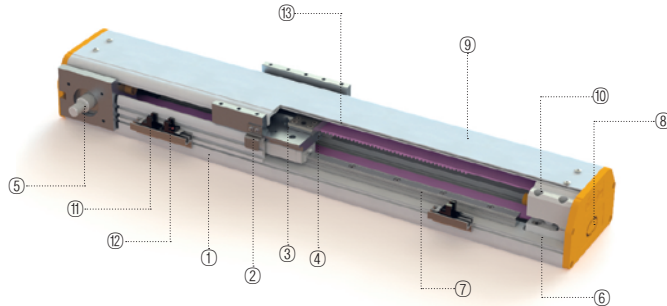
Model	Item Number	Notes
80	PDG-L80-PL	EE-SX674 only
100	PDG-L100-PL	
120	PDG-L120-PL	
150	PDG-L150-PL	
180	PDG-L180-PL	
210	PDG-L210-PL	

TRB Specifications

Specifications	TRB80	TRB100	TRB120	TRB150	TRB180	TRB210
Max speed (mm/s)	2000	2000	2000	2000	2000	2000
Payload (kgf)	20 (Horizontal)	25 (Horizontal)	60 (Horizontal)	80 (Horizontal)	100 (Horizontal)	130 (Horizontal)
Stroke (mm)	Max. 1000	Max. 1000	Max. 2000	Max. 2000	Max. 2000	Max. 2000
Repeatability (mm)	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
Diameter of pulley (mm)	Ø23.87	Ø23.87	Ø38.2	Ø38.2	Ø41.38	Ø44.56
Pulley action perimeter (mm/rev)	75	75	120	120	130	140
No load torque (Nm)	0.8	0.8	1	1	1.2	1.8
Belt option	Rounded timing belt	Rounded timing belt	Rounded timing belt	Rounded timing belt	Rounded timing belt	Rounded timing belt
	5GT/W15	5GT/W25	5GT/W25	5GT/W30	5GT/W40	5GT/W50
LM Guide	NO.20 1R 2B	NO.15W 1R 2B	NO.15	NO.20	NO.20	NO.25
	(Short Block)	(Miniature)	2R 4B	2R 4B	2R 4B	2R 4B
Basic weight (kgf)	2.8	3	4.5	5.5	8.5	14.2
Weight per 100mm stroke (kgf)	0.6	0.7	1	1.3	1.6	2.2
Motor (W)	200~400	200~400	200~400	400	400~750	750
Size (mm, W x H)	85 x 82	100 x 68	122 x 82	144 x 84	176 x 94	204 x 114

Note) Customized options such as motor, raydent and LM guide are available.

TRB Structure



▶ Component List

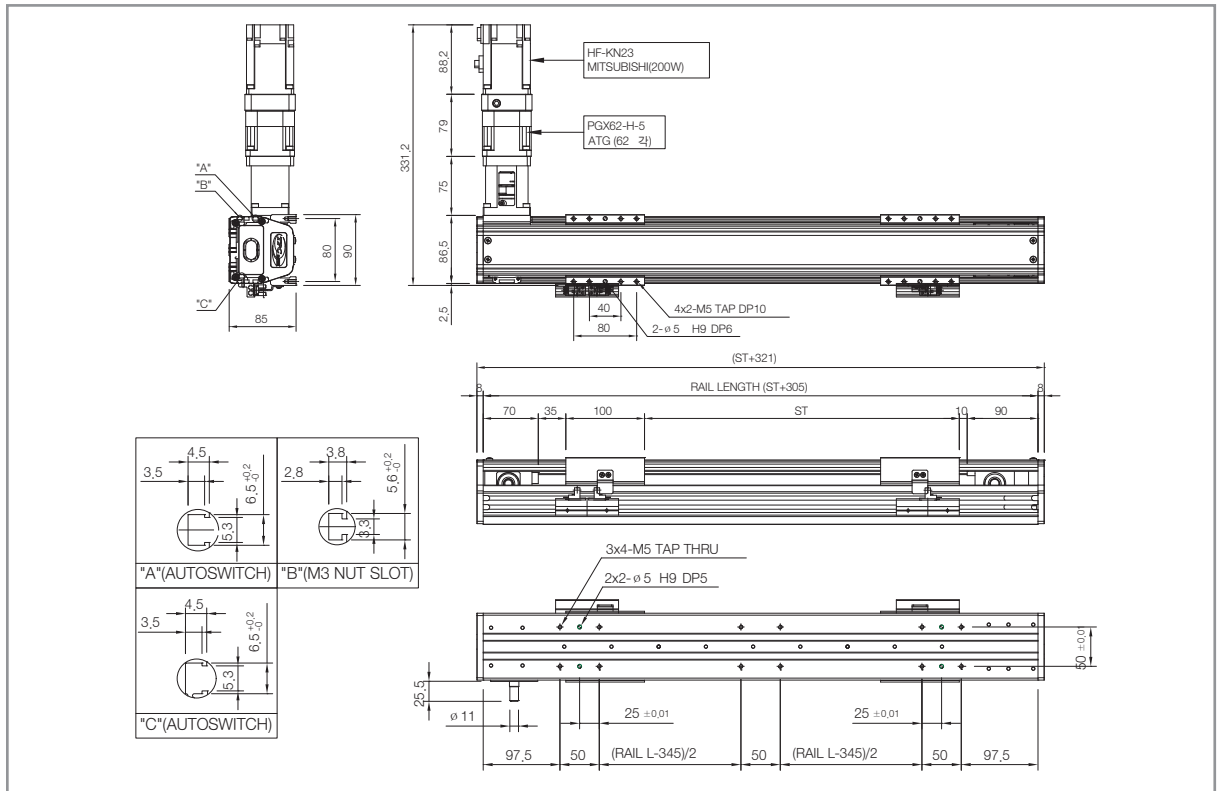
No	Item	Material	No	Item	Material	
1	RAIL	Aluminum alloy	8	END COVER	ABS	
2	BLOCK	Aluminum alloy	9	TOP COVER	Aluminum alloy	
3	BELT CLIP UPPER	Aluminum alloy	10	STOPPER	URETHANE	
4	BELT CLIP BOTTOM	SS400	11	SENSOR DOG	SUS304	
5	DRIVE PULLEY BOX		12	SENSOR		
6	ASS' Y IDLE PULLEY		13	Model	Belt	
7	Model	BOX ASS'Y LM GUIDE		80	5GT-W15	RUBBER
	80	No.20 / 1RAIL 2BLOCK		100	5GT-W25	
	100	No.15W / 1RAIL 2BLOCK		120	5GT-W25	
	120	No.15 / 2RAIL 4BLOCK		150	5GT-W30	
	150	No.20 / 2RAIL 4BLOCK		180	5GT-W40	
	180	No.20 / 2RAIL 4BLOCK		210	5GT-W50	
	210	No.25 / 2RAIL 4BLOCK				

TRB80-SL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB80-SL	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-SL Dimensions

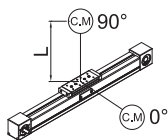


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

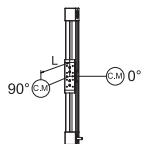
Weight & speed for each stroke

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



Horizontal(X)



Vertical(Z)

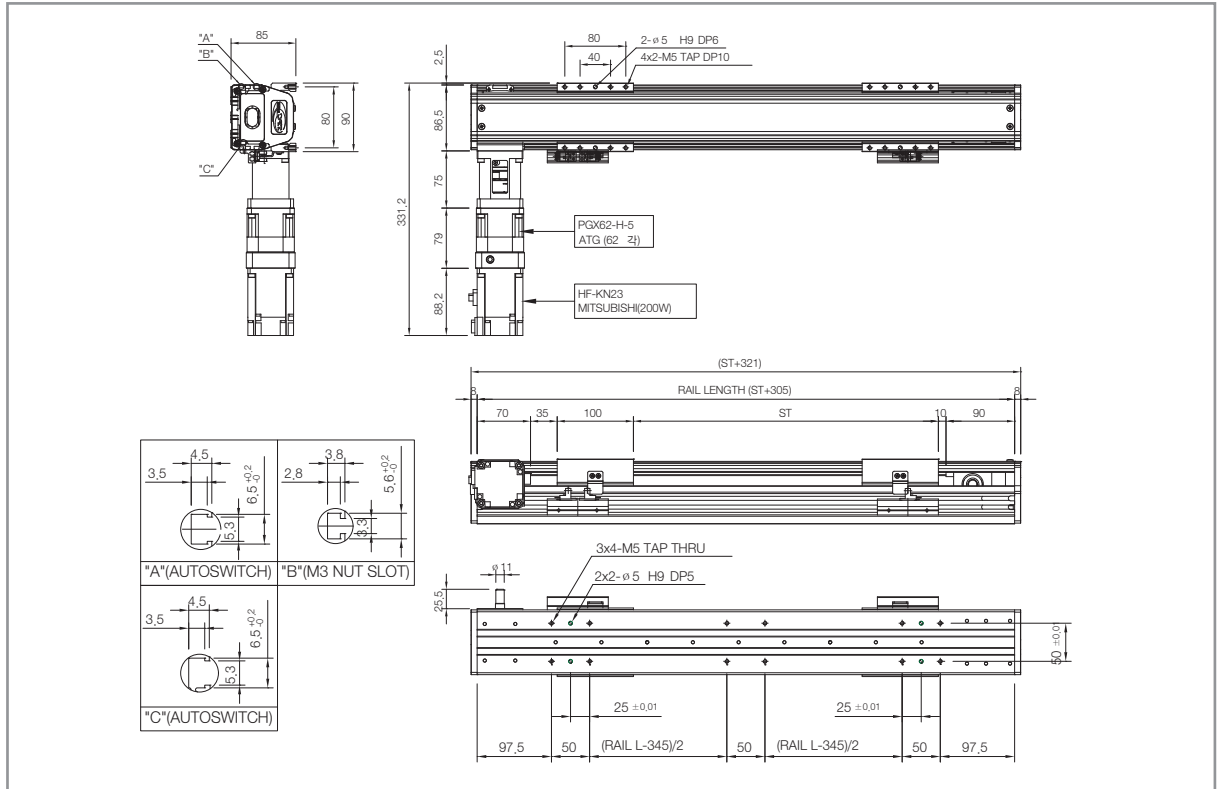
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

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)
TRB80-SR	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-SR Dimensions

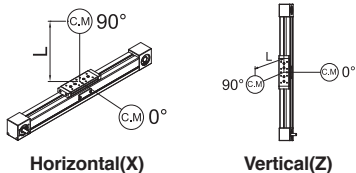


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



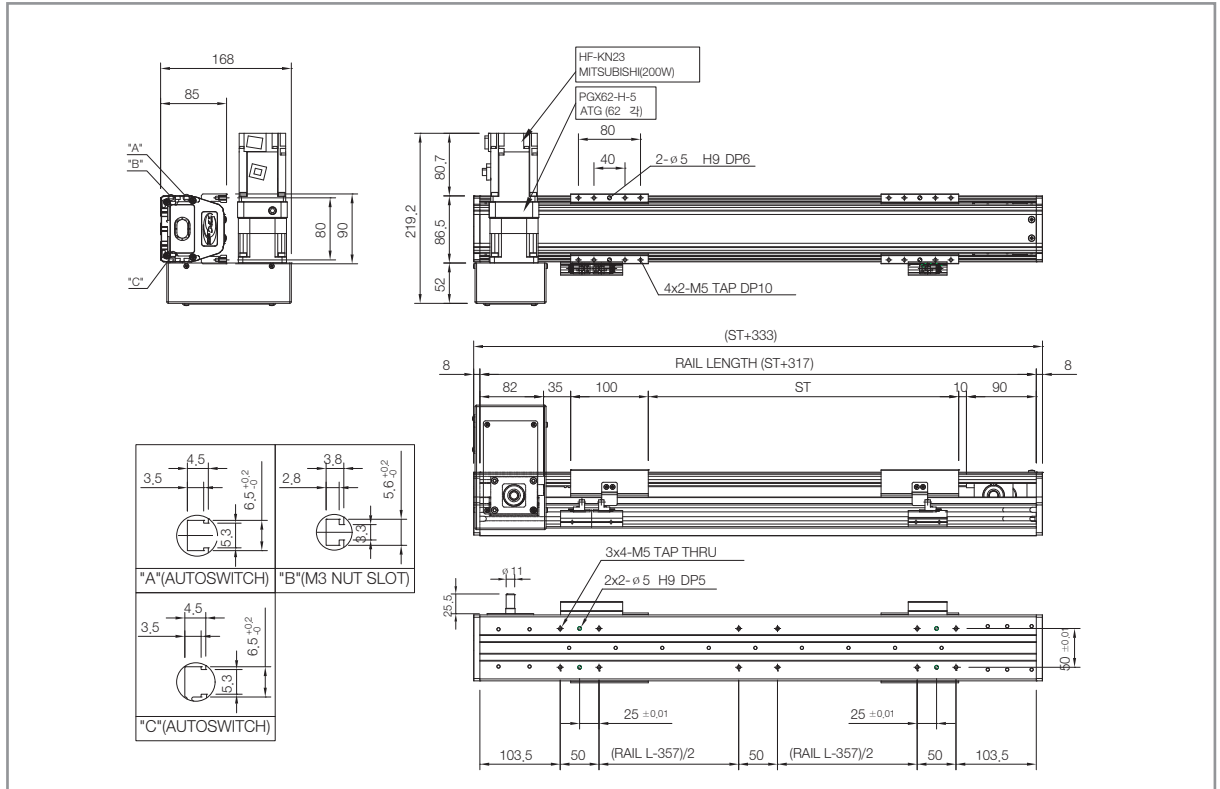
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

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)
TRB80-TR	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-TR Dimensions

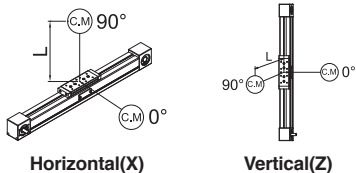


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



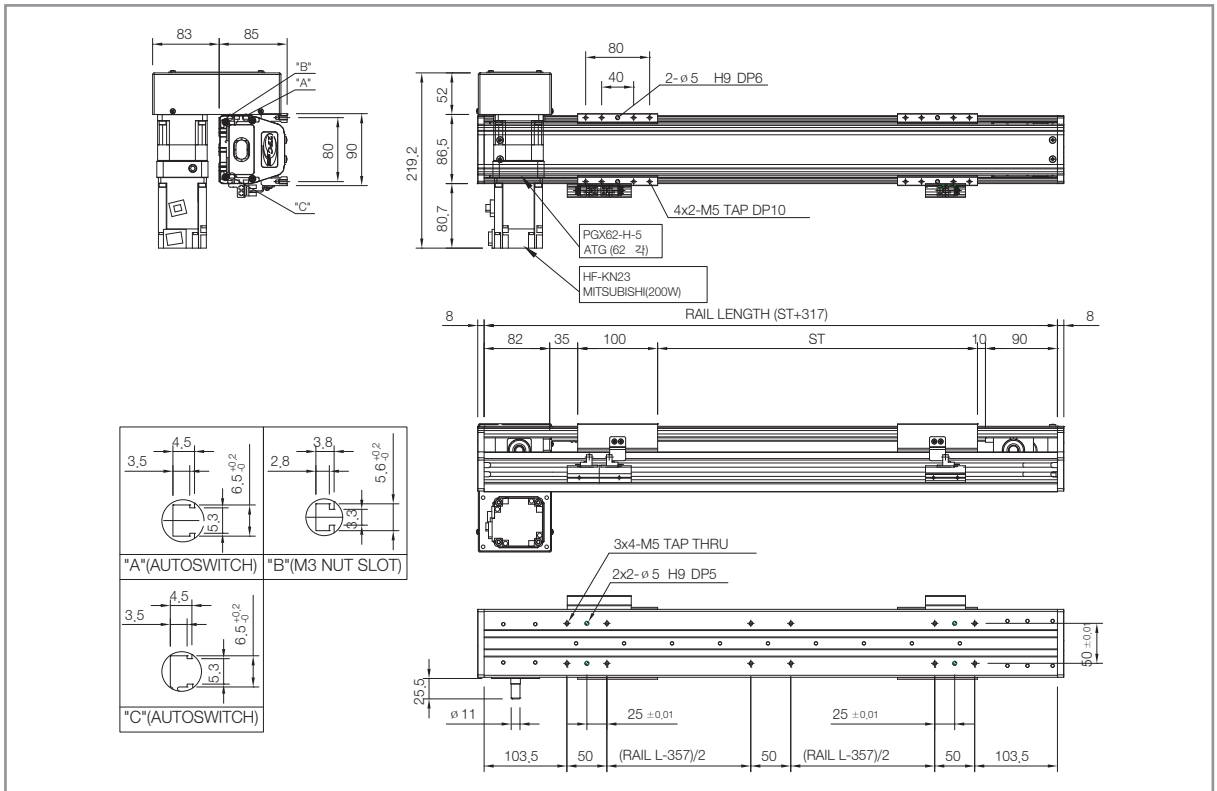
Gear Ratio	Payload	Angle	
		0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

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)
TRB80-UL	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-UL Dimensions

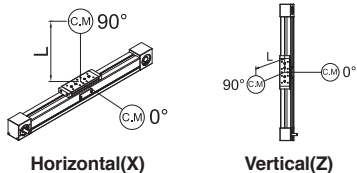


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



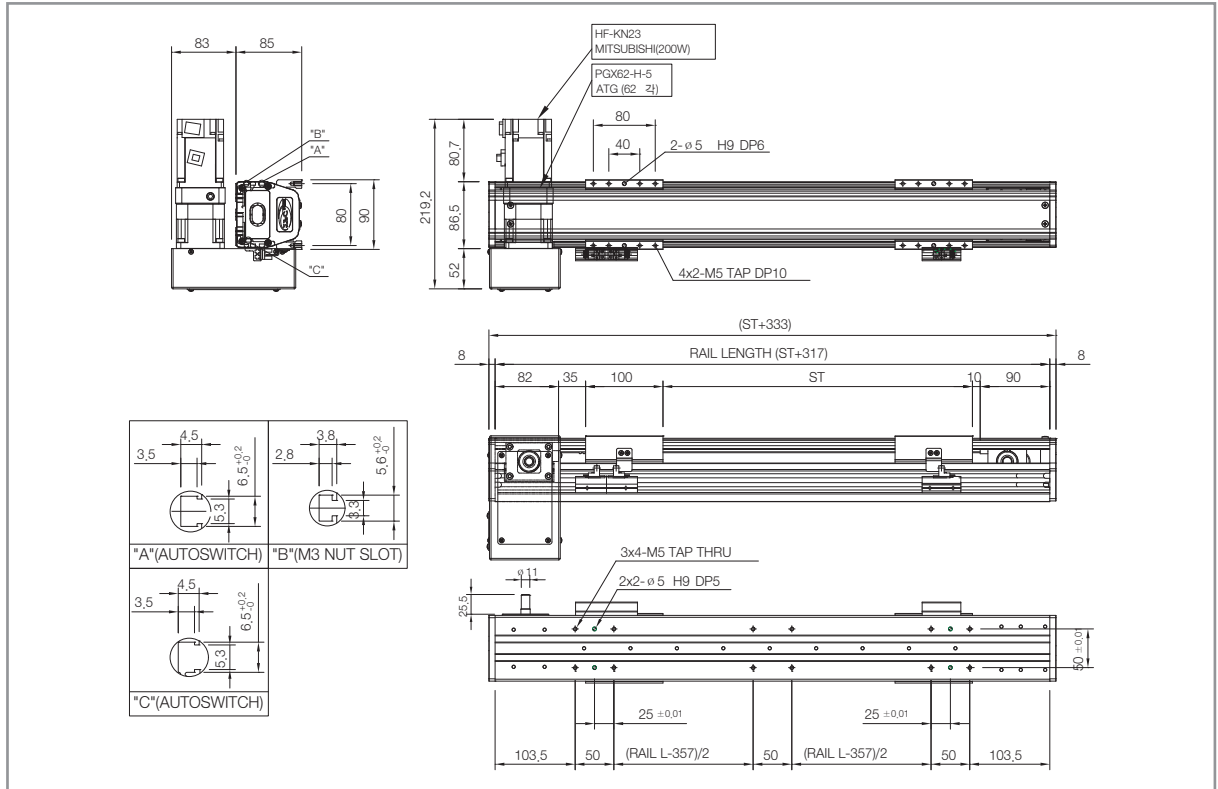
Gear Ratio	Payload	0°		90°	
		L	L'	L	L'
5 (200W)	15Kg	20mm	130mm	80mm	330mm
	10Kg	80mm	330mm	100mm	100mm
3 (400W)	24Kg	35mm	100mm	85mm	250mm
	12Kg	85mm	250mm		

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)
TRB80-UR	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-UR Dimensions

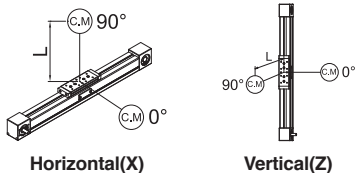


- Please contact us to change sensor or motor options.
- Customized tap or pin on the bottom is available.

