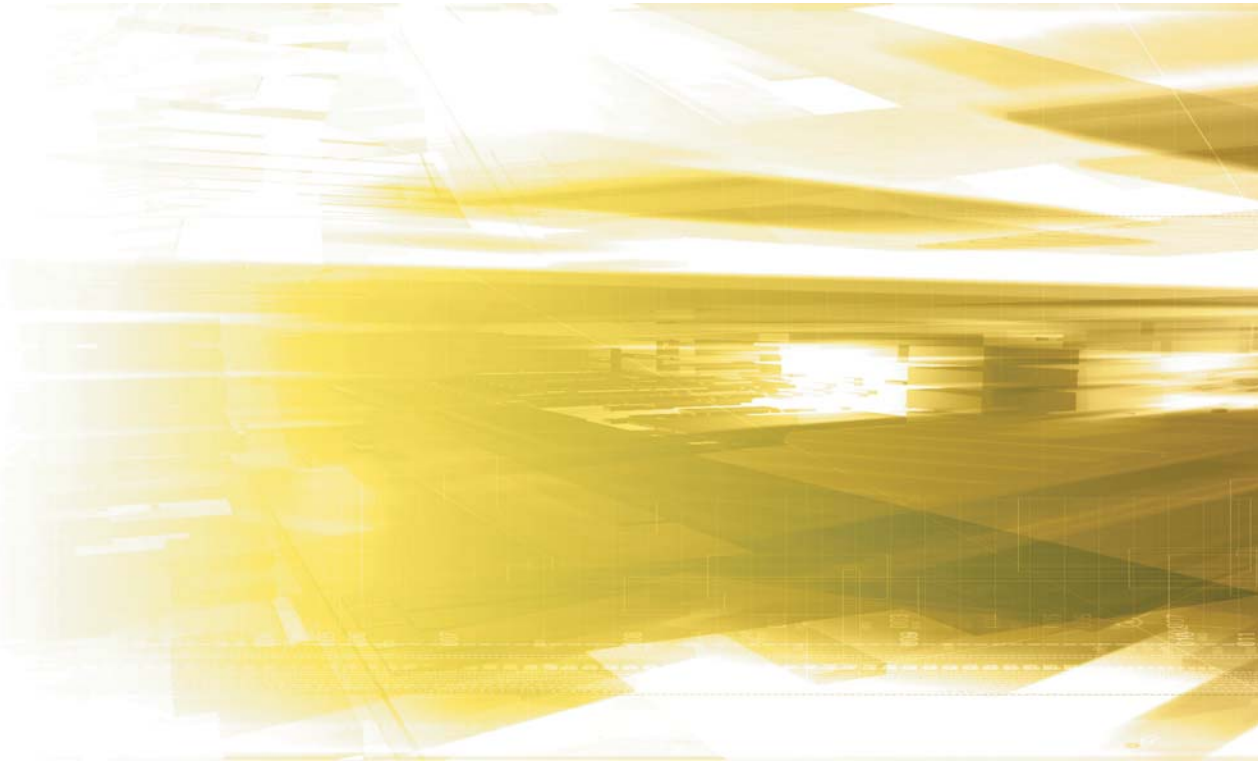
Alpha Belt Robot

BR
Belt Series



Characteristics

- Compact design and high rigid structure with Alpha's standardization of ball screw
  알파로보틱스 직각좌표 표준 BELT 로봇 BR series는 컴팩트한 디자인의 고강성 구조
- Wide-ranging configuration and application with various sized models
  high durability against high speed, long stroke, and high load
  다양한 제품 모델을 갖추고 있어서 동작속도, 위치정밀도, 동작범위 및 부하에 따른 내구성이 강하며 다양한 응용분야에 대응 가능
- Easy maintenance and high reliability
  유지보수가 간편한 구조, 높은 신뢰성 실현
- Applicalbe to high speed operation with long stroke
  Long Stoke에 고속도 대응 가능
- Positioning repeatability ±0.1mm
  반복위치 정밀도가 ±0.1mm
- With dedicated AC servo motor for robot, convenience of maintenance and high reliability guaranteed
  로봇 전용 AC Servo Motor를 채택하여 유지보수의 편리성 및 높은 신뢰성 실현
- Wide range configuration and application available
  다양한 조합이 가능하도록 설계되어 적용시 유용성 실현

ORDER INFORMATION

A BR SERIES

BR090	-	SR	1	-	1000	-	20	N	-	R03
1		2	3		4		5	6		7

1 SERIES

2 SHAPE

3 SLIDE TABLE TYPE

4 STROKE (mm)

5 MOTOR RATED OUTPUT

6 BRAKE OPTION

7 REDUCER

B Options

I	-	H	LF	B	55	-	W	-	N	-	F00
1		2	3	4	5		6		7		8

1 SENSOR

2 3 4 5 CABLEVEYOR

6 COLOR OF ROBOT

7 SURFACE TREATMENT

8 CABLE LENGTH

ORDER INFORMATION

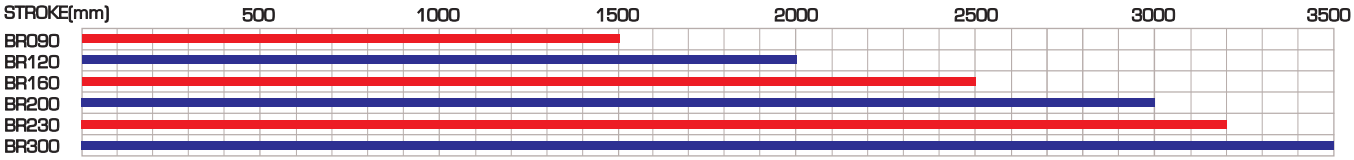
BR SERIES ALPHA Belt Robot

* In case of being mounted on wall or vertical operation of Belt robot, please give us a call.