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

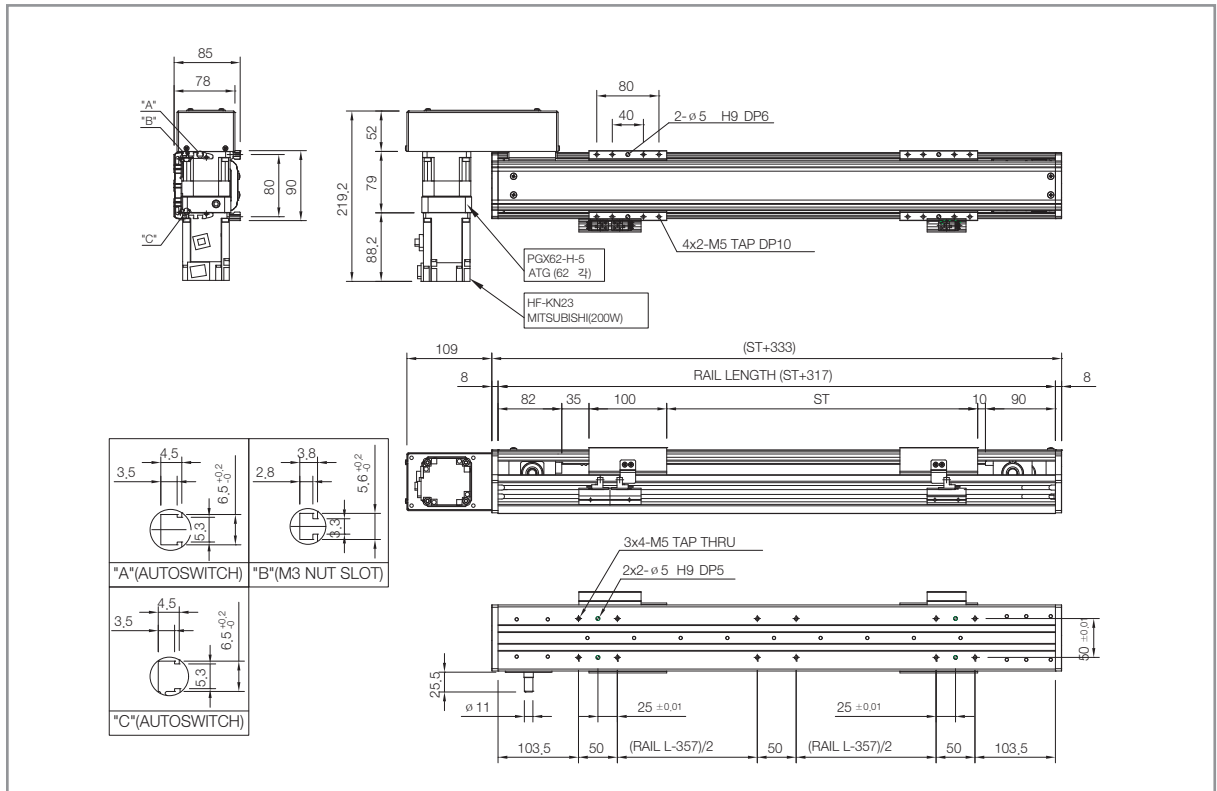
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB80-BL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB80-BL	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-BL Dimensions

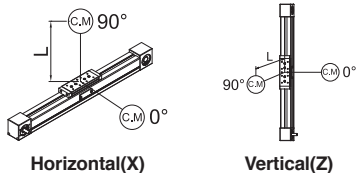


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



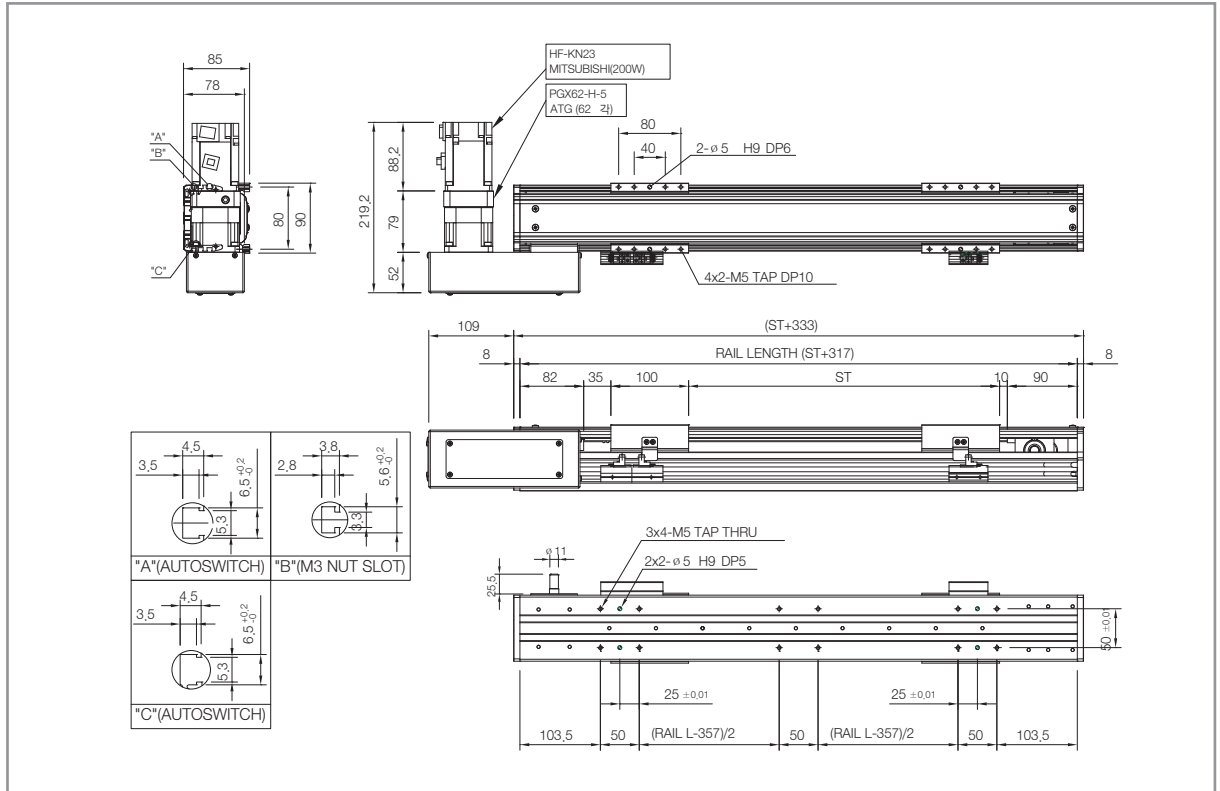
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

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)
TRB80-BR	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB80-BR Dimensions

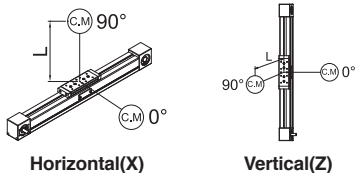


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

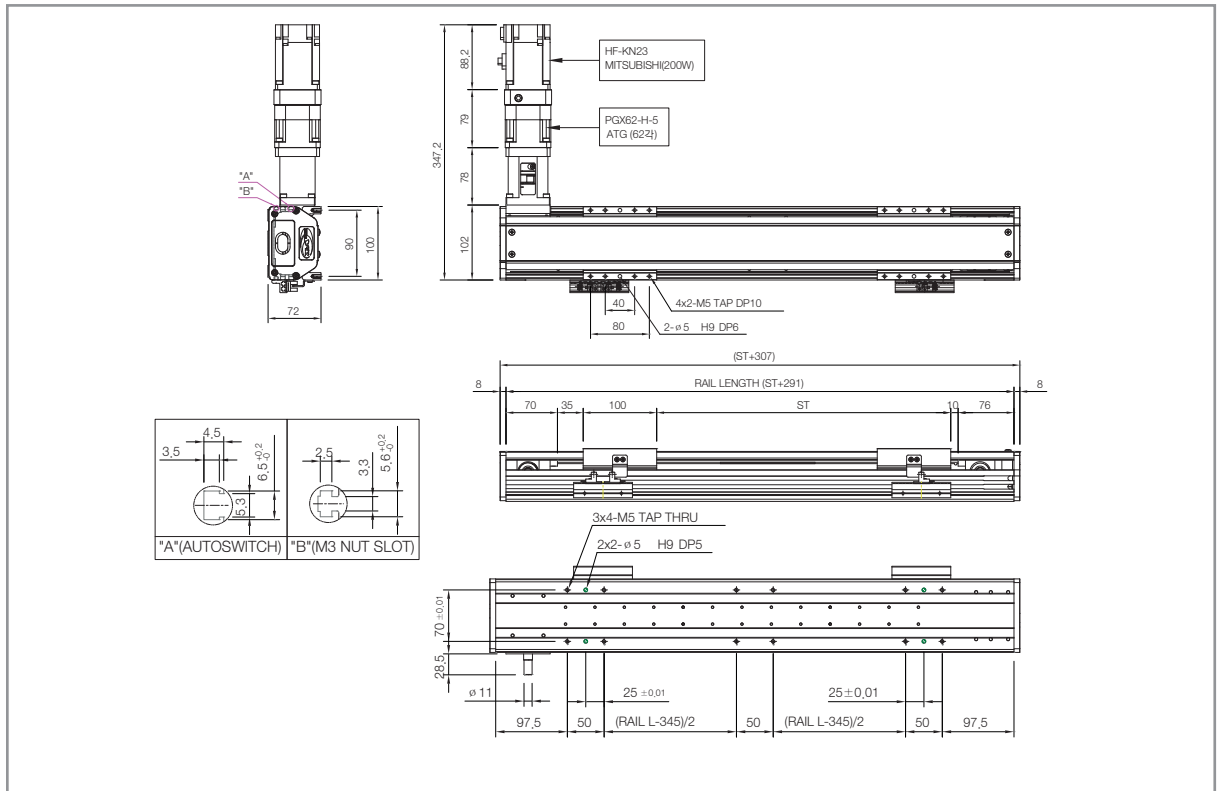
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB100-SL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB100-SL	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB100-SL Dimensions

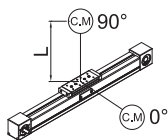


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

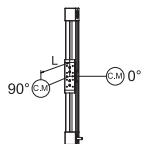
Weight & speed for each stroke

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



Horizontal(X)



Vertical(Z)

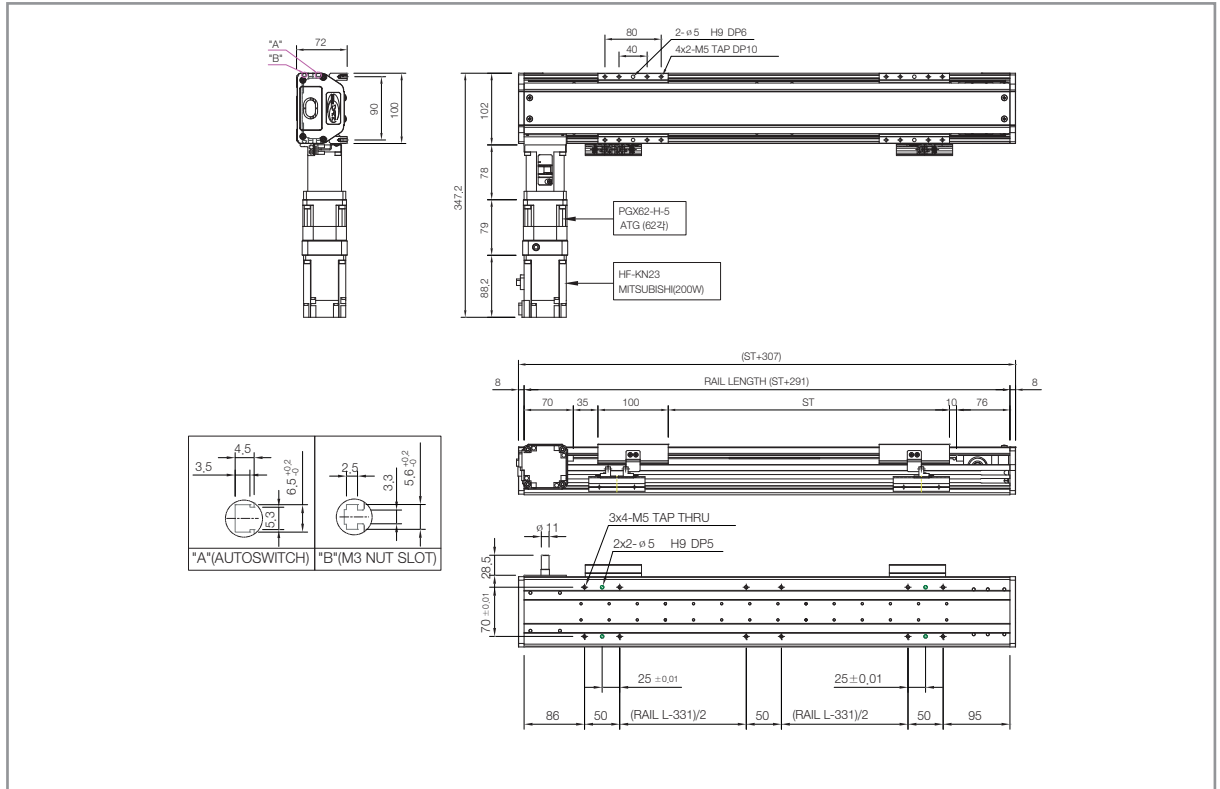
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

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)
TRB100-SR	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB100-SR Dimensions

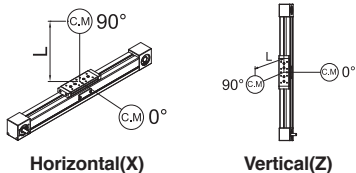


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

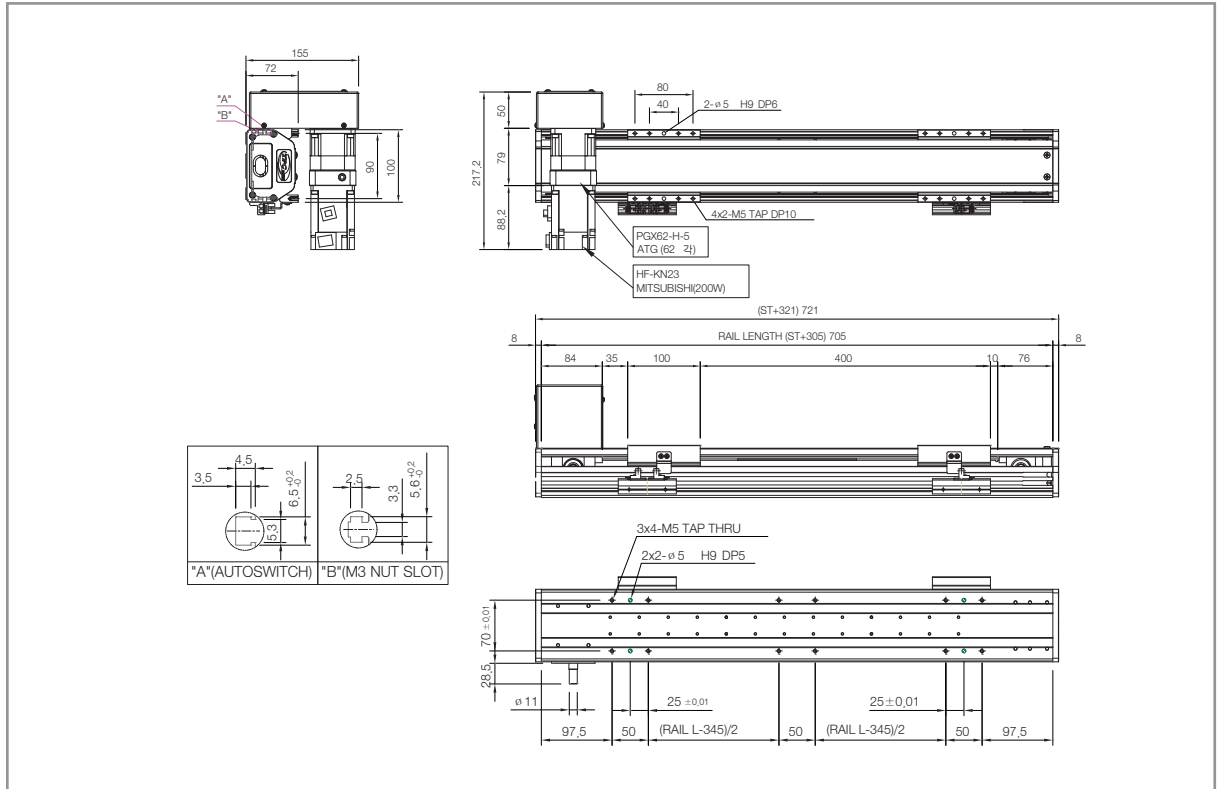
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB100-TL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB100-TL	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB100-TL Dimensions

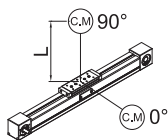


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

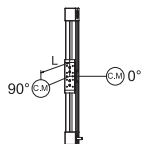
Weight & speed for each stroke

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



Horizontal(X)



Vertical(Z)

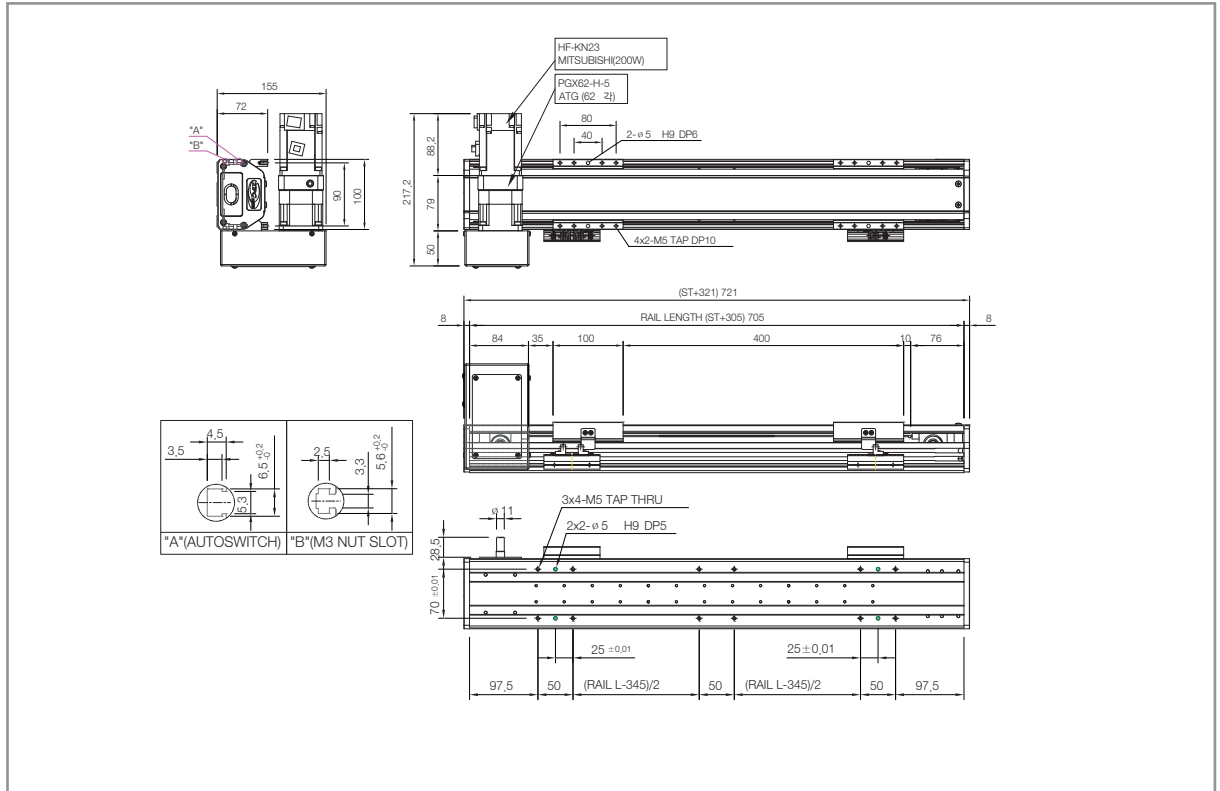
Gear Ratio	Payload	0°	90°
		5 (200W)	15Kg
3 (400W)	10Kg	80mm	330mm
	24Kg	35mm	100mm
	12Kg	85mm	250mm

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)
TRB100-TR	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB100-TR Dimensions

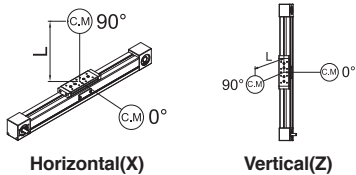


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

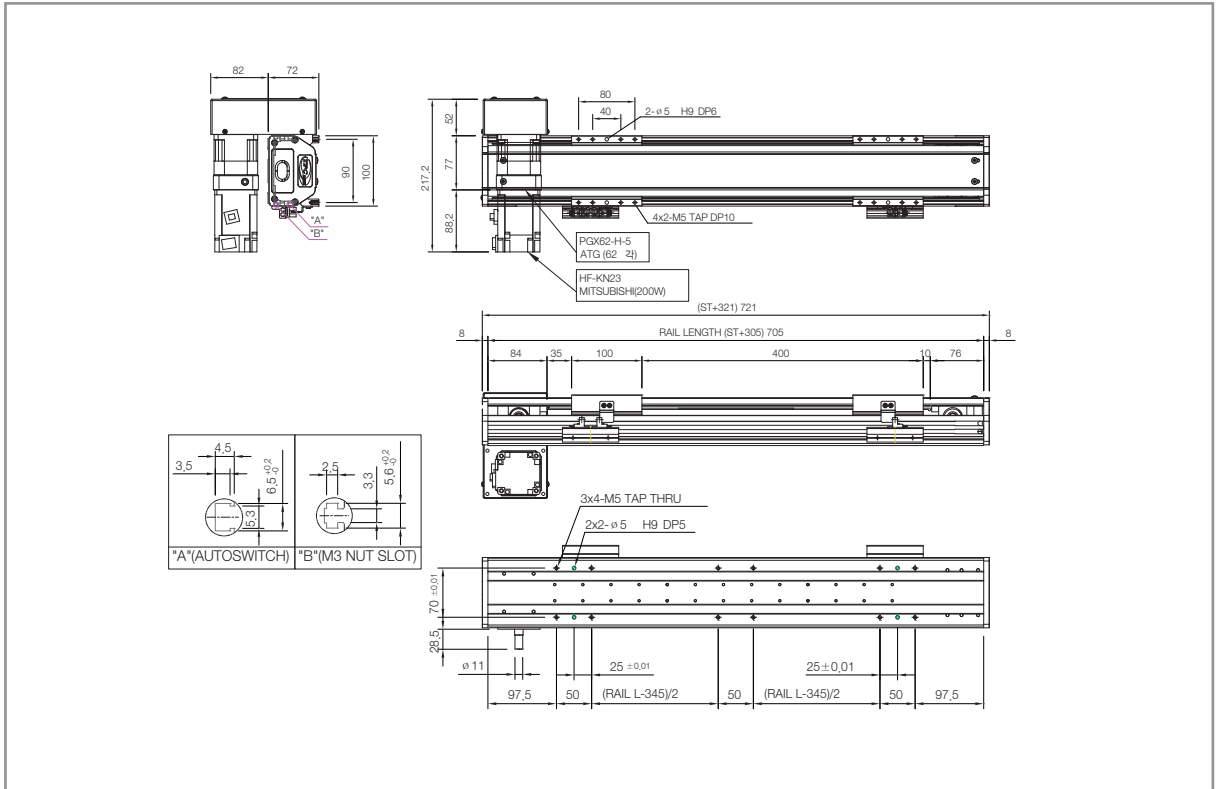
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB100-UL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB100-UL	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB100-UL Dimensions