SR	Straight Right Type	SL	Straight Left Type		
PL	Parallel Left Type	UL	Under Left Type	BL	Back Left Type
PR	Parallel Right Type	UR	Under Right Type	BR	Back Right Type



1	Standard Normal Type	2	Standard Plane Type

20	200W	40	400W	75	750W	1K	1000W	1.5K	1500W

N	Without Brake	B	With Brake

R03	R04	R05	R06	R07	R08
1/3	1/4	1/5	1/6	1/7	1/8

* Applied to not Parallel type but Straight type
* Please refer text regarding standard reducing ratio of each model

I	Internal Sensor (Standard)	E	External Sensor

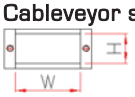
2 Attaching Type

N	None	H	Horizontal

3 Cableveyor direction

LF	Left - Front	RF	Right - Front
LR	Left - Rear	RR	Right - Rear

4 Cableveyor selection (Hmm × Wmm)



Standard	CPS	B 28×35	C 28×55	D 28×75	E 28×100
Cleanroom	IGUS	F 29×40	G 29×60	H 29×80	I 29×100
	TSUBAKI	J 28×40	K 28×60	L 28×80	M 28×100

* Please see the catalogue A50.3 for more information of cableveyor.

5 The radius of curvature (mm)

55	R50 ~ R55	75	R70 ~ R75	*1 95	R90 ~ R95	*2 100	R100

* 1,* 2 are non-standard

W	White (Standard)	B	Black Anodizing

S	Surface Treatment (Standard)	R	Raydent Surface Treatment (LM Rail)

Flexible Cable

F00	None	F03	3m	F05	5m	F07	7m	F10	10m

* Please do not hesitate to contact us when the cable is applied more than 10m.

B ORDER INFORMATION - OPTIONS

2 3 4 5 Cableveyor Selecting Options

Series	Applicable Type			
	Horizontal	Wall Hanging	Rear	Double
BR	●			

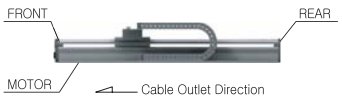
2 3

Applicable Type	Cableveyor Directions			
N None NOTE1	L F Left-Front	R F Right-Front	L R Left-Rear	R R Right-Rear
H Horizontal 				
W Wall Hanging				
R Rear				
D Double				

3

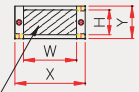
Cableveyor Directions

L F
- Cableveyor Mounted Direction
- Cable Outlet Direction

Cableveyor Mounted Direction		Cable Outlet Direction	
L Left	R Right	F Front	R Rear
			

4 5 * Cableveyor Selecting

Unit : mm



Wiring space (Pic 10-1)

STANDARD							CLEANROOM																	
Selecting Item	Internal dimentions		External dimentions		Radius	Capacity (mm²)	Selecting Item	Internal dimentions		External dimentions		Radius	Capacity (mm²)	Selecting Item	Internal dimentions		External dimentions		Radius	Capacity (mm²)
	H	W	Y	X	R	NOTE2 Origin		H	W	Y	X	R	NOTE2 Origin		H	W	Y	X	R	NOTE2 Origin
A	24	47	31	59.5	45	1128	F	29	40	35	59.5	45	1160	J	28	40	35	60	45	1120
B	28	35	35	79.5	55	980	G		60		79.5	55	1740	K		60		80	55	1680
C		55		99.5	75	1540	H		80		99.5	75	2320	L		80		100	75	2240
D		75		119.5	95	2100	I		100		119.5	95	2900	M		100		120	95	2800
E		100		139.5	100	2800	-			-	-	100	-	-			-	-	100	-

CAUTION
- *Be sure to install in the direction as specified individually.
- *Installation in any other way will cause a failure.
- *For requirement of installation in any way other than the above standard installation, please consult Head Office and Agent.

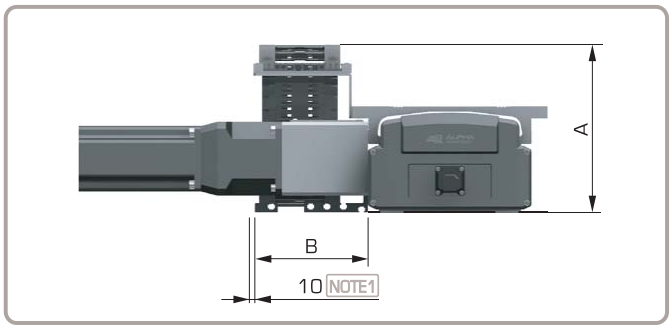
NOTE1 In case that cableveyor is not affixed, it does not need to mark cableveyor specification and instead, just mark 'N'(none).
NOTE2 Please select the floor area ratio by user's using environment, using condition at below 60%

주의
- *반드시 개별적으로 지정한 방향으로 설치해 주십시오.
- *상기 표준 이외의 방법으로 설치하는 것은 고장의 원인이 됩니다.
- *상기 표준 이외의 방법으로 설치할 경우에는 대리점 및 당사에 문의바랍니다.

NOTE1 케이블베어를 장착하지 않을 경우에는 "N"(None)만 표기하고 다른 케이블베어 사양은 표기하지 않습니다.
NOTE2 용적률은 사용자의 용적으로 검토해 주십시오.
용적률은 사용자의 사용환경, 사용조건에 따라 60%이하로 적절히 선정하십시오.

B ORDER INFORMATION

2 H Horizontal Type



BASE SIZE	CABLEVEYOR		S1		S2	
	Bending radius R	Internal dimentions	A	B	A	B
BR090	R055	35, 40	152	98	152	118
		55, 60	152	118	152	138
BR120	R055	35, 40	164	98	164	118
		55, 60	164	118	164	138
BR160	R055	55, 60	186	98	186	118
		75, 80	186	118	186	138
BR200	R075	55, 60	208	98	208	118
		75, 80	208	119	208	138
BR230	R075	55, 60	200	98	200	118
		75, 80	200	118	200	138
BR300	R075	55, 60	228	98	228	118
		75, 80	228	118	228	138

3 NOTE2 Cableveyor Directions

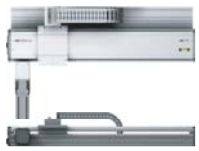
SL type

L F Left - Front

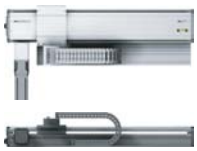
R F Right - Front

SR type

L F Left - Rear



R F Right - Rear



PL type

L F Left - Front

R F Right - Front

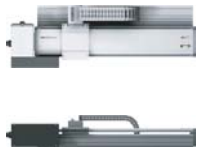
PR type

L F Left - Rear

R F Right - Rear

BL type

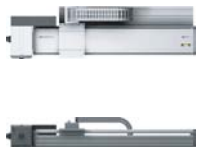
L F Left - Front



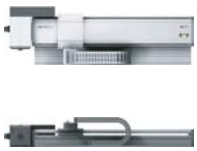
R F Right - Front

BR type

L F Left - Rear

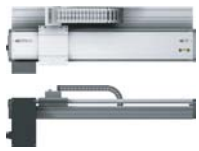


R F Right - Rear



UL type

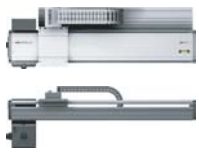
L F Left - Front



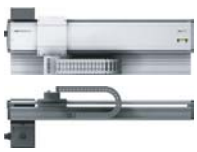
R F Right - Front

UR type

L F Left - Rear



R F Right - Rear



NOTE1 This is a minimum space allowance between Cableveyor and external interference when robot drives.
NOTE2 For the information of Cable veyor of blank, please contact a distributor or our company.

NOTE1 로봇을 구동할 때에 케이블베어와 외부 간섭과의 최소여유치수입니다.
NOTE2 빈칸의 케이블베어 장착은 영업점 및 폐사에 문의 바랍니다.

ALPHA ROBOT SPECIFICATIONS

Product		Rated Output E.D	Max. Speed mm/s	Max. Load (H) 50 100 150 200 kg
BR SERIES	090	200W - R03	1250	25
		200W	1500	16
		400W	1500	25
	120	400W - R03	1750	22
		400W - R04	1300	35
		400W	2000	12
		750W	2000	35
	160	400W - R04	1300	40
		750W - R03	1750	40
		750W	2000	35
	200	750W - R05	1600	60
		750W - R07	1100	80
		1000W	2000	80
	230	750W - R06	1300	80
		750W - R08	1000	120
		1000W - R03	1750	120
		1000W	2000	120
	300	1000W - R03	1750	160
		1000W	2000	120
		1500W	2000	160

PRO GRAM | mm | mm/s | kg

Repeatability mm	Max. Stroke 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 mm	Page no.
±0.1	1500	B51.1 ~ 8
±0.1	1500	B51.1 ~ 8
±0.1	1500	B51.1 ~ 8
±0.1	2000	B52.1 ~ 8
±0.1	2000	B52.1 ~ 8
±0.1	2000	B52.1 ~ 8
±0.1	2000	B52.1 ~ 8
±0.1	2500	B53.1 ~ 10
±0.1	2500	B53.1 ~ 10
±0.1	2500	B53.1 ~ 10
±0.1	3000	B54.1 ~ 8
±0.1	3000	B54.1 ~ 8
±0.1	3000	B54.1 ~ 8
±0.1	3200	B55.1 ~ 10
±0.1	3200	B55.1 ~ 10
±0.1	3200	B55.1 ~ 10
±0.1	3200	B55.1 ~ 10
±0.1	3500	B56.1 ~ 8
±0.1	3500	B56.1 ~ 8
±0.1	3500	B56.1 ~ 8

Model	BR090-SL	BR090-SR	BR090-PL	BR090-PR	BR090-BL	BR090-BR	BR090-UL	BR090-UR

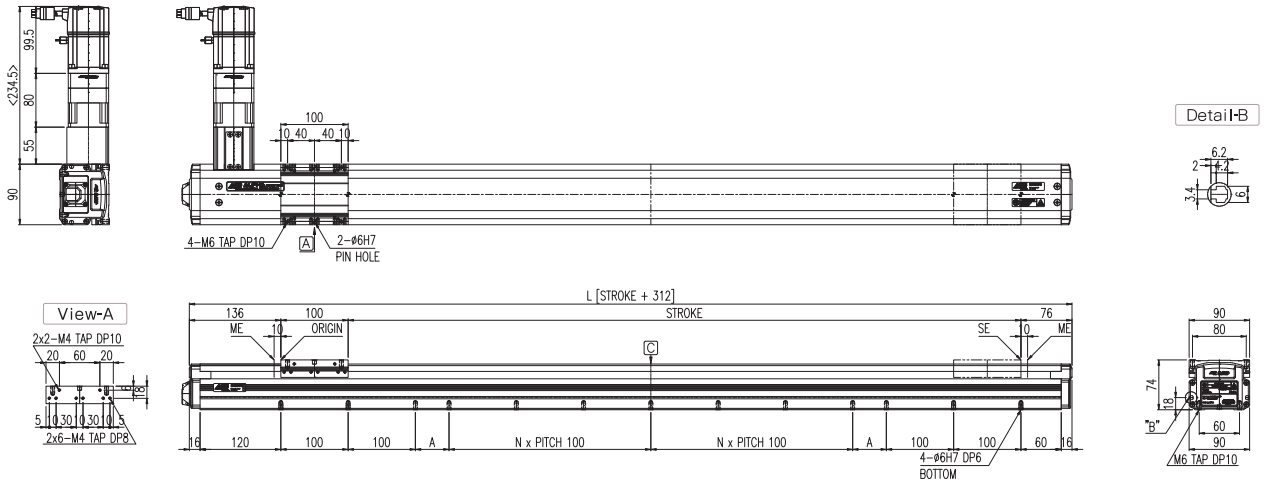
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR090-SL1/2-20N-R03
BR090-SL1			BR090-SL2
Rated Output		W	200W, 3000 min⁻¹, R03
Max. Speed	Note1	mm/s	1250
Max. Load	Note2	kg	25
Stroke Range		mm	200 ~ 1500
Repeatability		mm	±0.1
Drive Type		-	BELT