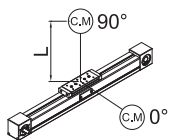


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

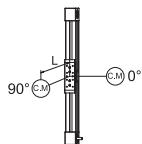
Weight & speed for each stroke

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



Horizontal(X)



Vertical(Z)

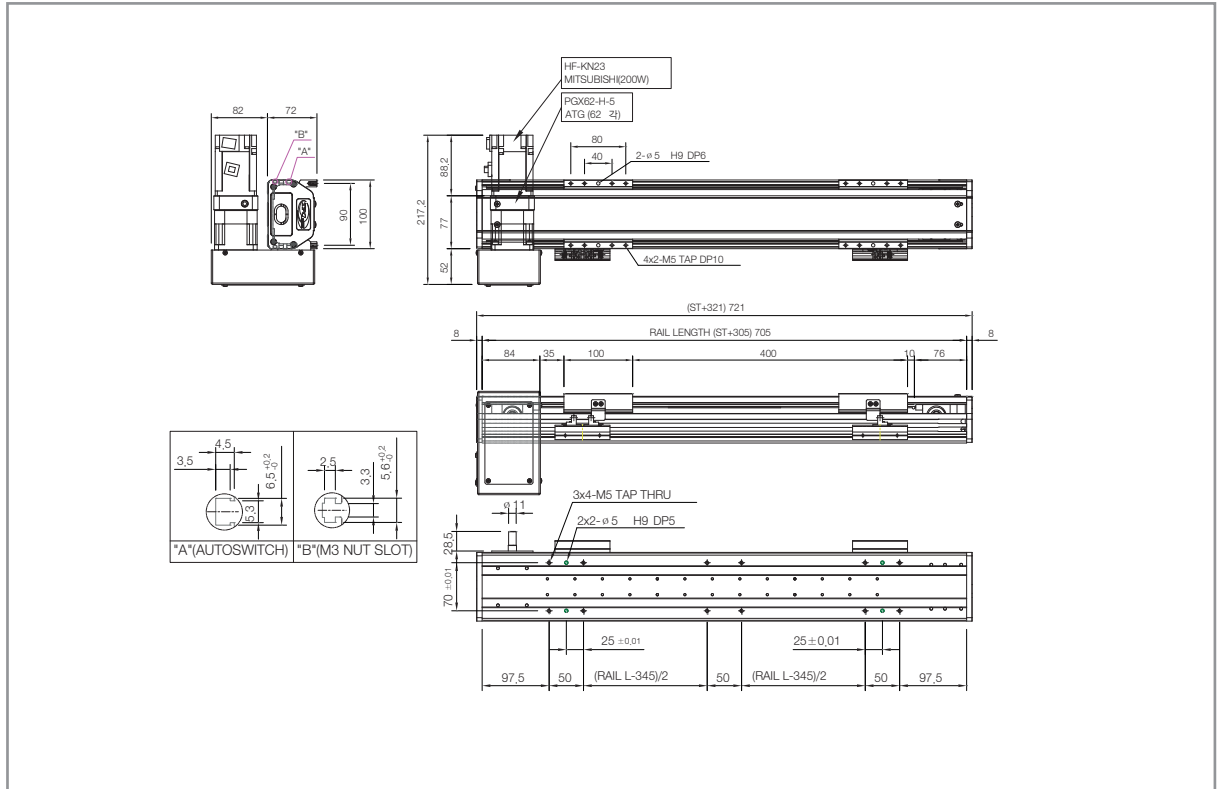
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

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)
TRB100-UR	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB100-UR Dimensions

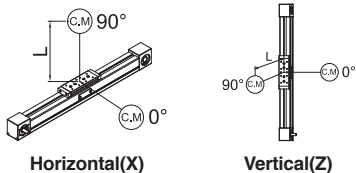


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

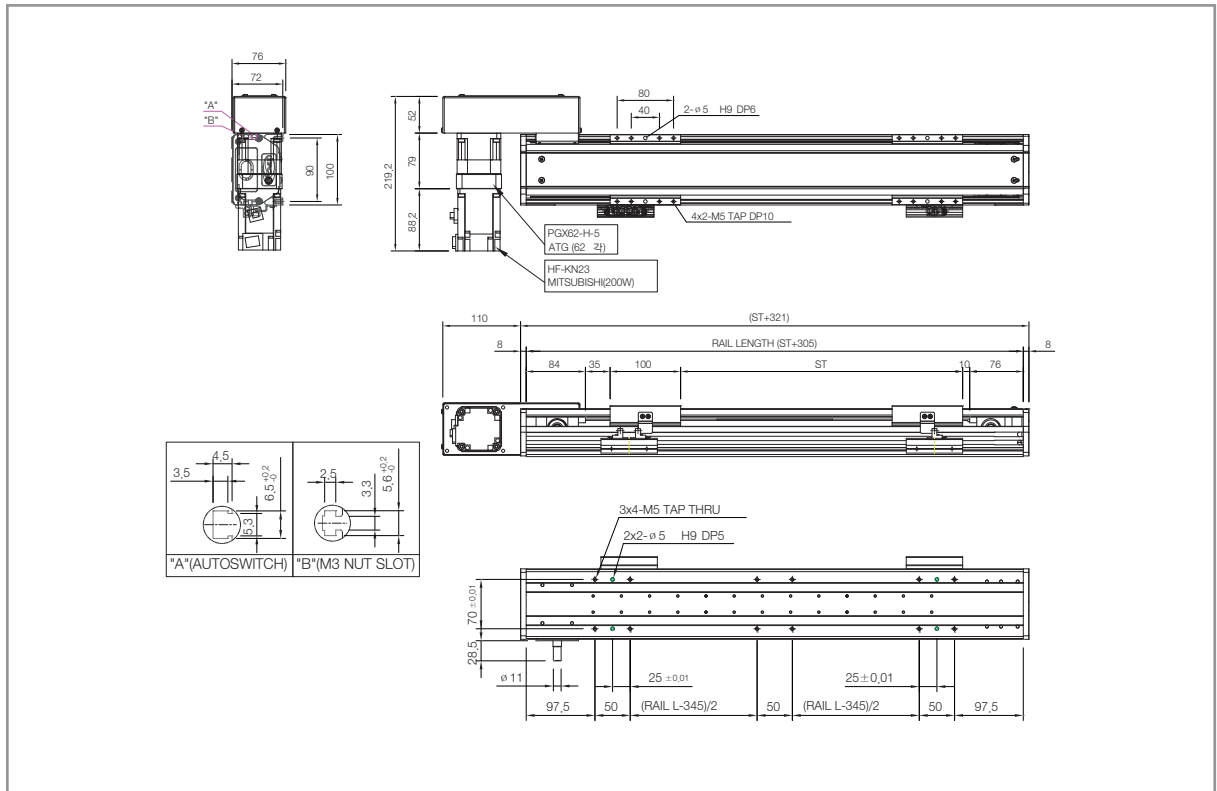
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB100-BL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB100-BL	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB100-BL Dimensions

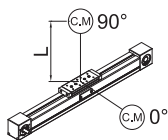


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

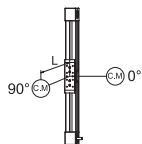
Weight & speed for each stroke

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



Horizontal(X)



Vertical(Z)

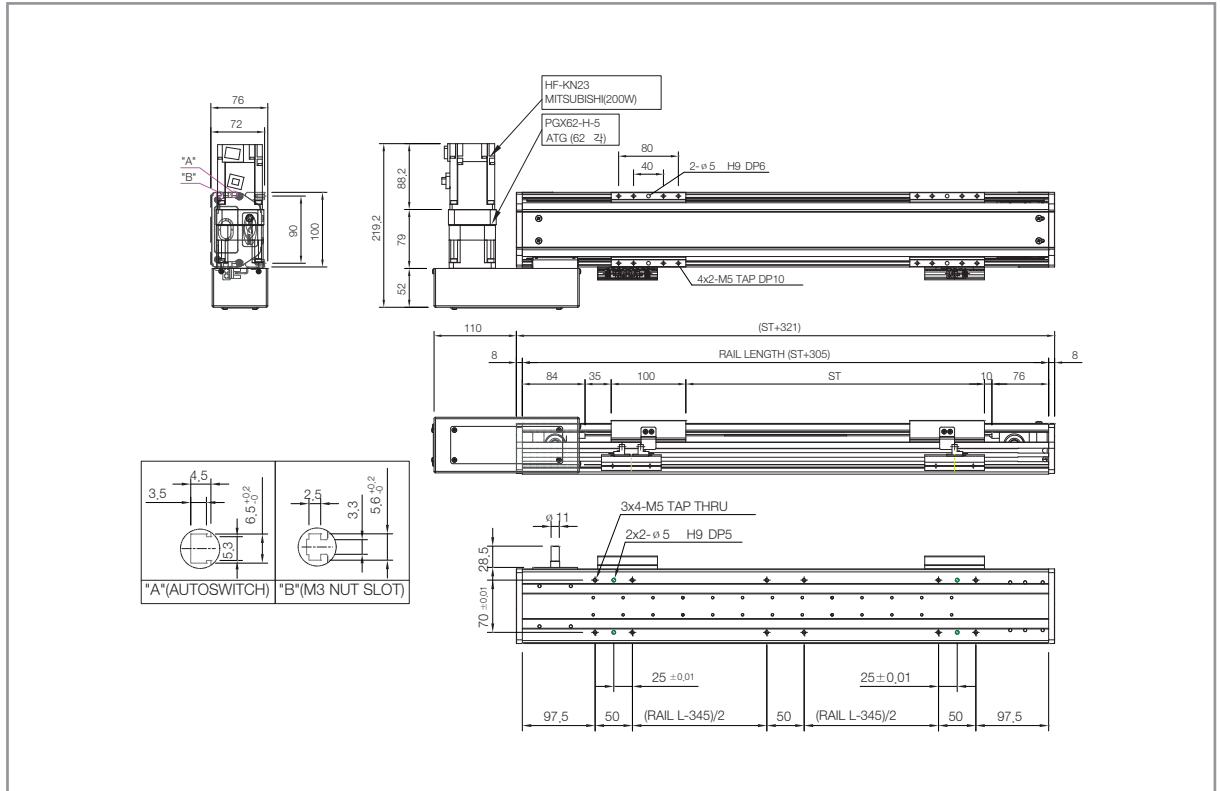
Gear Ratio	Payload	0°	90°
5 (200W)	15Kg	20mm	130mm
	10Kg	80mm	330mm
3 (400W)	24Kg	35mm	100mm
	12Kg	85mm	250mm

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)
TRB100-BR	50~1000	5	750	200	25	20
		3	1250	400	20	15

TRB100-BR Dimensions

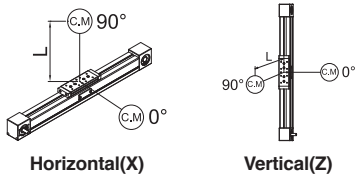


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

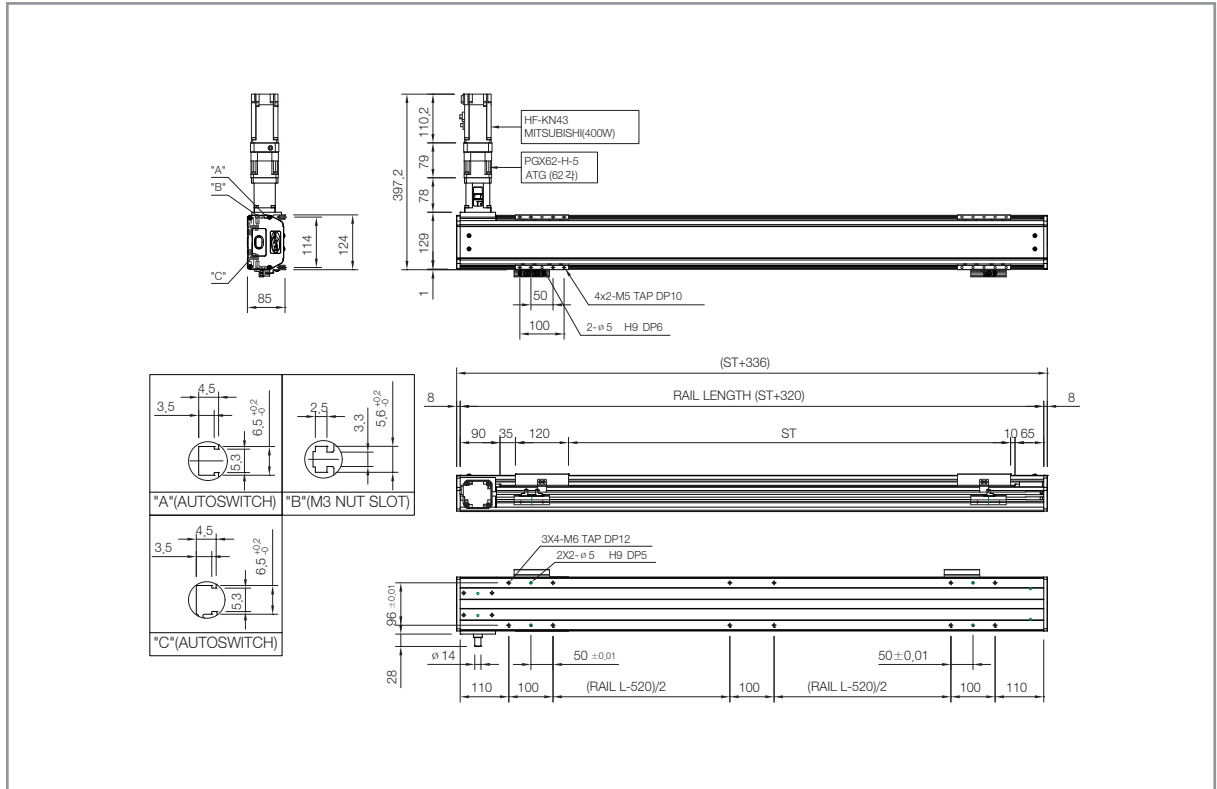
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB120-SL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB120-SL	50~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB120-SL Dimensions

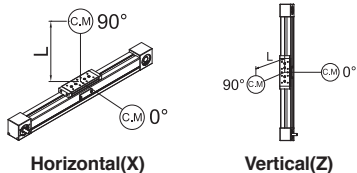


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



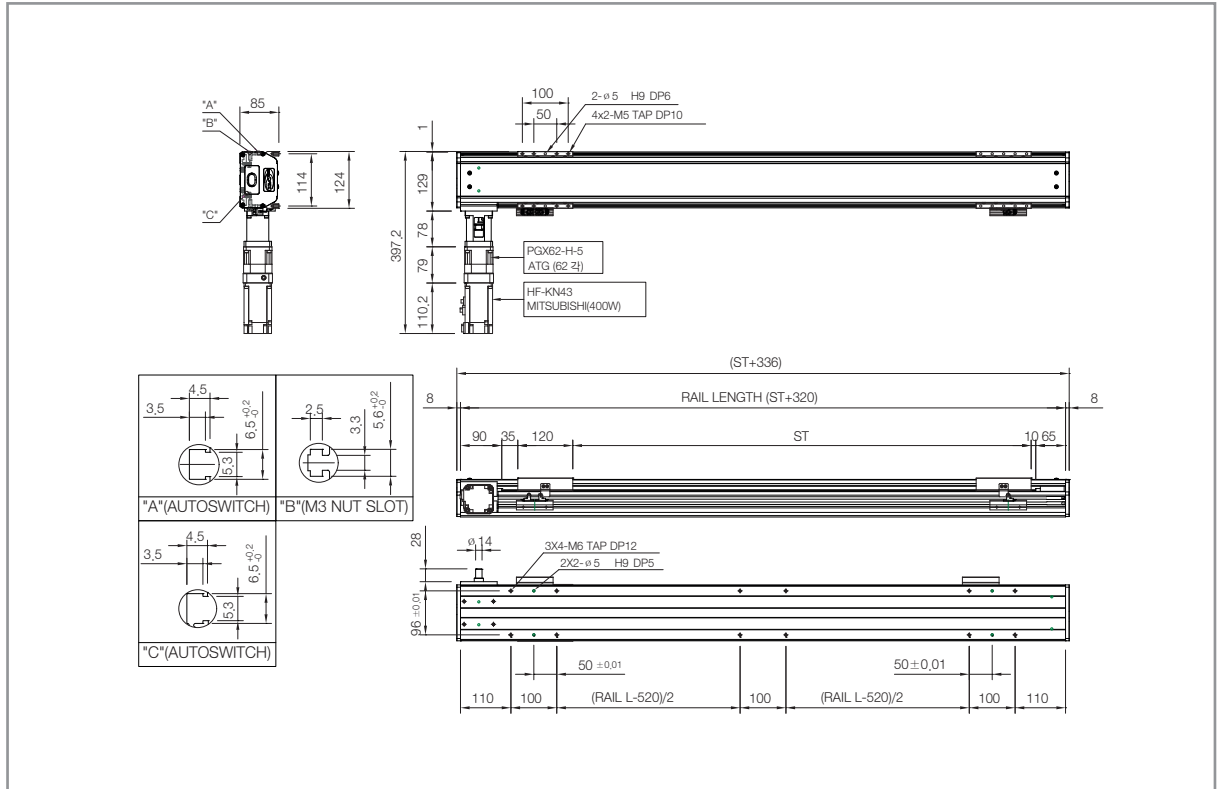
Gear Ratio	Payload	0°		90°	
		0°	90°	0°	90°
10	60Kg	150mm	450mm		
	30Kg	300mm	700mm		
5	20Kg	150mm	500mm		
	10Kg	300mm	1000mm		
5 (400W)	30Kg	150mm	400mm		
	15Kg	300mm	900mm		

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)
TRB120-SR	50~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB120-SR Dimensions

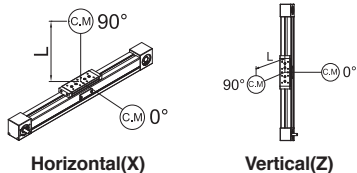


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

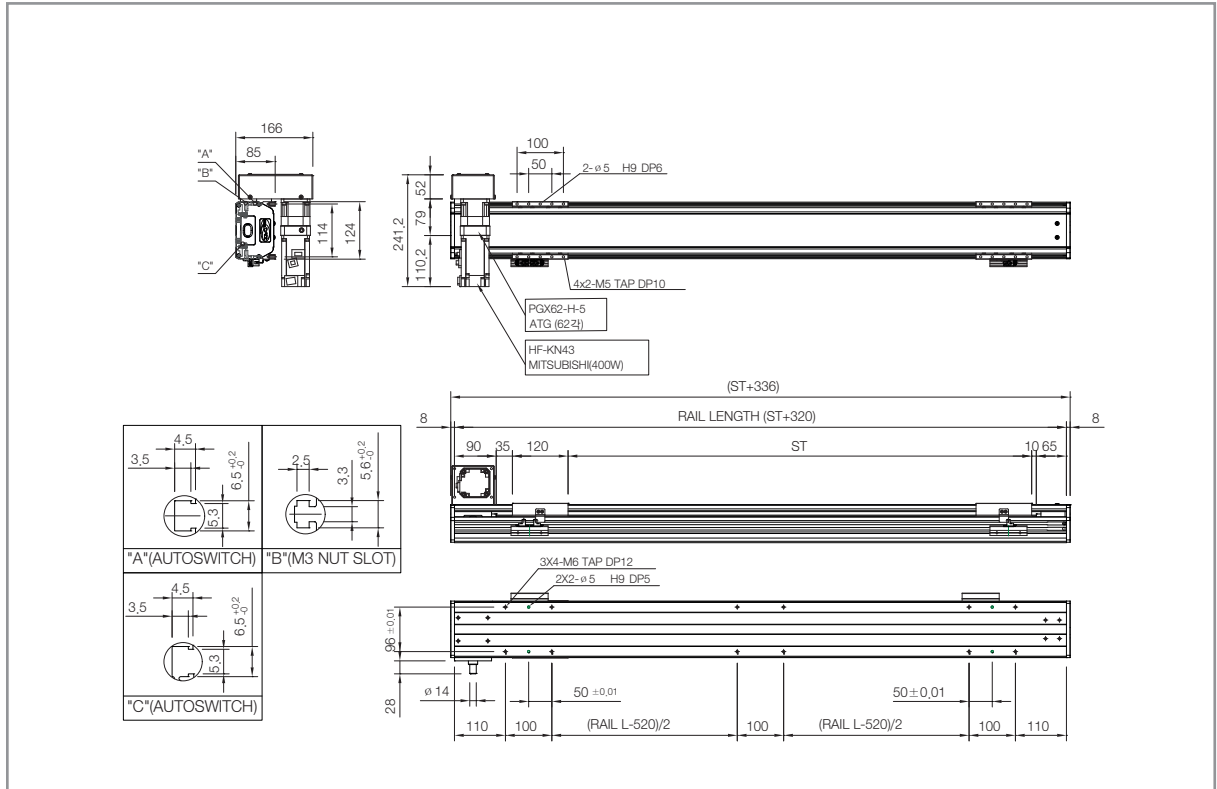
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB120-TL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB120-TL	50~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB120-TL Dimensions