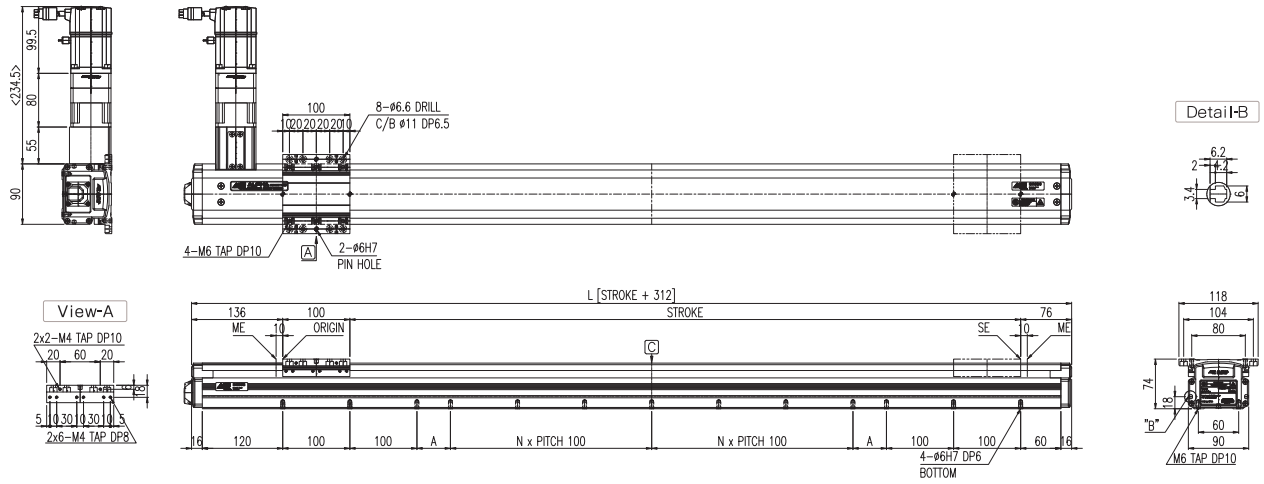
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	5	10	15	25
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	450	255	165	91
		45°	450	232	150	83
		90°	450	450	450	445
	Note4 Wall Installation Use	0°	450	450	450	450
		45°	450	240	155	87
		90°	450	268	173	97
	Note5 Vertical Use	0°	450	245	163	98
		45°	260	130	87	52
		90°	450	234	155	93
Note3 Estimated Condition			Max Speed : 1500 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR090-SL1

* All dimensions in mm



BR090-SL2



Weight	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
	SL1/2-20N-R03	kg	11.5	12.9	14.3	15.7	17.2	19.3					0.71

Speed	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
	SL1/2-20N-R03	mm/s	1250										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75, and 100.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR090-SL	BR090-SR	BR090-PL	BR090-PR	BR090-BL	BR090-BR	BR090-UL	BR090-UR

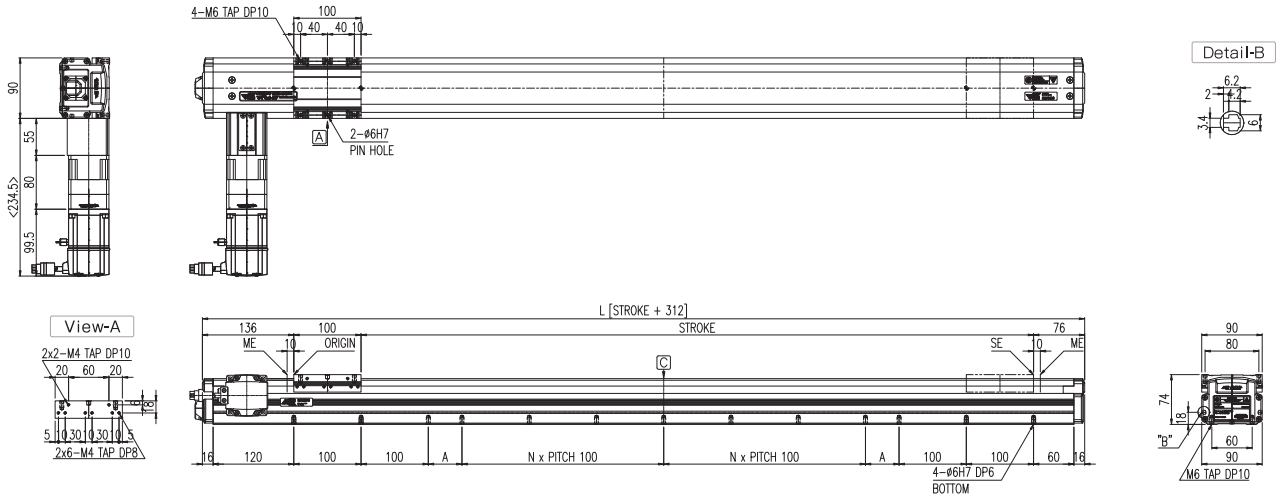
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR090-SR1/2-20N-R03
BR090-SR1 			BR090-SR2 
Rated Output		W	200W, 3000 min⁻¹, R03
Max. Speed	Note1	mm/s	1250
Max. Load	Note2	kg	25
Stroke Range		mm	200 ~ 1500
Repeatability		mm	±0.1
Drive Type		-	BELT

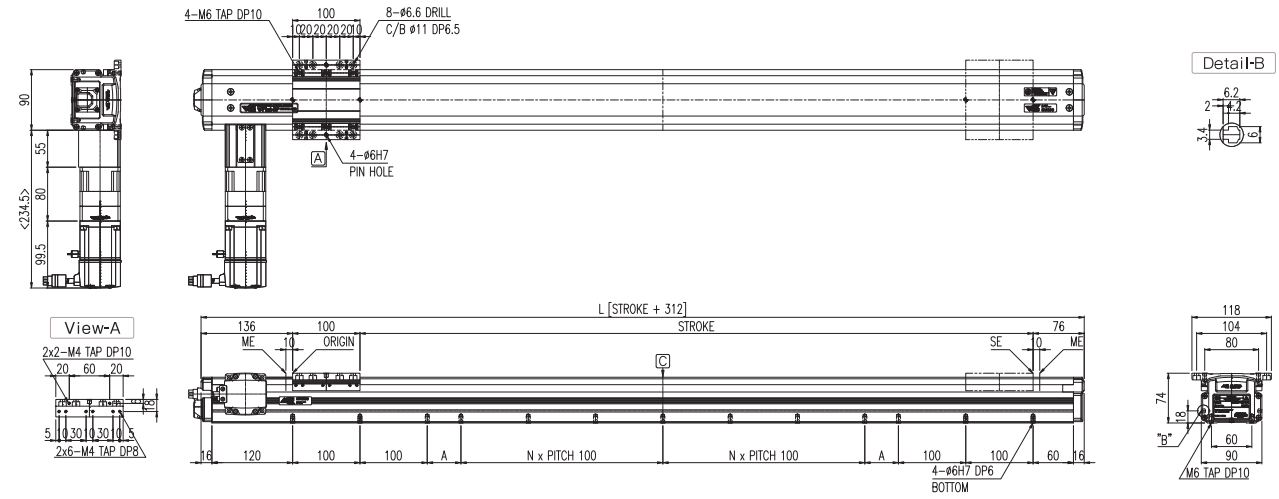
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	5	10	15	25
Note3 Allowable Overhang Distance - mm	Horizontal Use 	0°	450	255	165	91
		45°	450	232	150	83
		90°	450	450	450	445
	Note4 Wall Installation Use 	0°	450	450	450	450
		45°	450	240	155	87
		90°	450	268	173	97
	Note5 Vertical Use 	0°	450	245	163	98
		45°	260	130	87	52
		90°	450	234	155	93
Note3	Estimated Condition		Max Speed : 1500 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR090-SR1

* All dimensions in mm



BR090-SR2



	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
Weight	SR1/2-20N-R03	kg	11.5	12.9	14.3	15.7	17.2	19.3					0.71
Speed	SR1/2-20N-R03	mm/s	1250										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75, and 100.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

SPEC | ARM SERIES | AR SERIES | AG SERIES | AD SERIES | BR SERIES | BG SERIES | DAR SERIES | DBR SERIES | RS SERIES | MR SERIES | ADR SERIES | Technology Material

Model	BR090-SL	BR090-SR	BR090-PL	BR090-PR	BR090-BL	BR090-BR	BR090-UL	BR090-UR

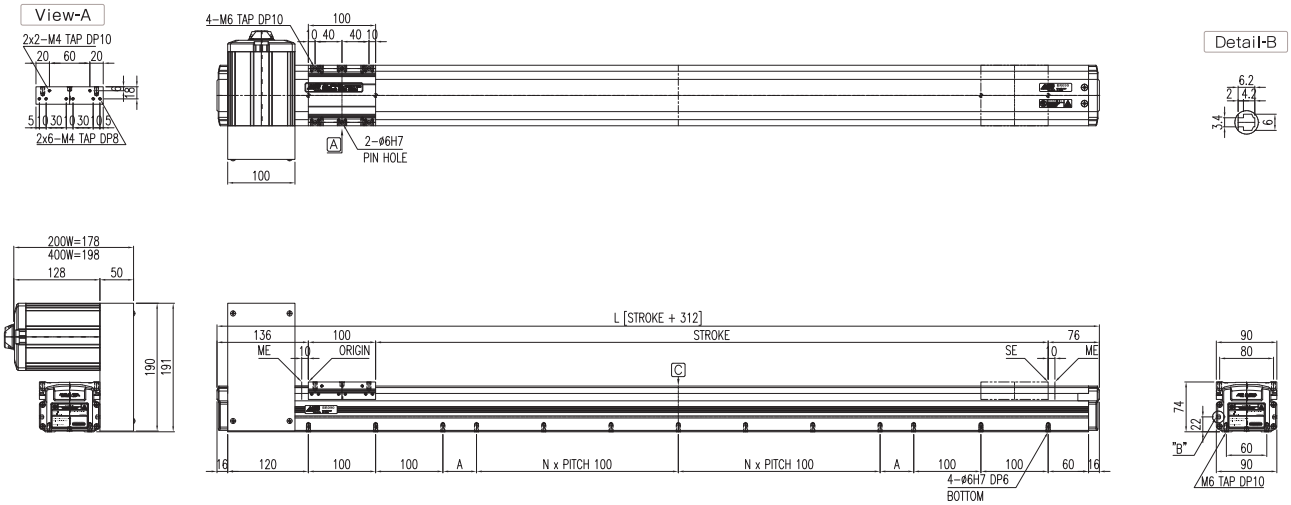
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR090-PL1/2-20N/40N	
BR090-PL1			BR090-PL2	
Rated Output		W	200W, 3000 min^{-1}	400W, 3000 min^{-1}
Max. Speed	Note1	mm/s	1500	
Max. Load	Note2	kg	16	25
Stroke Range		mm	200 ~ 1500	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