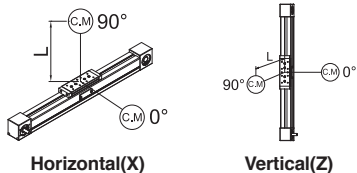


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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	400

Allowable overhang distance



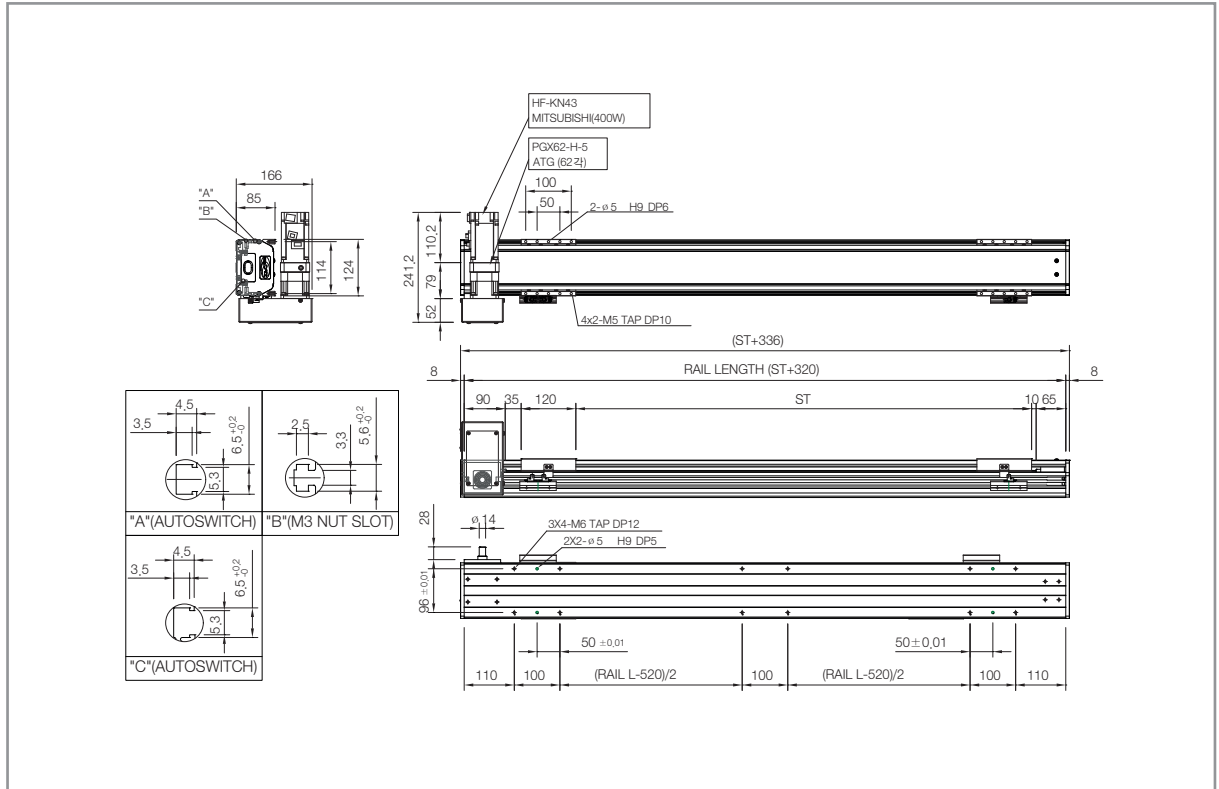
Gear Ratio	Payload	0°		90°	
		0°	90°	0°	90°
10	60Kg	150mm	450mm		
	30Kg	300mm	700mm		
5	20Kg	150mm	500mm		
	10Kg	300mm	1000mm		
5 (400W)	30Kg	150mm	400mm		
	15Kg	300mm	900mm		

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)
TRB120-TR	50~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB120-TR Dimensions

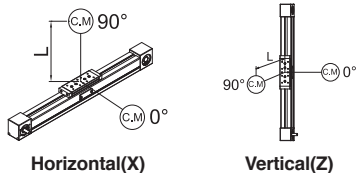


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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	400

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

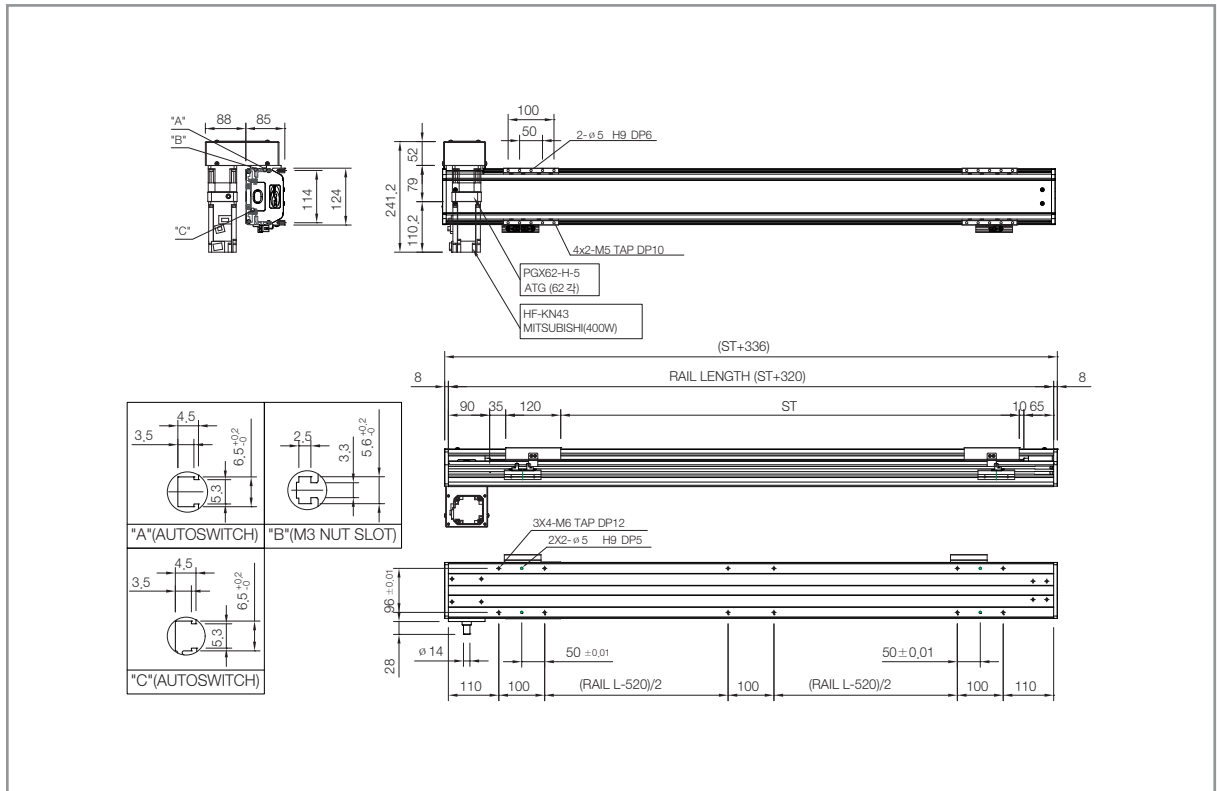
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB120-UL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB120-UL	50~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB120-UL Dimensions

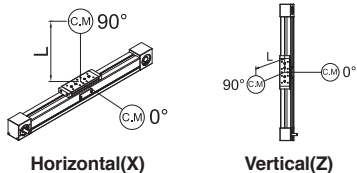


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



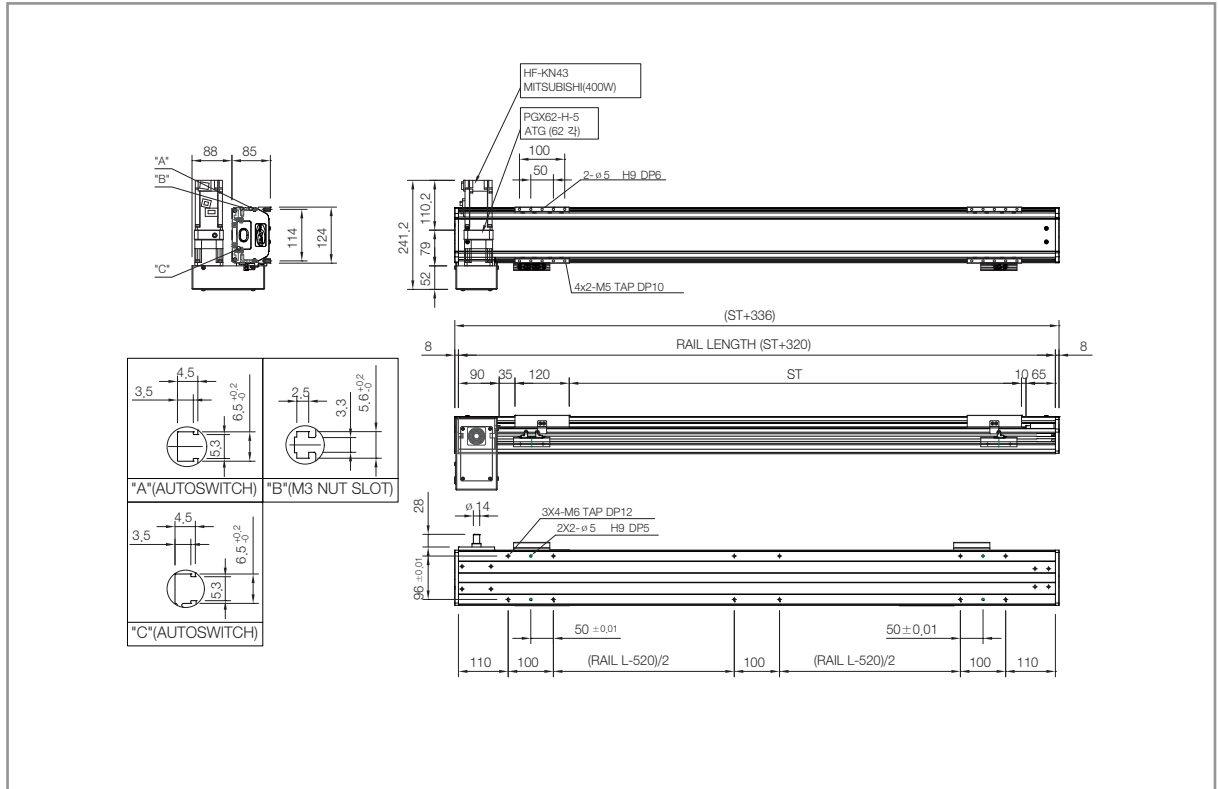
Gear Ratio	Payload	0°	90°
10	60Kg	150mm	450mm
	30Kg	300mm	700mm
5	20Kg	150mm	500mm
	10Kg	300mm	1000mm
5 (400W)	30Kg	150mm	400mm
	15Kg	300mm	900mm

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)
TRB120-UR	50~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB120-UR Dimensions

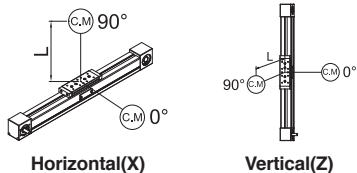


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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	400

Allowable overhang distance



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

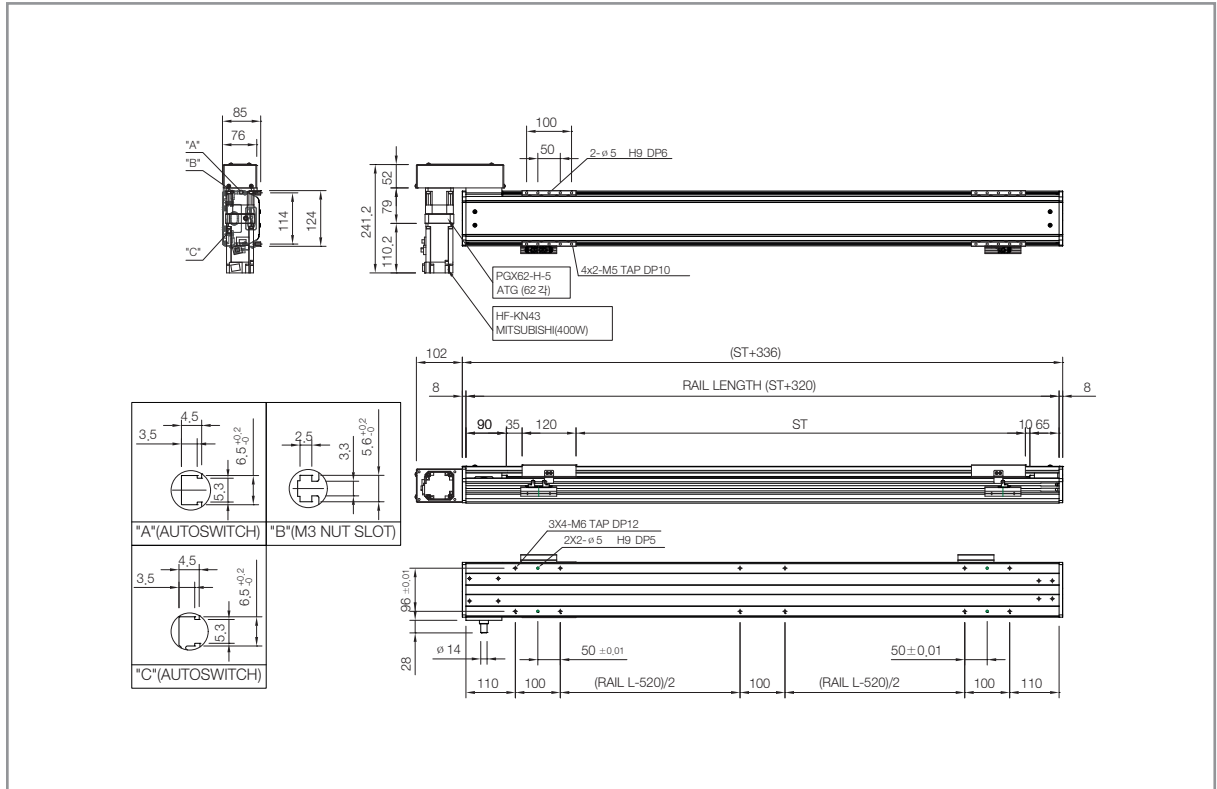
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB120-BL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB120-BL	50~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB120-BL Dimensions

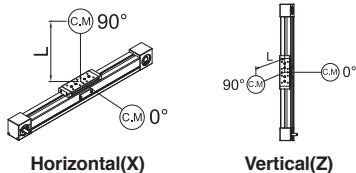


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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	400

Allowable overhang distance



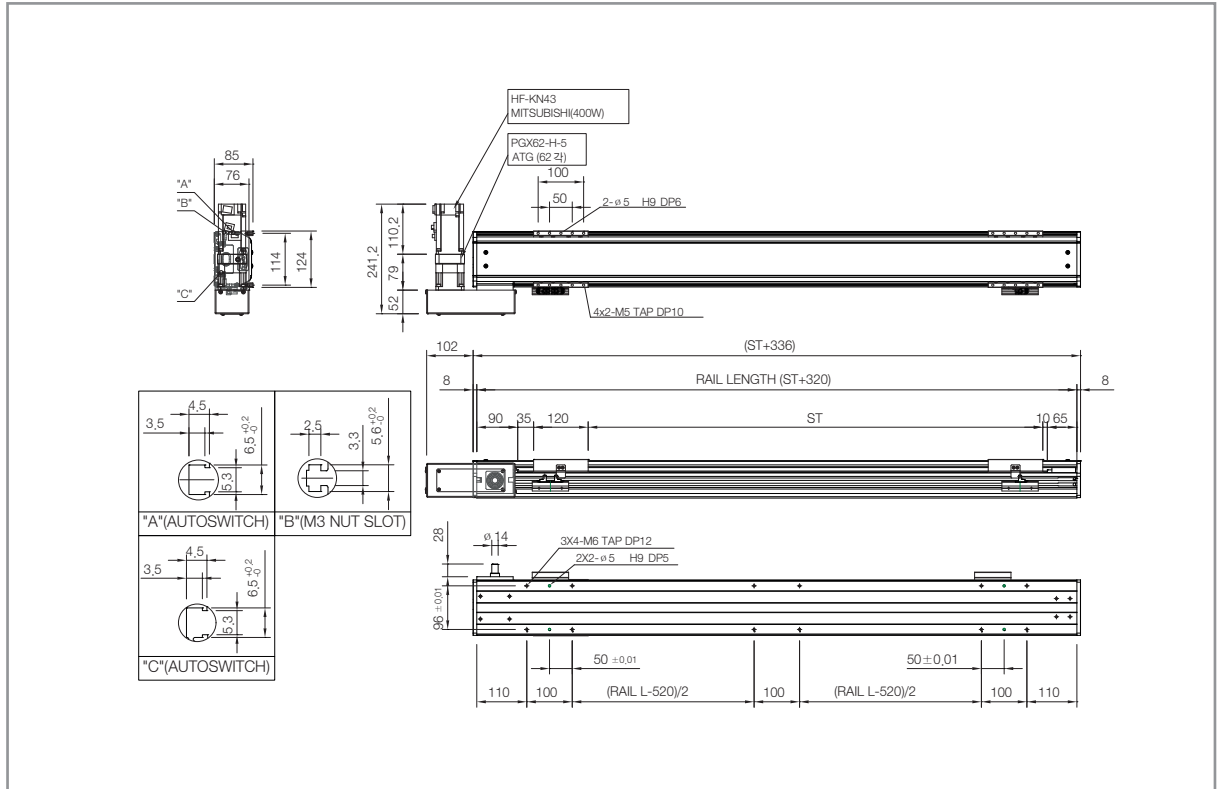
Gear Ratio	Payload	0°		90°	
		150mm	450mm	300mm	700mm
10	60Kg	150mm	450mm	300mm	700mm
	30Kg	300mm	700mm	500mm	500mm
5	20Kg	150mm	500mm	300mm	1000mm
	10Kg	300mm	1000mm	300mm	300mm
5 (400W)	30Kg	150mm	400mm	300mm	300mm
	15Kg	300mm	900mm	300mm	300mm

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)
TRB120-BR	50~2000	10	600	200	60	50
		5	1200		25	20
		5	1200	400	40	35

TRB120-BR Dimensions

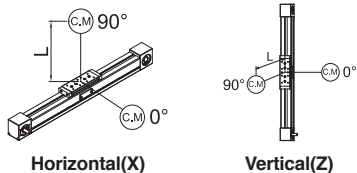


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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	400

Allowable overhang distance



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

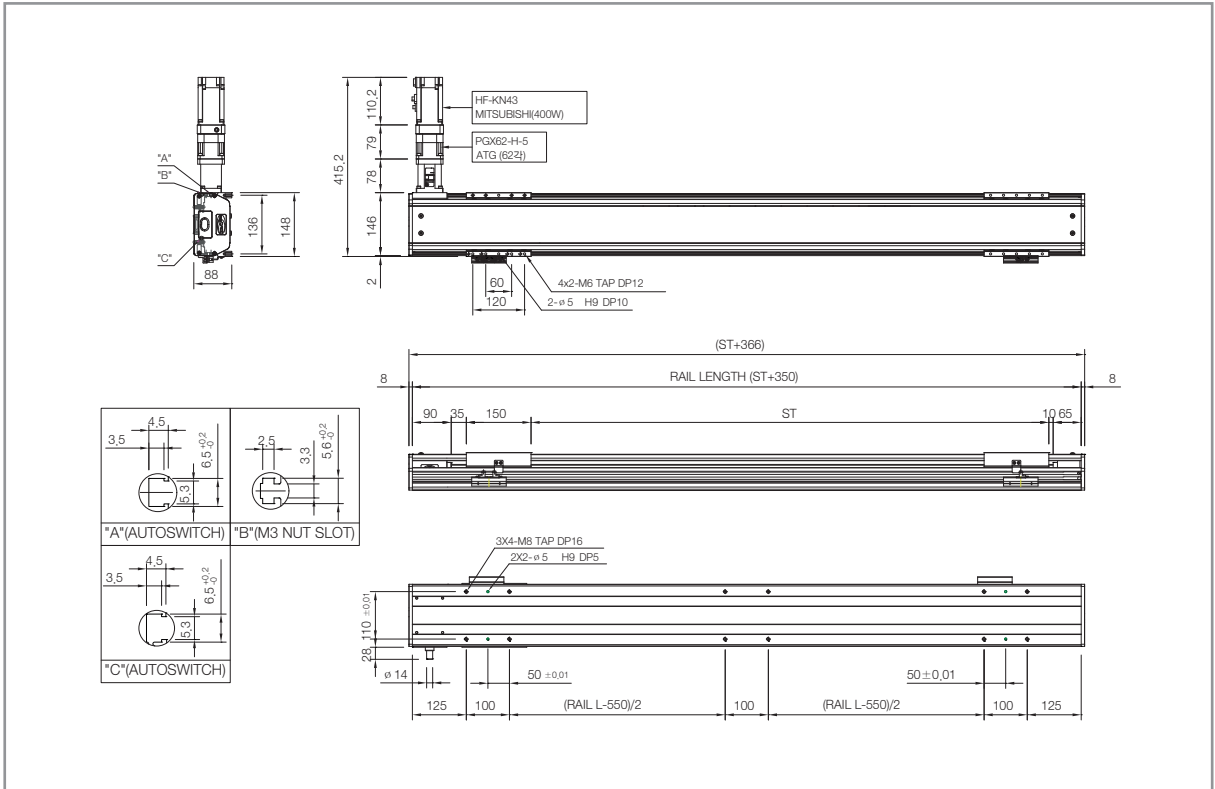
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB150-SL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB150-SL	50~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB150-SL Dimensions

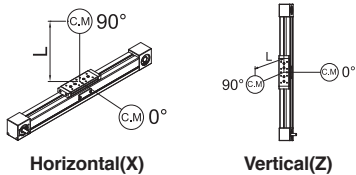


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



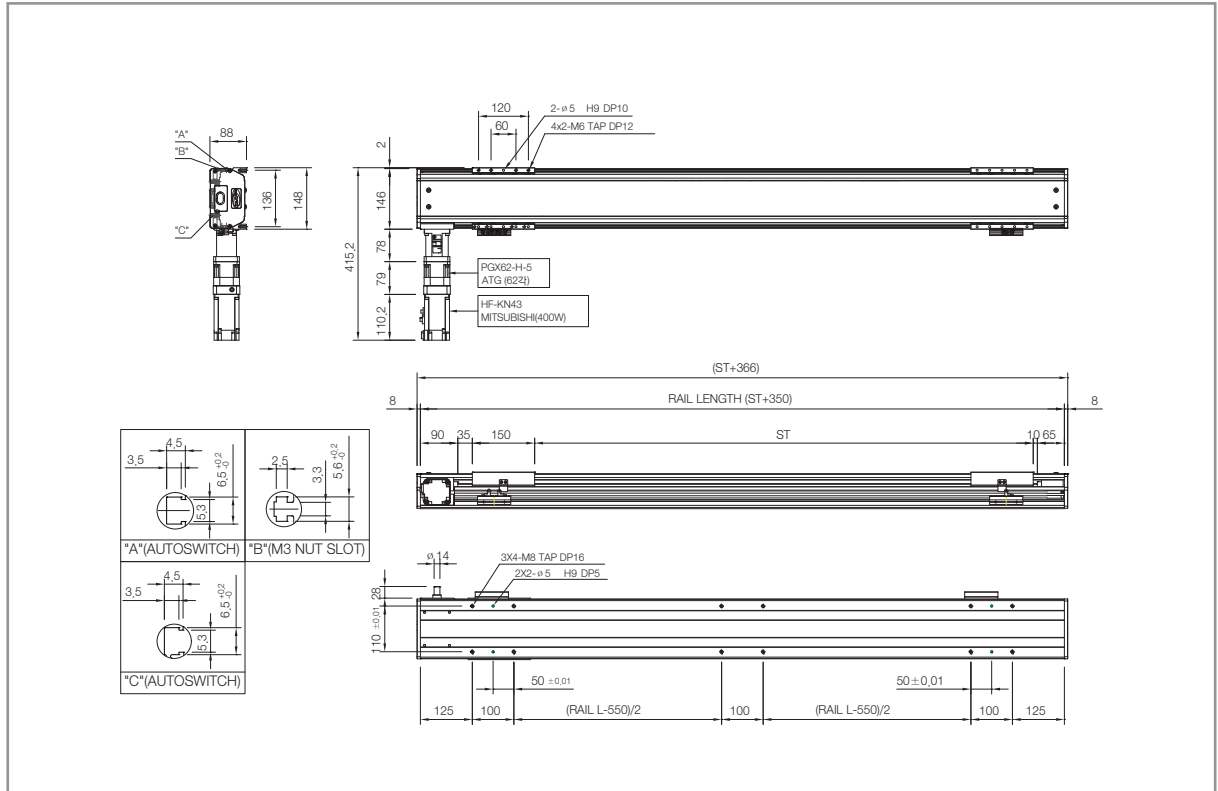
Gear Ratio	Payload	0°	90°
10	80Kg	100mm	800mm
	40Kg	300mm	1000mm
5	30Kg	150mm	500mm
	15Kg	300mm	1000mm
3	10Kg	150mm	600mm
	5Kg	400mm	900mm

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)
TRB150-SR	50~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB150-SR Dimensions

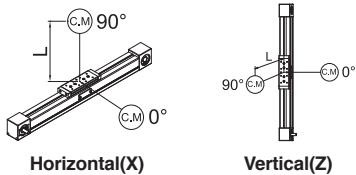


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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°	
		100mm	800mm	300mm	1000mm
10	80Kg	100mm	800mm	300mm	1000mm
	40Kg	300mm	1000mm	500mm	500mm
5	30Kg	150mm	500mm	300mm	1000mm
	15Kg	300mm	1000mm	1000mm	1000mm
3	10Kg	150mm	600mm	300mm	1000mm
	5Kg	400mm	900mm	1000mm	1000mm

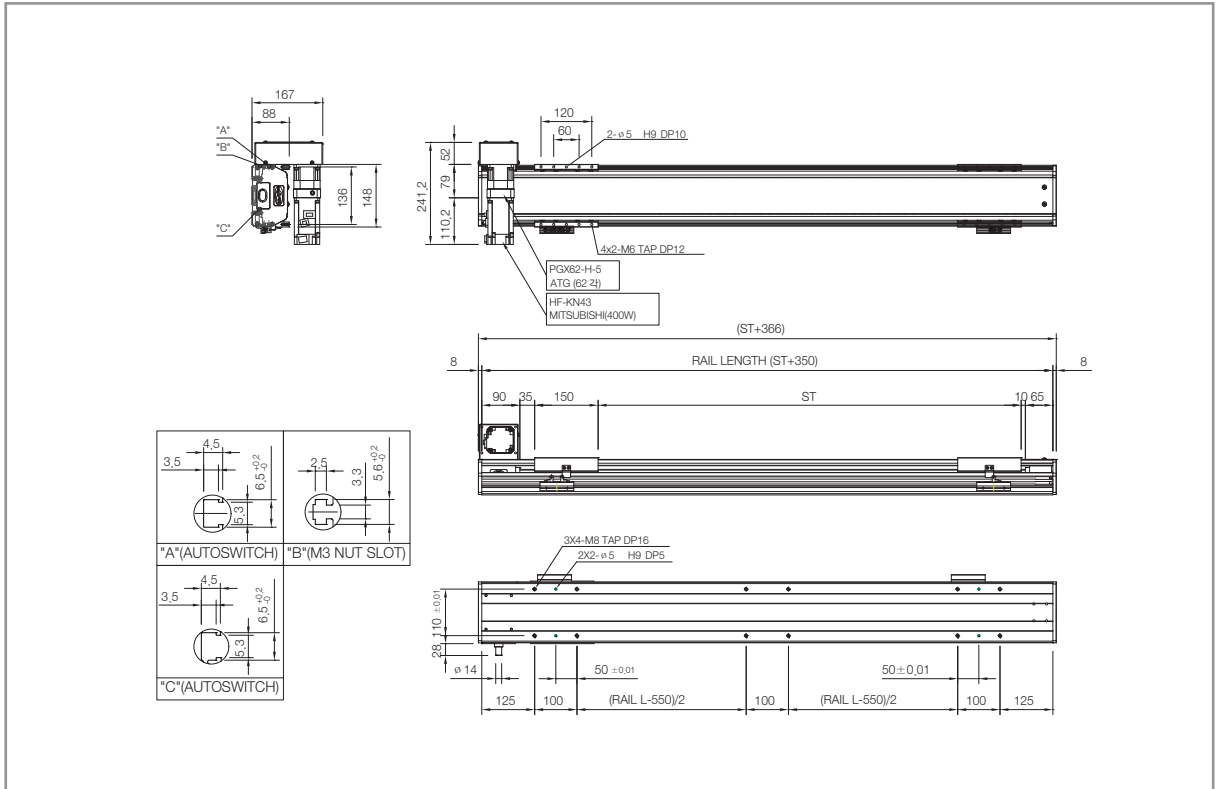
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB150-TL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB150-TL	50~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB150-TL Dimensions

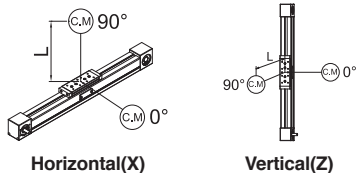


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



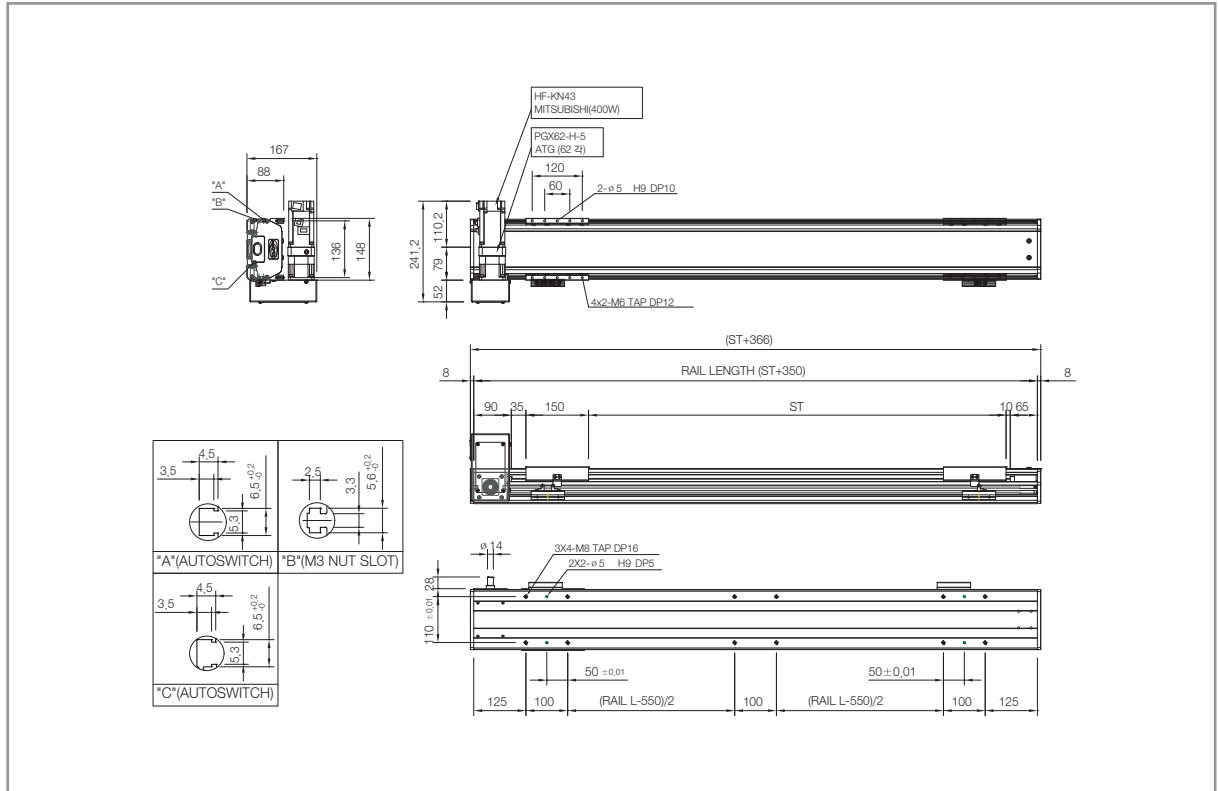
Gear Ratio	Payload	0°		90°	
		0°	90°	0°	90°
10	80Kg	100mm	800mm		
	40Kg	300mm	1000mm		
5	30Kg	150mm	500mm		
	15Kg	300mm	1000mm		
3	10Kg	150mm	600mm		
	5Kg	400mm	900mm		

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)
TRB150-TR	50~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB150-TR Dimensions

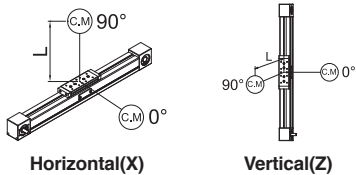


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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°	
		100mm	800mm	300mm	1000mm
10	80Kg	100mm	800mm	300mm	1000mm
	40Kg	300mm	1000mm	500mm	500mm
5	30Kg	150mm	500mm	1000mm	1000mm
	15Kg	300mm	1000mm	1000mm	1000mm
3	10Kg	150mm	600mm	600mm	600mm
	5Kg	400mm	900mm	900mm	900mm

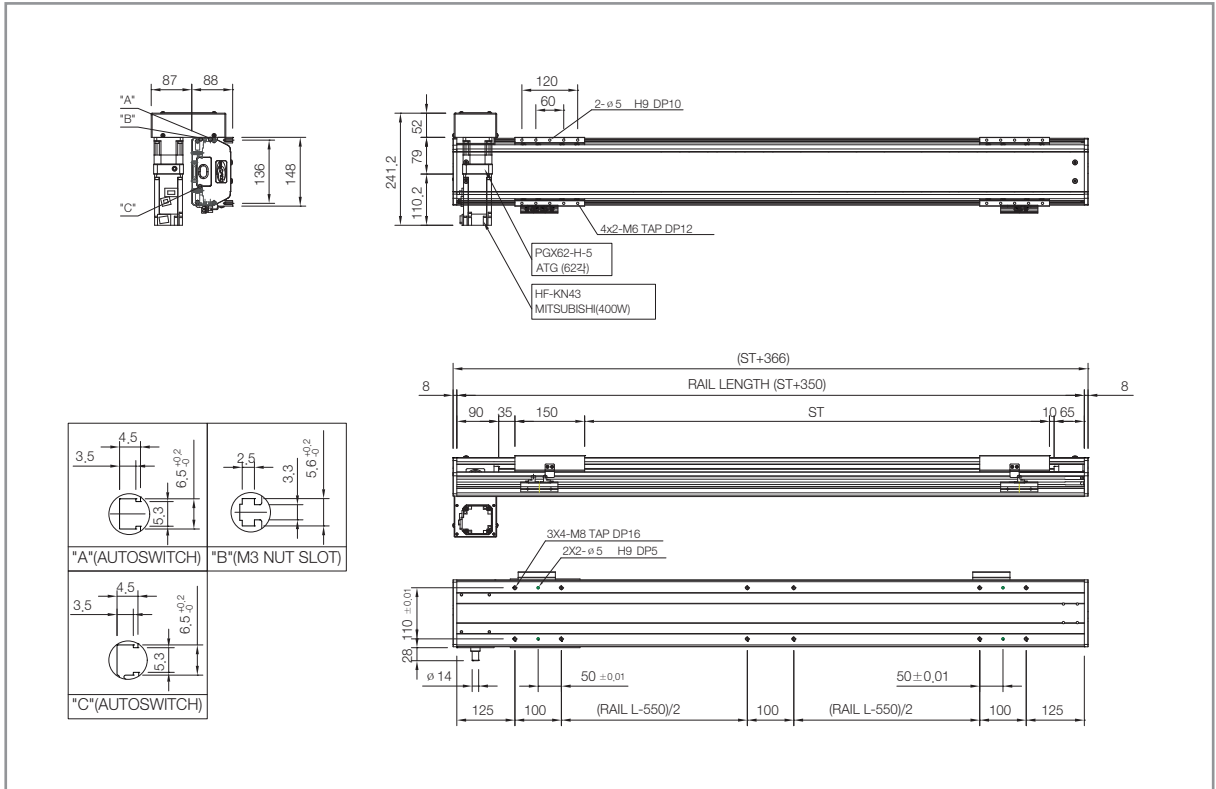
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB150-UL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB150-UL	50~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB150-UL Dimensions

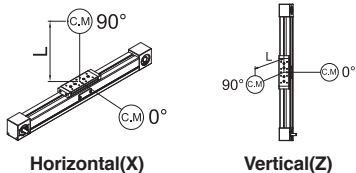


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



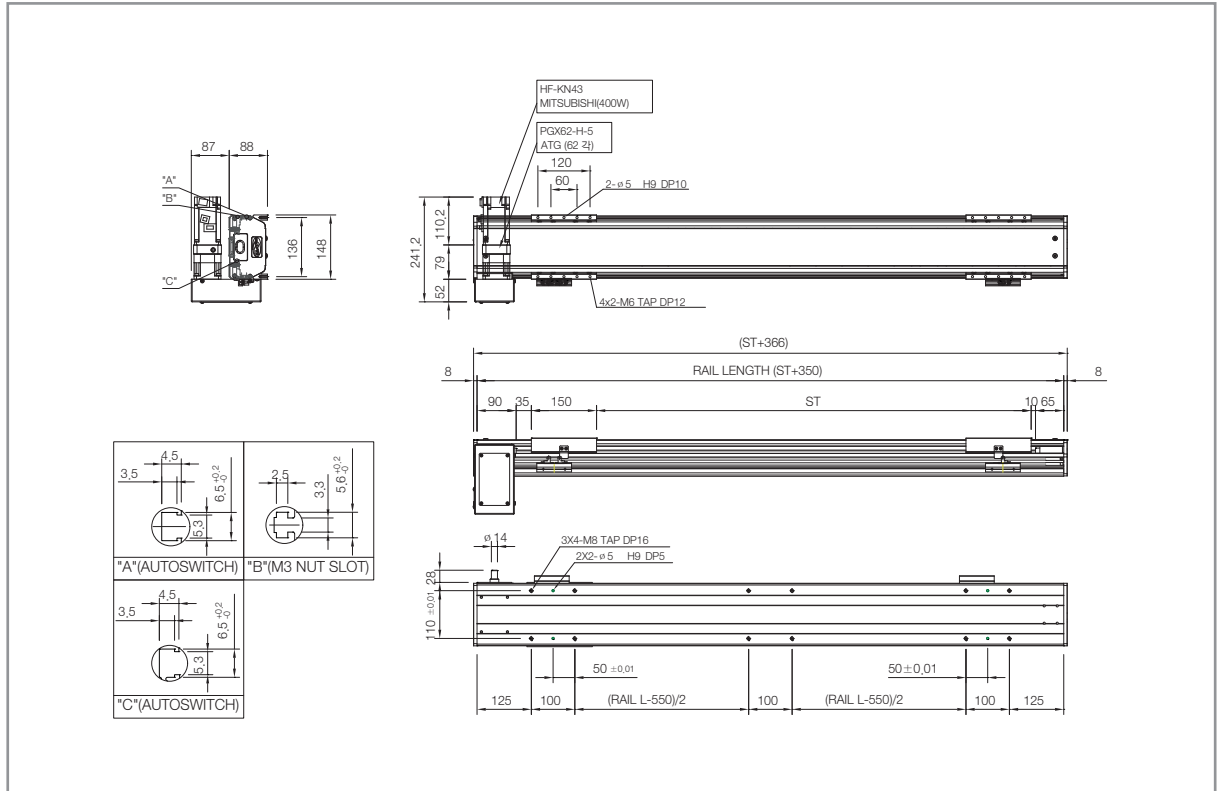
Gear Ratio	Payload	0°	90°
10	80Kg	100mm	800mm
	40Kg	300mm	1000mm
5	30Kg	150mm	500mm
	15Kg	300mm	1000mm
3	10Kg	150mm	600mm
	5Kg	400mm	900mm

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)
TRB150-UR	50~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB150-UR Dimensions

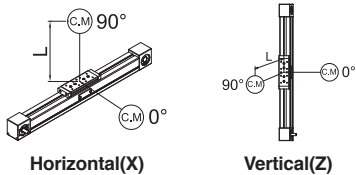


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

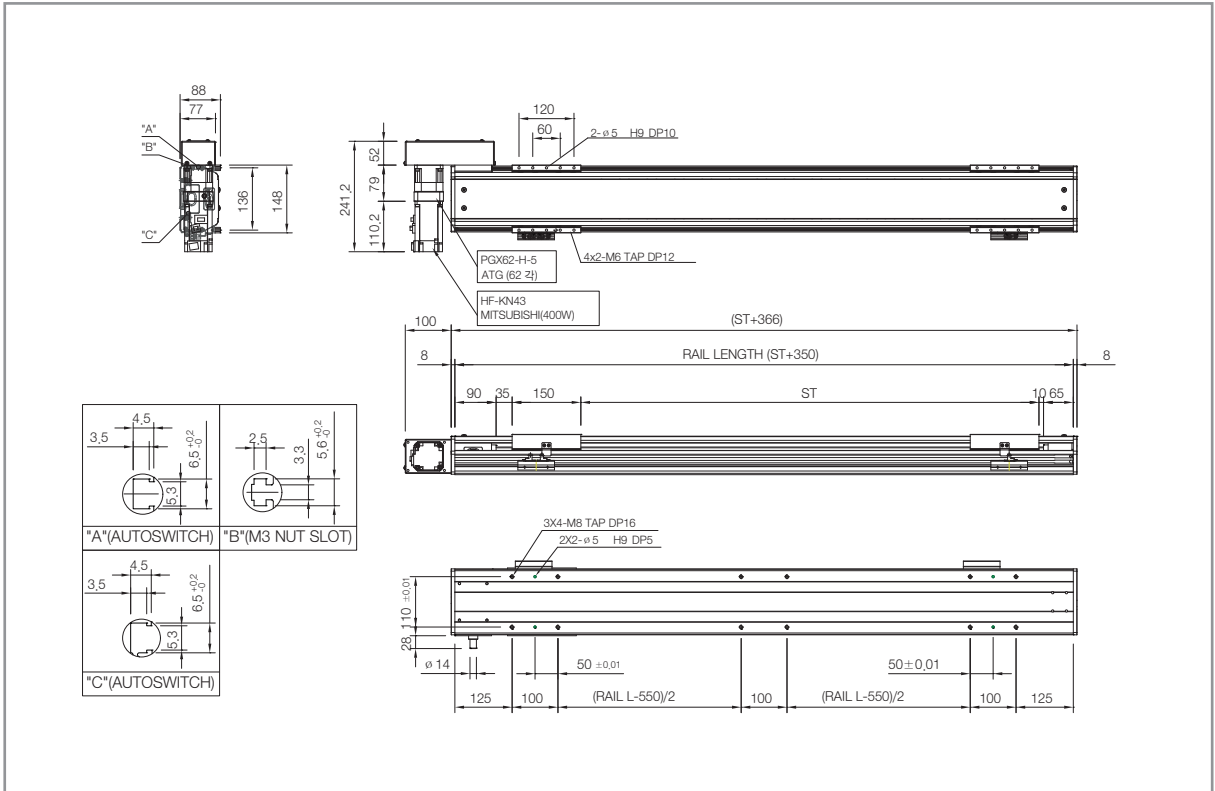
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB150-BL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB150-BL	50~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB150-BL Dimensions