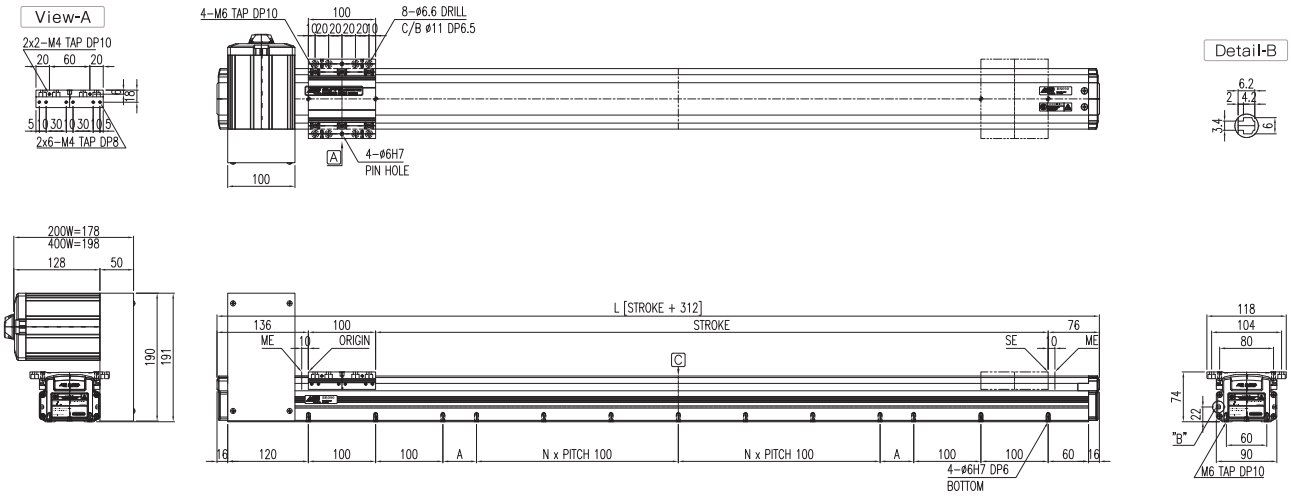
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	5	10	15	25
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	450	255	165	91
		45°	450	232	150	83
		90°	450	450	450	445
	Note4 Wall Installation Use	0°	450	450	450	450
		45°	450	240	155	87
		90°	450	268	173	97
	Note5 Vertical Use	0°	450	245	163	98
		45°	260	130	87	52
		90°	450	234	155	93
Note3 Estimated Condition			Max Speed : 1500 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR090-PL1

* All dimensions in mm



BR090-PL2



Weight	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
	PL1/2-20N	kg	11.5	13.0	14.4	15.8	17.2	19.4					0.71
	PL1/2-40N	kg	12.1	13.5	14.9	16.4	17.8	19.9					

Speed	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
	PL1/2-20N/40N	mm/s	1500										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75, and 100.

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR090-SL	BR090-SR	BR090-PL	BR090-PR	BR090-BL	BR090-BR	BR090-UL	BR090-UR

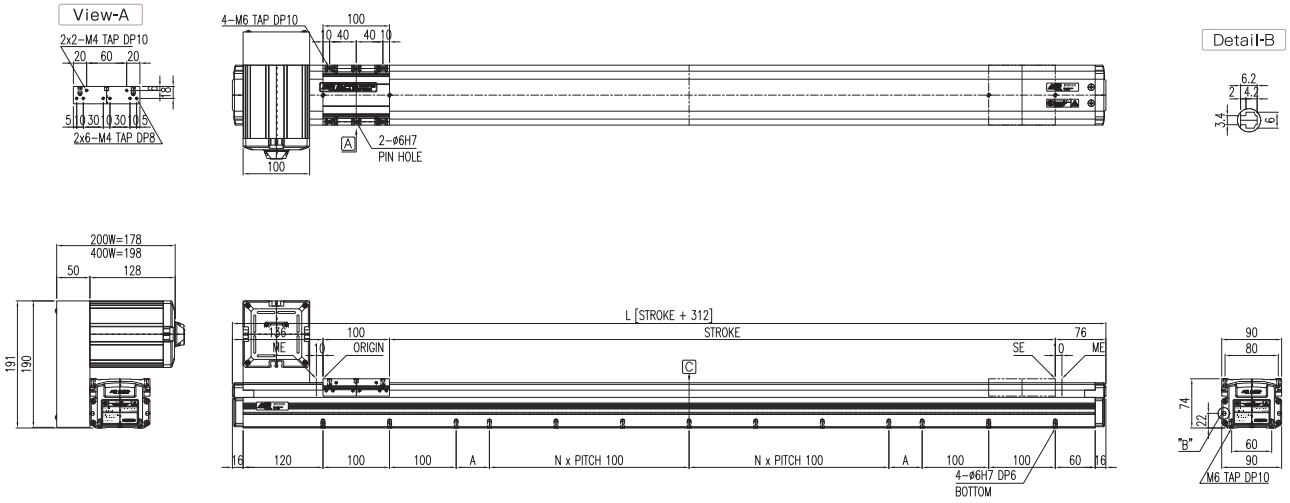
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR090-PR1/2-20N/40N	
BR090-PR1 			BR090-PR2 	
Rated Output		W	200W, 3000 min^{-1}	400W, 3000 min^{-1}
Max. Speed	Note1	mm/s	1500	
Max. Load	Note2	kg	16	25
Stroke Range		mm	200 ~ 1500	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

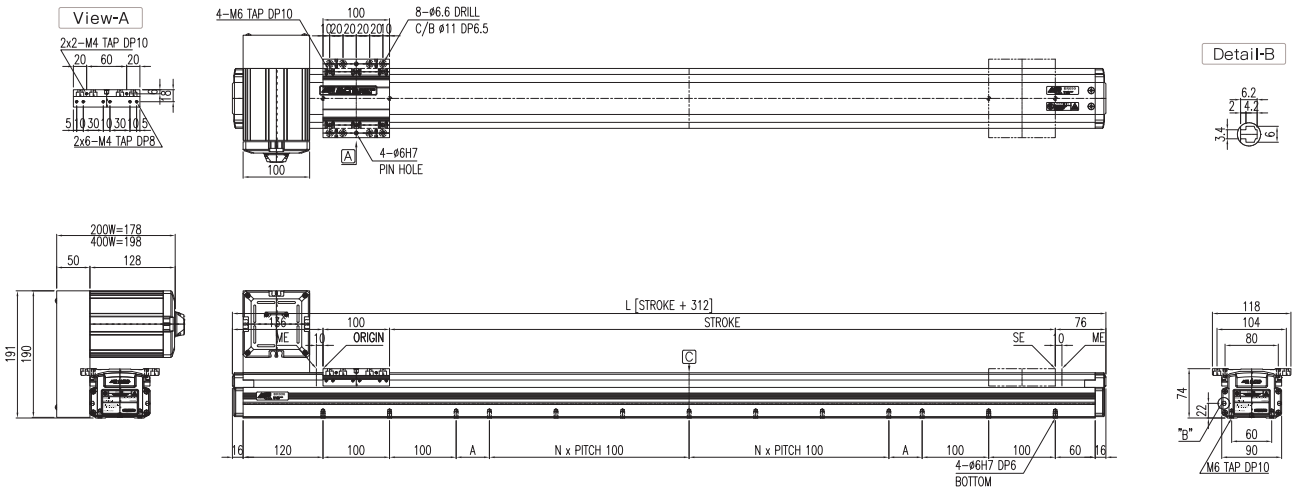
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	5	10	15	25
Allowable Overhang Distance - mm (Note3)	Note3 Horizontal Use 	0°	450	255	165	91
		45°	450	232	150	83
		90°	450	450	450	445
	Note4 Wall Installation Use 	0°	450	450	450	450
		45°	450	240	155	87
		90°	450	268	173	97
	Note5 Vertical Use 	0°	450	245	163	98
		45°	260	130	87	52
		90°	450	234	155	93
Note3	Estimated Condition		Max Speed : 1500 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR090-PR1

* All dimensions in mm



BR090-PR2



Weight	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
	PR1/2-20N	kg	11.5	13.0	14.4	15.8	17.2	19.4					0.71
	PR1/2-40N	kg	12.1	13.5	14.9	16.4	17.8	19.9					

Speed	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
	PR1/2-20N/40N	mm/s	1500										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75, and 100.

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR090-SL	BR090-SR	BR090-PL	BR090-PR	BR090-BL	BR090-BR	BR090-UL	BR090-UR

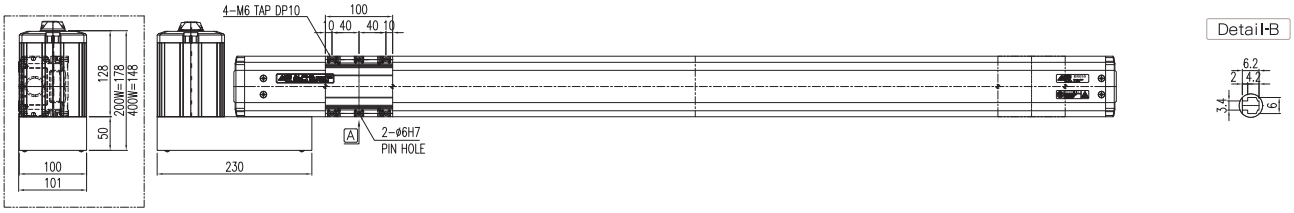
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

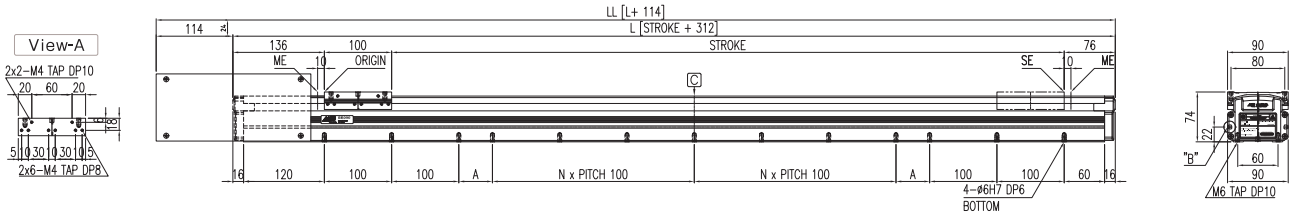
Specification		Unit	BR090-BL1/2-20N/40N	
BR090-BL1 			BR090-BL2 	
Rated Output		W	200W, 3000 min^{-1}	400W, 3000 min^{-1}
Max. Speed	Note1	mm/s	1500	
Max. Load	Note2	kg	16	25
Stroke Range		mm	200 ~ 1500	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	5	10	15	25
Allowable Overhang Distance - mm	Note3 Horizontal Use 	0°	450	255	165	91
		45°	450	232	150	83
		90°	450	450	450	445
	Note4 Wall Installation Use 	0°	450	450	450	450
		45°	450	240	155	87
		90°	450	268	173	97
	Note5 Vertical Use 	0°	450	245	163	98
		45°	260	130	87	52
		90°	450	234	155	93
Note3	Estimated Condition		Max Speed : 1500 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