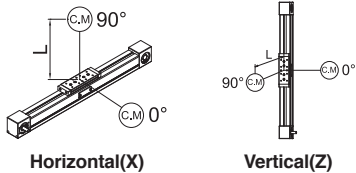


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



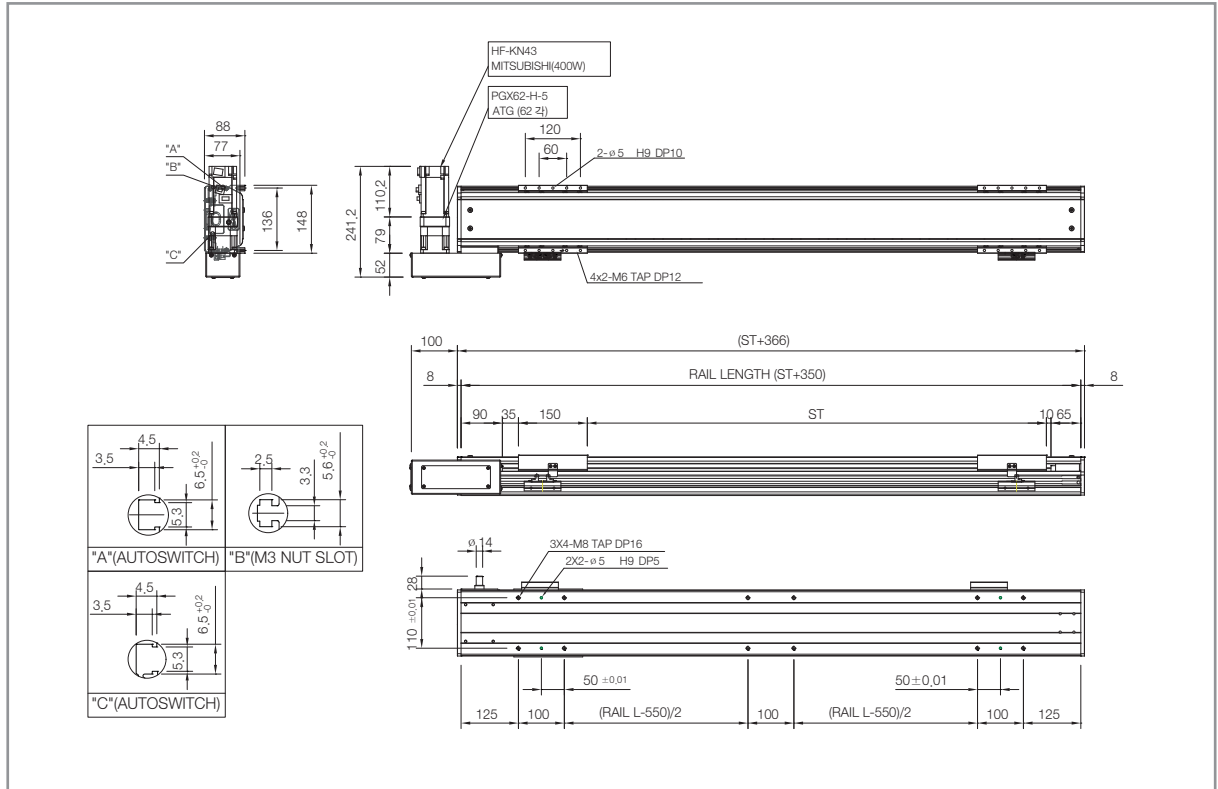
Gear Ratio	Payload	0°	90°
10	80Kg	100mm	800mm
	40Kg	300mm	1000mm
5	30Kg	150mm	500mm
	15Kg	300mm	1000mm
3	10Kg	150mm	600mm
	5Kg	400mm	900mm

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)
TRB150-BR	50~2000	10	600	400	80	70
		5	1200		50	40
		3	2000		10	8

TRB150-BR Dimensions

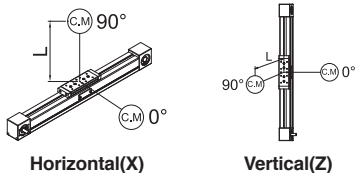


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

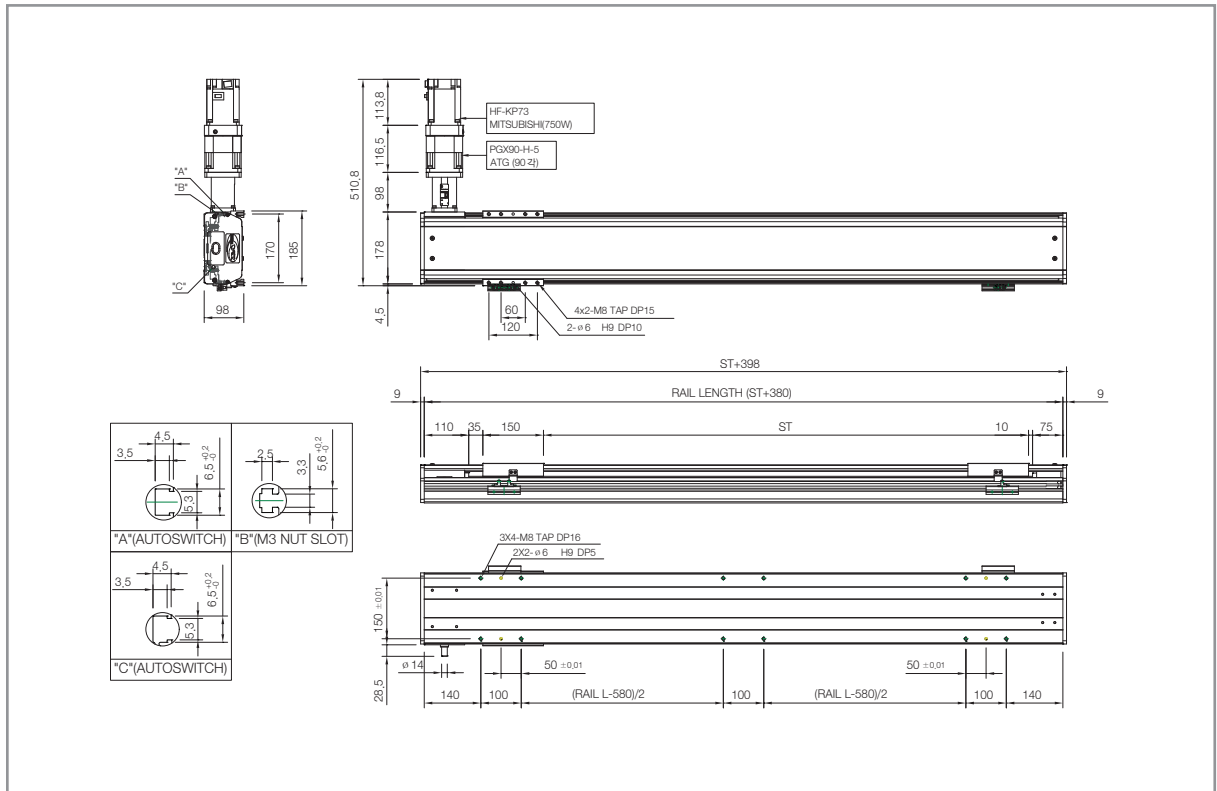
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB180-SL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB180-SL	50~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB180-SL Dimensions

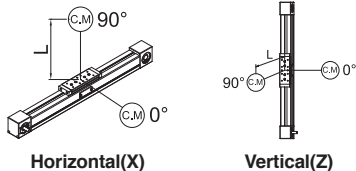


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



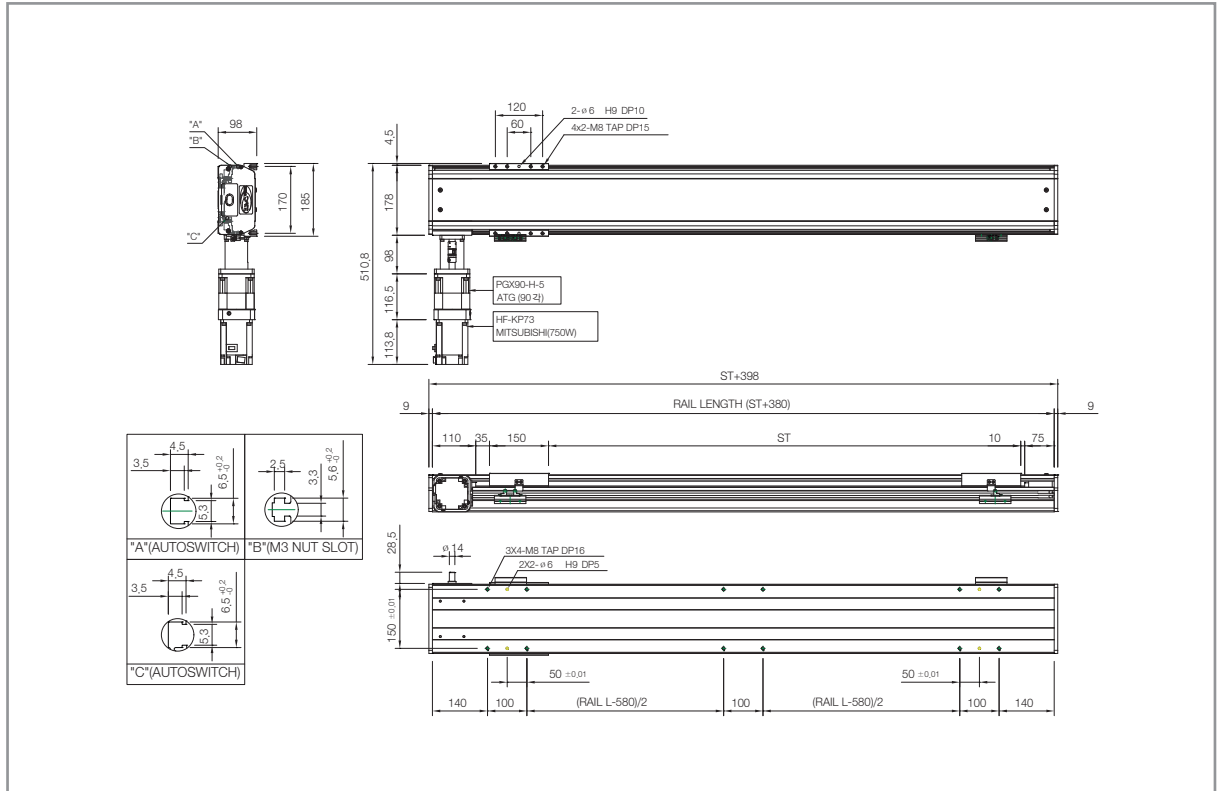
Gear Ratio	Payload	0°		90°	
		0°	90°	0°	90°
10 (400W)	40Kg	100mm	800mm		
	25Kg	250mm	1000mm		
5	40Kg	250mm	900mm		
	25Kg	500mm	1000mm		
3	10Kg	200mm	600mm		
	5Kg	400mm	900mm		

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)
TRB180-SR	50~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB180-SR Dimensions

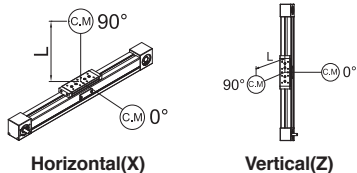


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

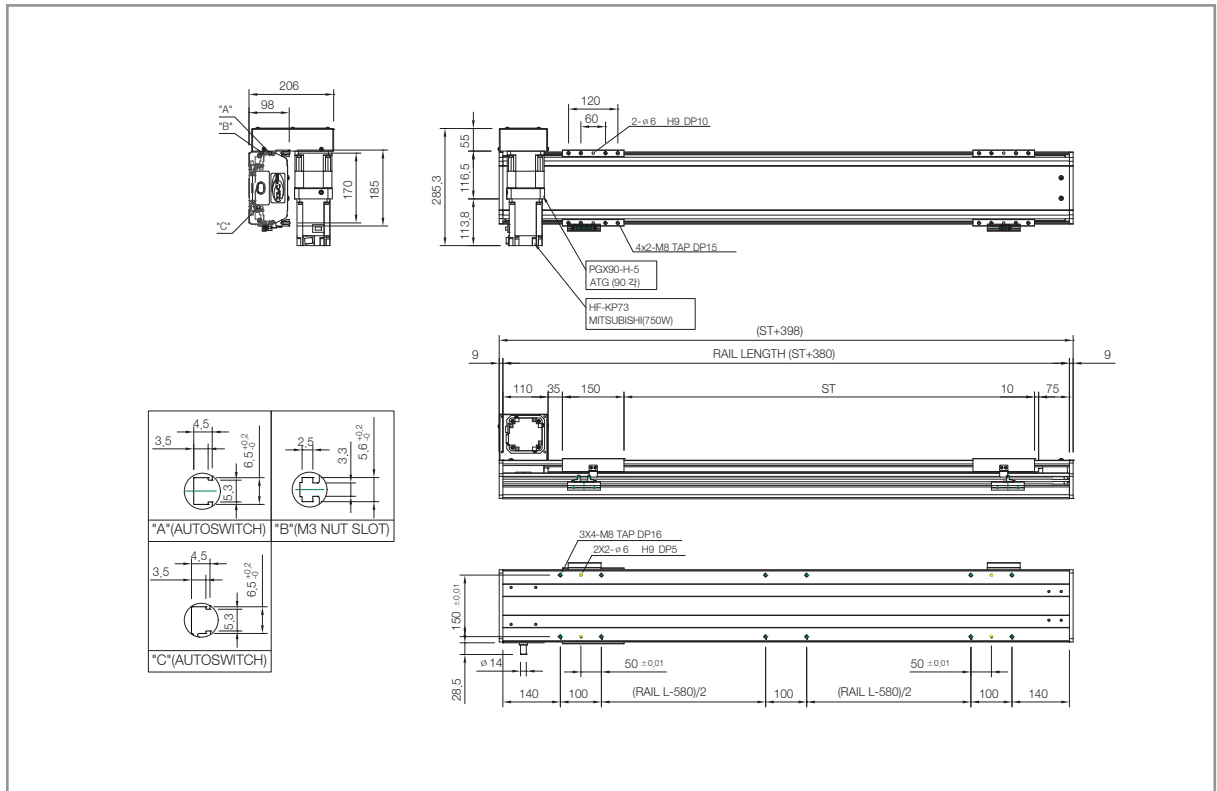
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB180-TL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB180-TL	50~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB180-TL Dimensions

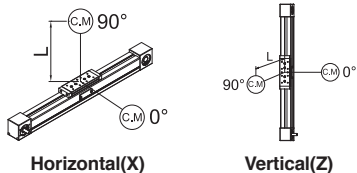


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



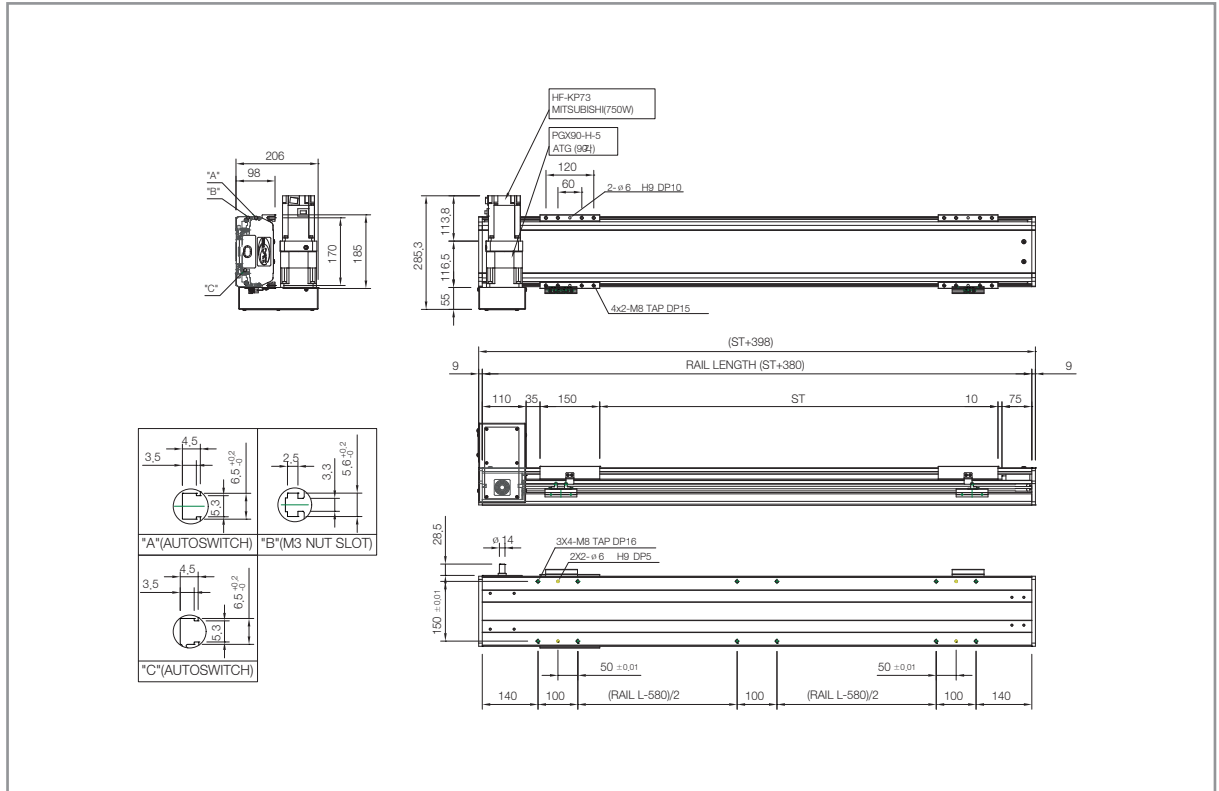
Gear Ratio	Payload	0°		90°	
		0°	90°	0°	90°
10 (400W)	40Kg	100mm	800mm		
	25Kg	250mm	1000mm		
5	40Kg	250mm	900mm		
	25Kg	500mm	1000mm		
3	10Kg	200mm	600mm		
	5Kg	400mm	900mm		

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)
TRB180-TR	50~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB180-TR Dimensions

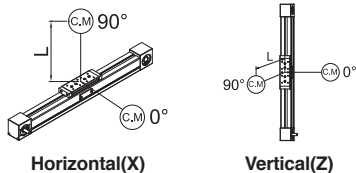


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



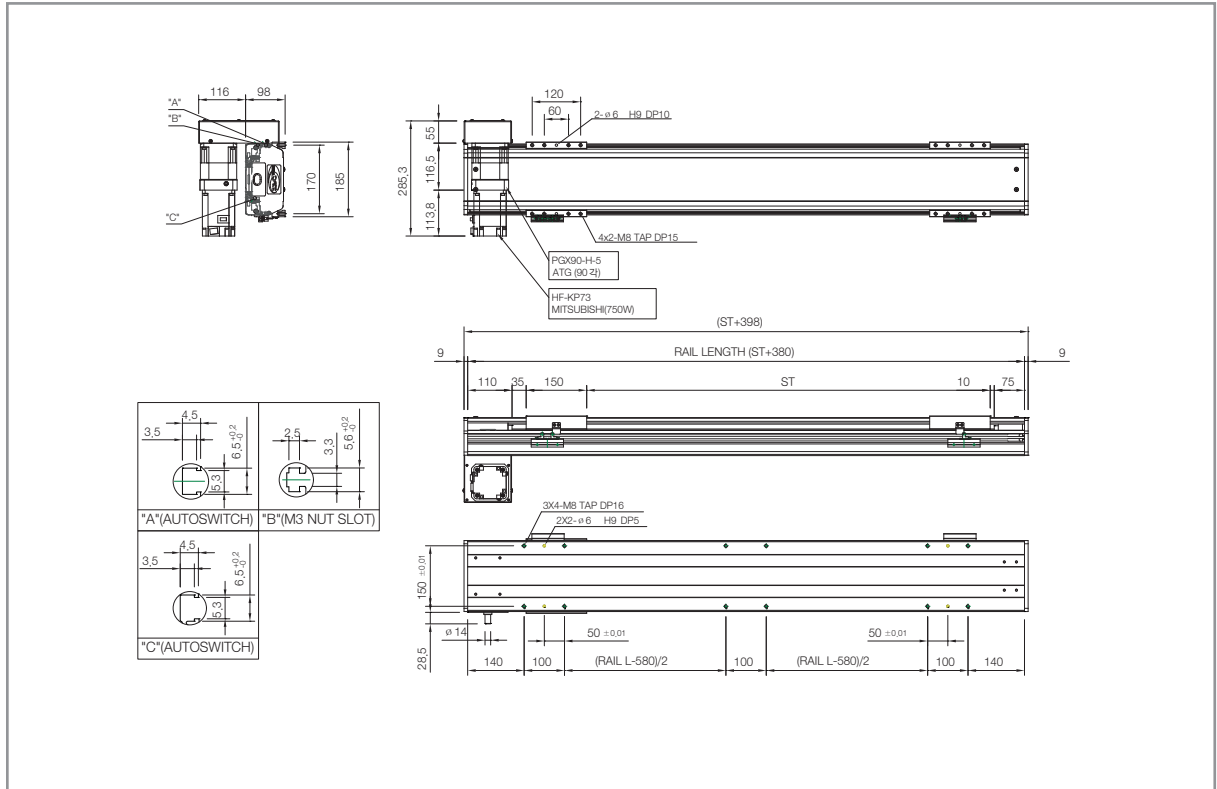
Gear Ratio	Payload	0°		90°	
		100mm	800mm	250mm	1000mm
10 (400W)	40Kg	100mm	800mm	250mm	1000mm
	25Kg	250mm	1000mm	900mm	900mm
5	40Kg	250mm	900mm	500mm	1000mm
	25Kg	500mm	1000mm	600mm	600mm
3	10Kg	200mm	600mm	400mm	900mm
	5Kg	400mm	900mm		

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)
TRB180-UL	50~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB180-UL Dimensions

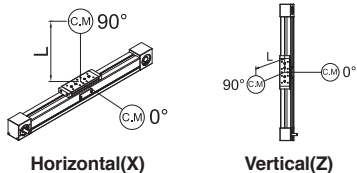


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



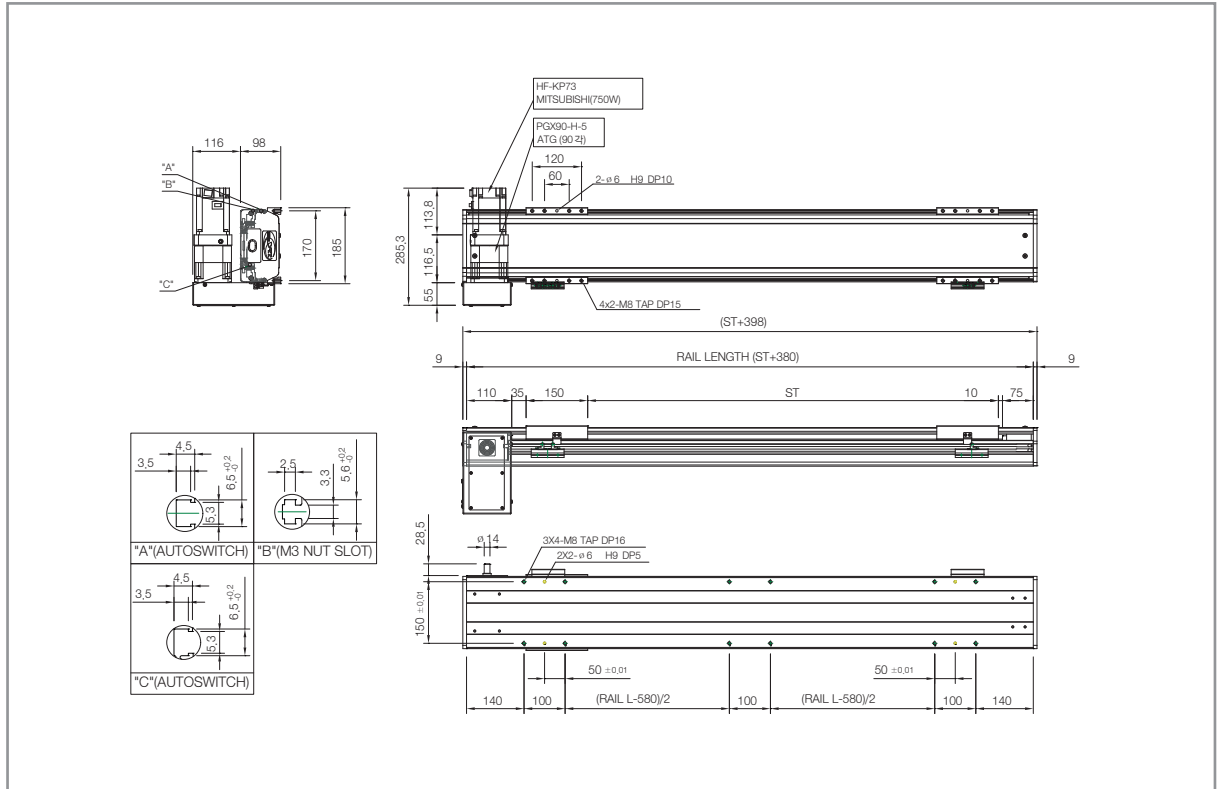
Gear Ratio	Payload	0°		90°	
		0°	90°	0°	90°
10 (400W)	40Kg	100mm	800mm		
	25Kg	250mm	1000mm		
5	40Kg	250mm	900mm		
	25Kg	500mm	1000mm		
3	10Kg	200mm	600mm		
	5Kg	400mm	900mm		

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)
TRB180-UR	50~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB180-UR Dimensions

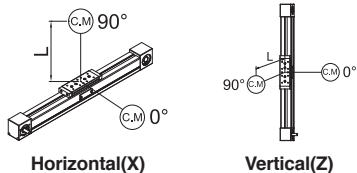


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

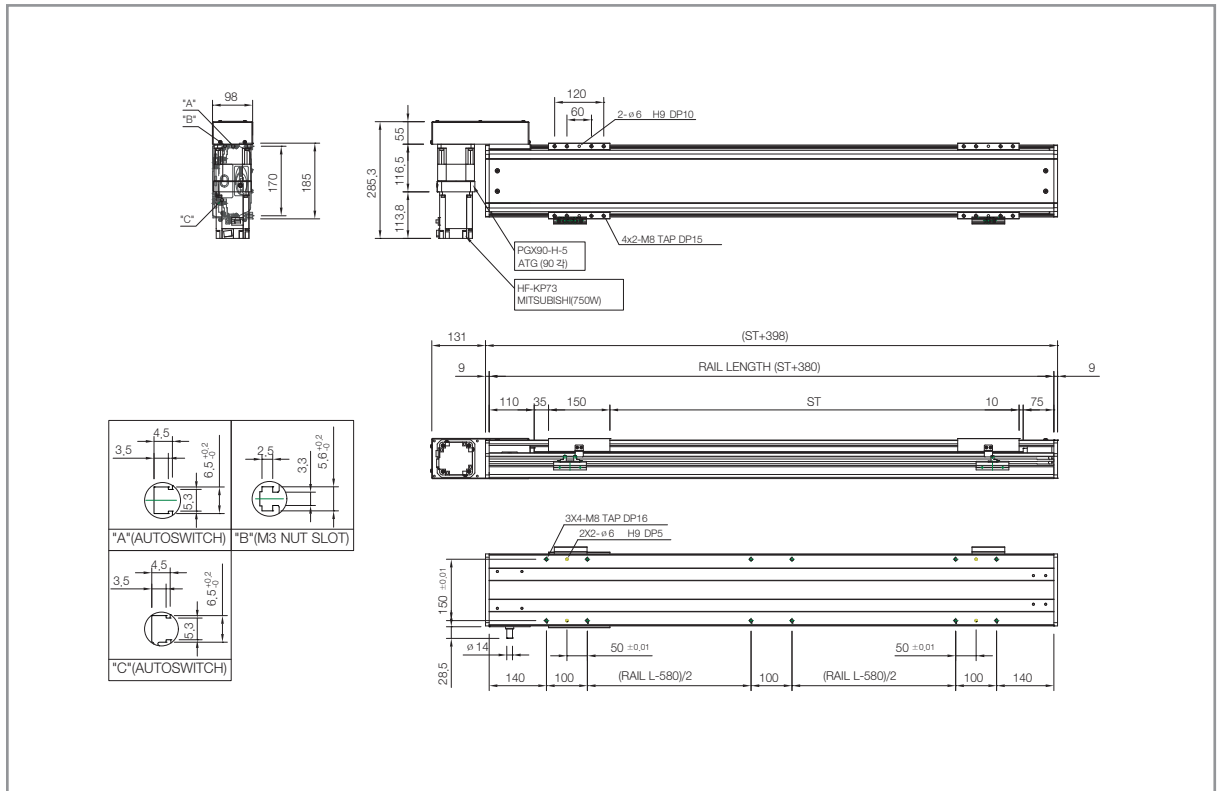
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB180-BL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB180-BL	50~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB180-BL Dimensions

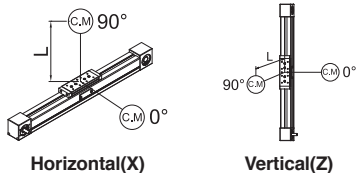


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



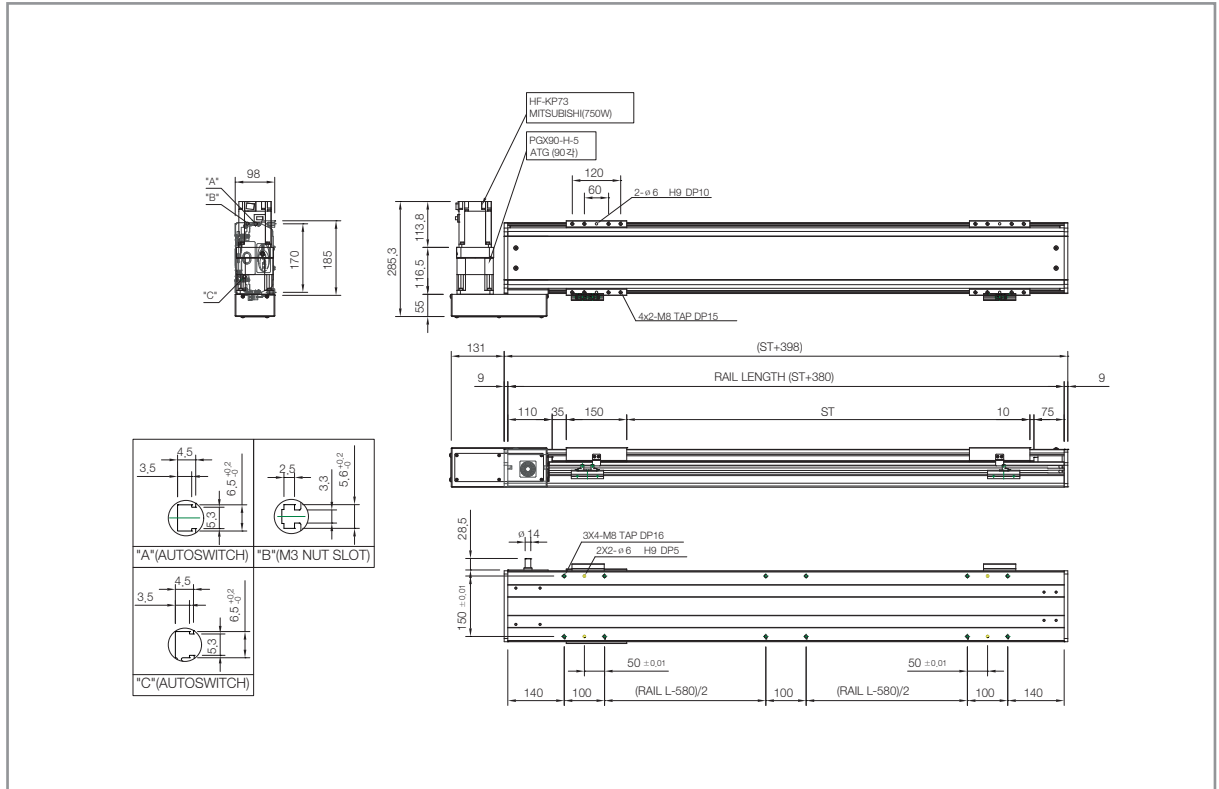
Gear Ratio	Payload	0°		90°	
		0°	90°	0°	90°
10 (400W)	40Kg	100mm	800mm		
	25Kg	250mm	1000mm		
5	40Kg	250mm	900mm		
	25Kg	500mm	1000mm		
3	10Kg	200mm	600mm		
	5Kg	400mm	900mm		

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)
TRB180-BR	50~2000	10	650	400	40	30
		5	1300	750	80	70
		5	2167		50	40

TRB180-BR Dimensions

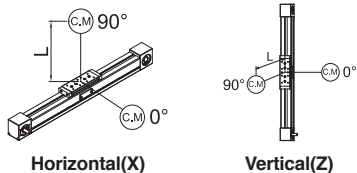


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

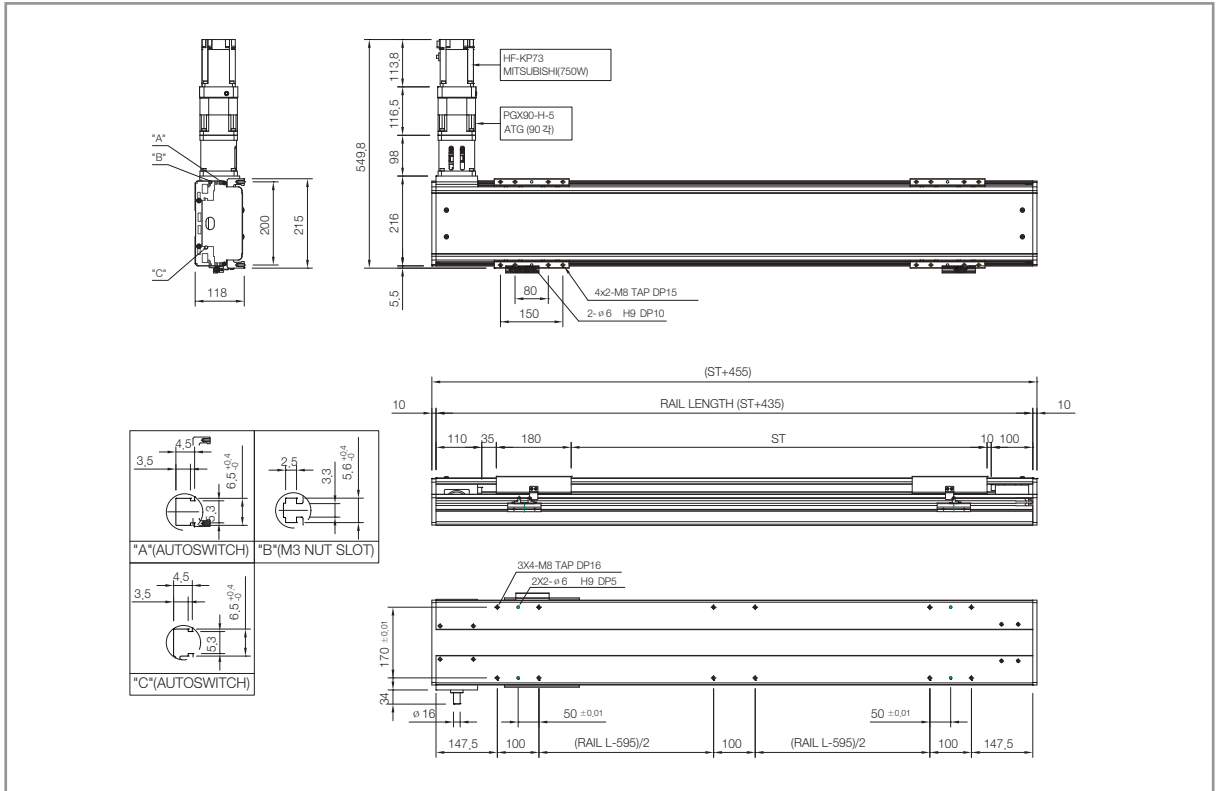
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB210-SL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB210-SL	50~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB210-SL Dimensions

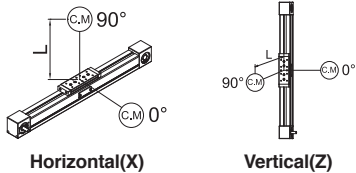


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



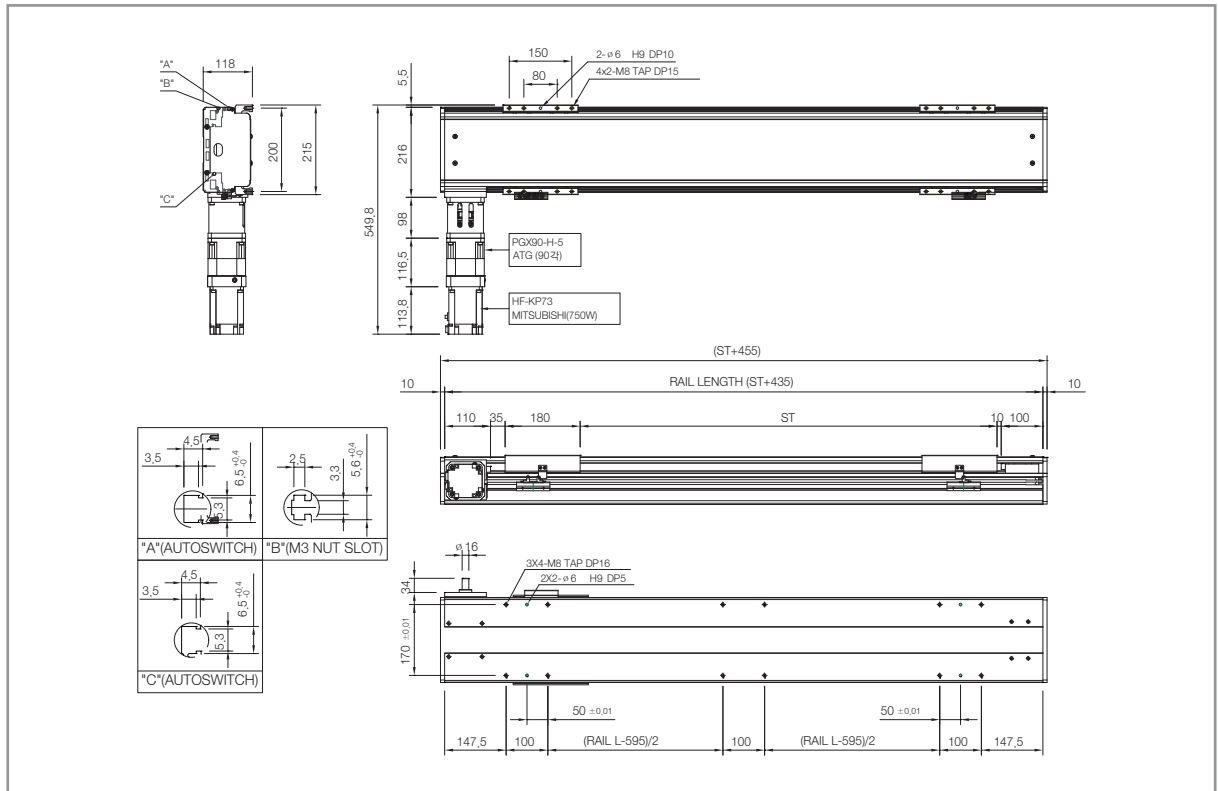
Gear Ratio	Payload	0°		90°	
		100mm	800mm	300mm	800mm
10	120Kg	100mm	800mm	300mm	800mm
	80Kg	300mm	800mm	500mm	1000mm
5	40Kg	150mm	500mm	300mm	1000mm
	20Kg	300mm	1000mm	500mm	1000mm
3	20Kg	100mm	500mm	300mm	1000mm
	10Kg	300mm	1000mm		

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)
TRB210-SR	50~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB210-SR Dimensions

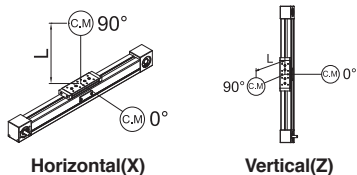


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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°	
		100mm	800mm	300mm	800mm
10	120Kg	100mm	800mm	300mm	800mm
	80Kg	300mm	800mm	500mm	500mm
5	40Kg	150mm	500mm	300mm	1000mm
	20Kg	300mm	1000mm	100mm	500mm
3	20Kg	100mm	500mm	300mm	1000mm
	10Kg	300mm	1000mm		

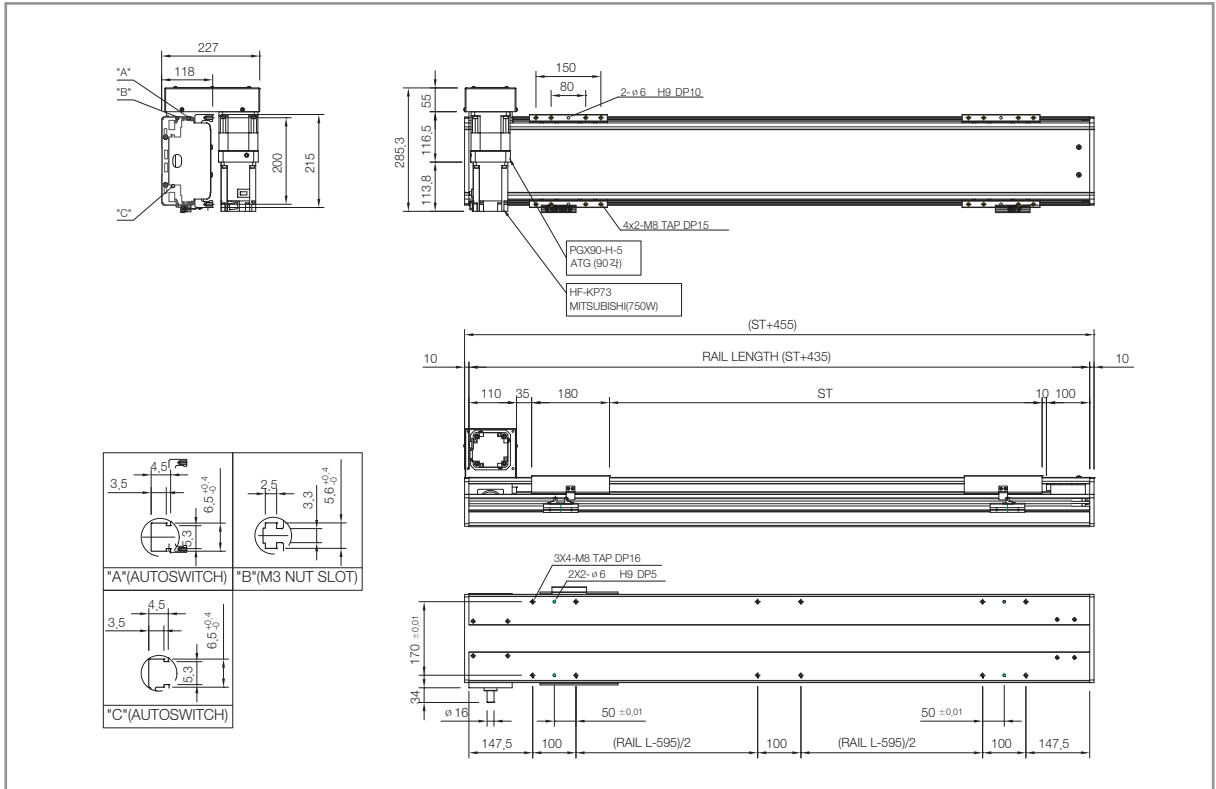
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB210-TL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB210-TL	50~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB210-TL Dimensions

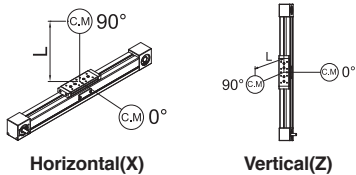


- Please contact us to change sensor or motor options.
- Customized tap or pin notch on the bottom is available.

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



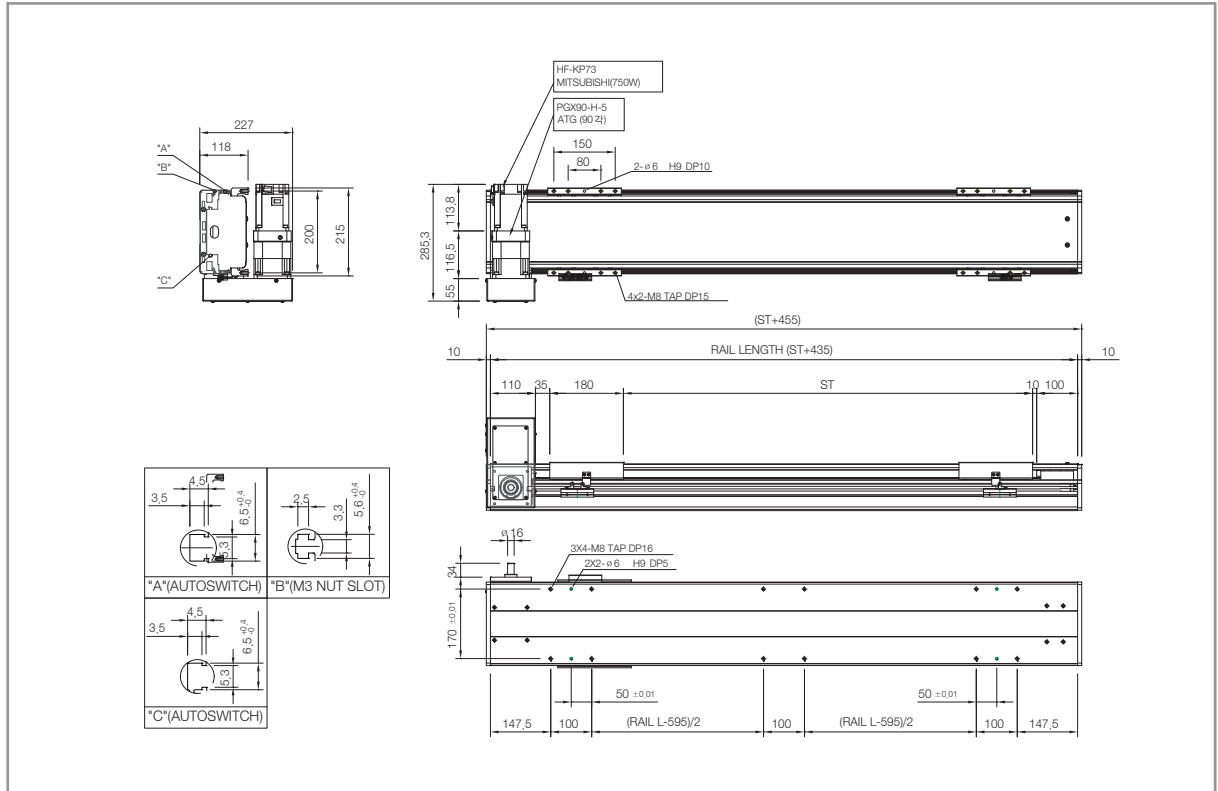
Gear Ratio	Payload	0°		90°	
		100mm	800mm	300mm	800mm
10	120Kg	100mm	800mm	300mm	800mm
	80Kg	300mm	800mm	500mm	500mm
5	40Kg	150mm	500mm	300mm	1000mm
	20Kg	300mm	1000mm	1000mm	1000mm
3	20Kg	100mm	500mm	1000mm	1000mm
	10Kg	300mm	1000mm	1000mm	1000mm

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)
TRB210-TR	50~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB210-TR Dimensions

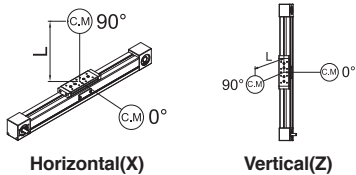


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

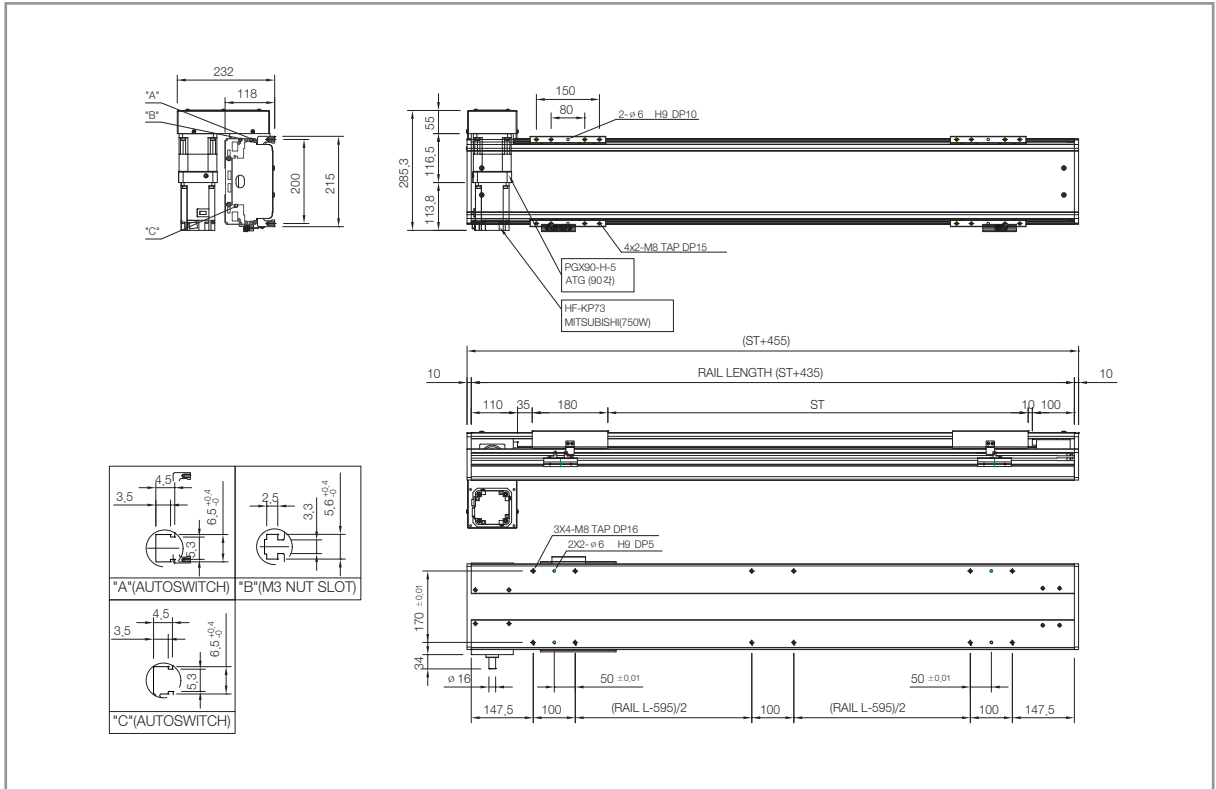
This value is decided based on the lifetime formula of LM guide.
(the lifetime of LM is 16,000 hours.)

TRB210-UL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB210-UL	50~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB210-UL Dimensions

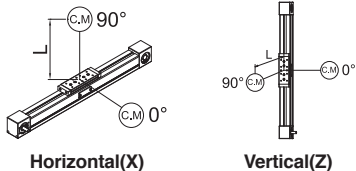


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



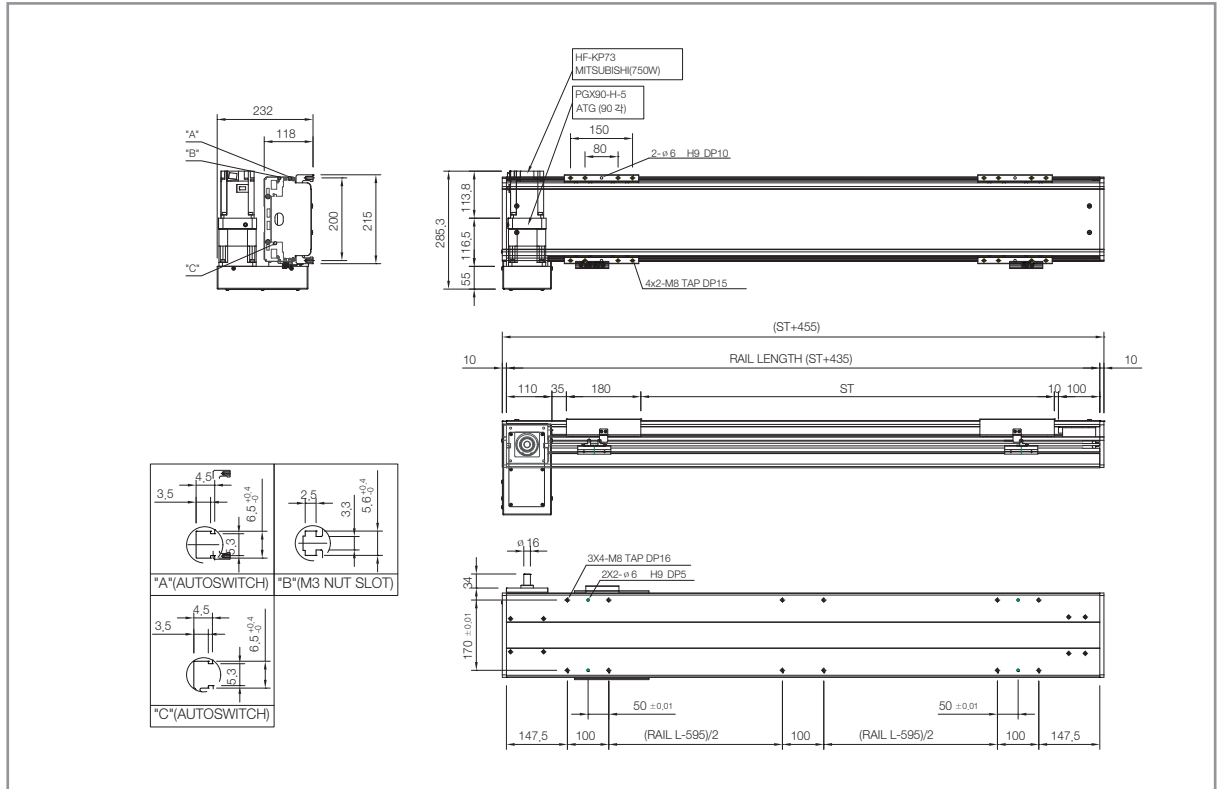
Gear Ratio	Payload	0°		90°	
		100mm	800mm	300mm	800mm
10	120Kg	100mm	800mm	300mm	800mm
	80Kg	300mm	800mm	500mm	500mm
5	40Kg	150mm	500mm	300mm	1000mm
	20Kg	300mm	1000mm	1000mm	1000mm
3	20Kg	100mm	500mm	500mm	500mm
	10Kg	300mm	1000mm	1000mm	1000mm

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)
TRB210-UR	50~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB210-UR Dimensions

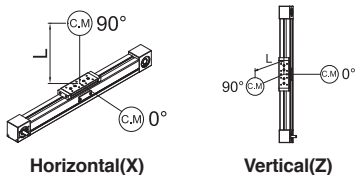


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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

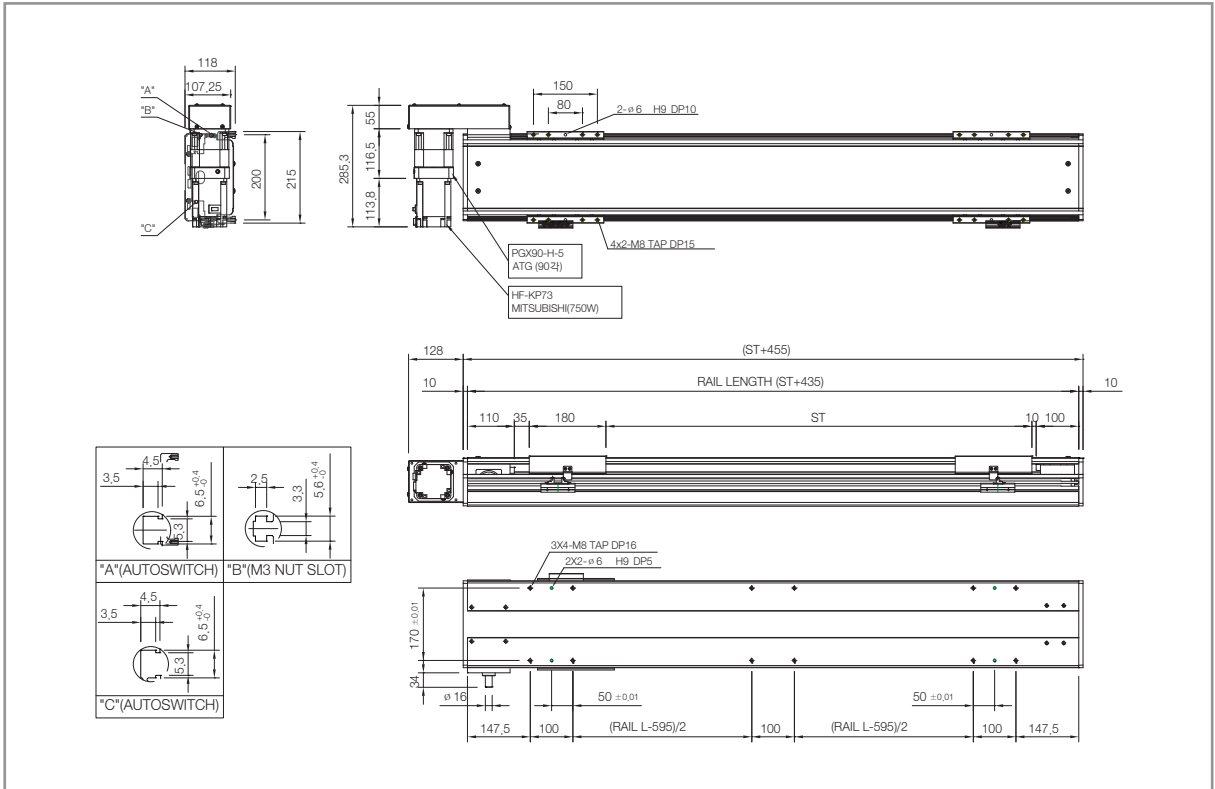
This value is decided based on the lifetime formula of LM guide. (the lifetime of LM is 16,000 hours.)

TRB210-BL

Basic specifications

Model	Stroke (mm)	Gear Ratio	Speed (mm/s)	Motor (W)	Max. Payload(kg)	
					Horizontal(0.3G)	Horizontal(0.5G)
TRB210-BL	50~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB210-BL Dimensions

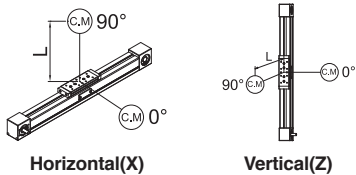


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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



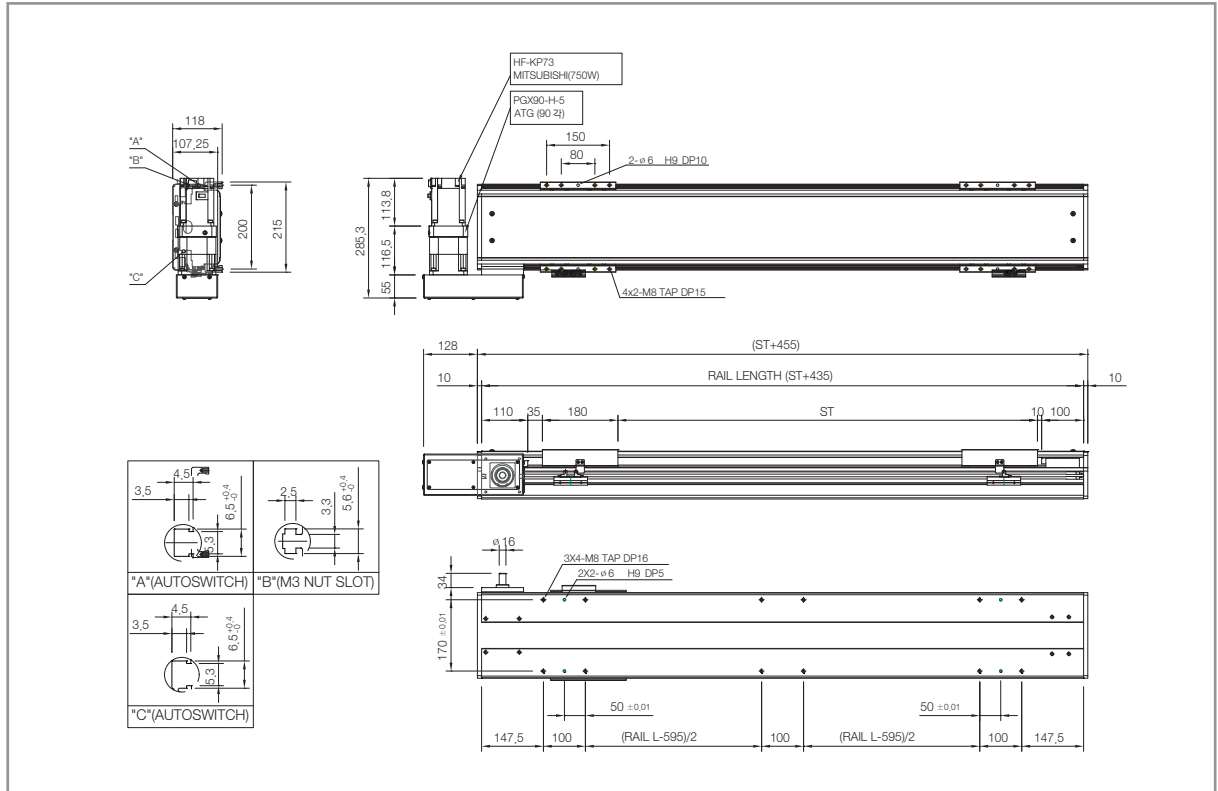
Gear Ratio	Payload	0°		90°	
		100mm	800mm	300mm	800mm
10	120Kg	100mm	800mm	300mm	800mm
	80Kg	300mm	800mm	500mm	500mm
5	40Kg	150mm	500mm	300mm	1000mm
	20Kg	300mm	1000mm	1000mm	1000mm
3	20Kg	100mm	500mm	500mm	500mm
	10Kg	300mm	1000mm	1000mm	1000mm

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)
TRB210-BR	50~2000	10	700	750	120	100
		5	1400		80	60
		3	2333		20	10

TRB210-BR Dimensions

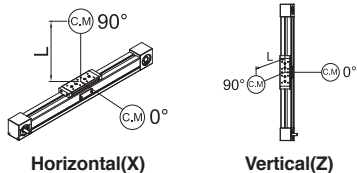


- Please contact us to change sensor or motor options.
- Customized tap or pin pitch on the bottom is available.

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°	
		100mm	800mm	300mm	800mm
10	120Kg	100mm	800mm	300mm	800mm
	80Kg	300mm	800mm	500mm	500mm
5	40Kg	150mm	500mm	300mm	1000mm
	20Kg	300mm	1000mm	1000mm	1000mm
3	20Kg	100mm	500mm	500mm	500mm
	10Kg	300mm	1000mm	1000mm	1000mm

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