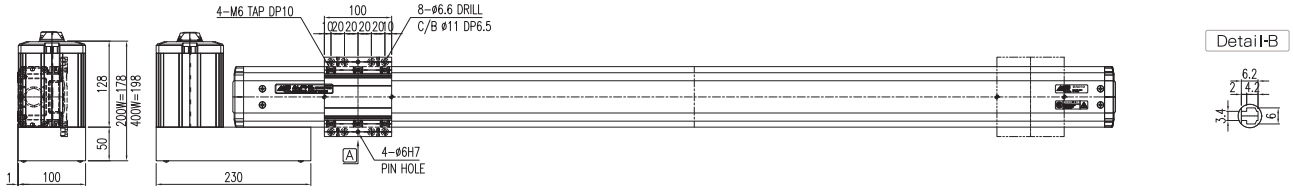
BR090-BL1

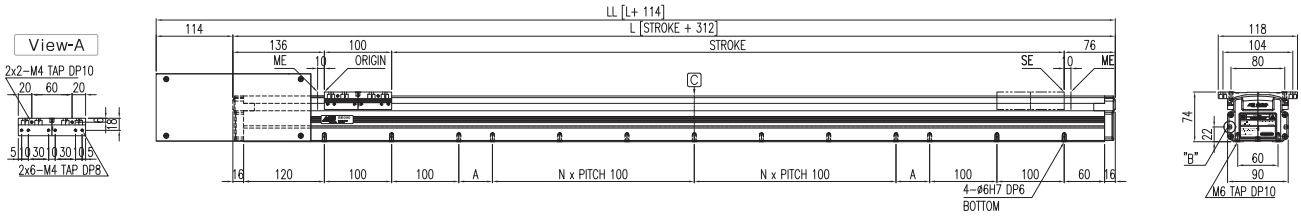
* All dimensions in mm





BR090-BL2





	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
Weight	BL1/2-20N	kg	11.5	13.0	14.4	15.8	17.2	19.4					0.71
	BL1/2-40N	kg	12.1	13.5	14.9	16.4	17.8	19.9					
Speed	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
	BL1/2-20N/40N	mm/s	1500										

⚠ CAUTION

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NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR090-SL	BR090-SR	BR090-PL	BR090-PR	BR090-BL	BR090-BR	BR090-UL	BR090-UR

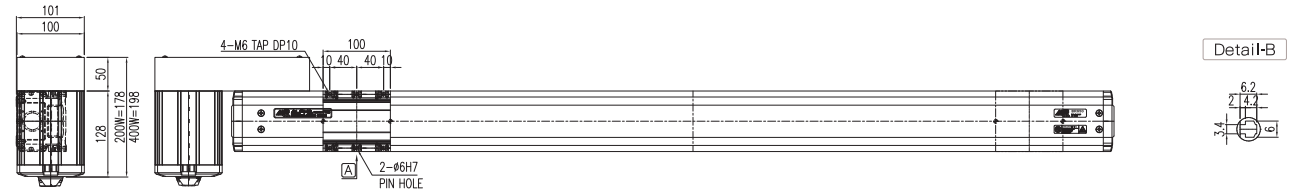
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

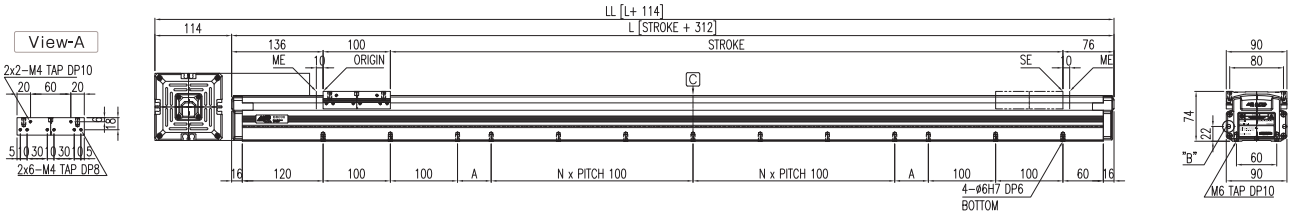
Specification		Unit	BR090-BR1/2-20N/40N	
BR090-BR1 			BR090-BR2 	
Rated Output		W	200W, 3000 min^{-1}	400W, 3000 min^{-1}
Max. Speed	Note1	mm/s	1500	
Max. Load	Note2	kg	16	25
Stroke Range		mm	200 ~ 1500	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	5	10	15	25
Note3 Allowable Overhang Distance - mm	Horizontal Use 	0°	450	255	165	91
		45°	450	232	150	83
		90°	450	450	450	445
	Note4 Wall Installation Use 	0°	450	450	450	450
		45°	450	240	155	87
		90°	450	268	173	97
	Note5 Vertical Use 	0°	450	245	163	98
		45°	260	130	87	52
		90°	450	234	155	93
Note3	Estimated Condition		Max Speed : 1500 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

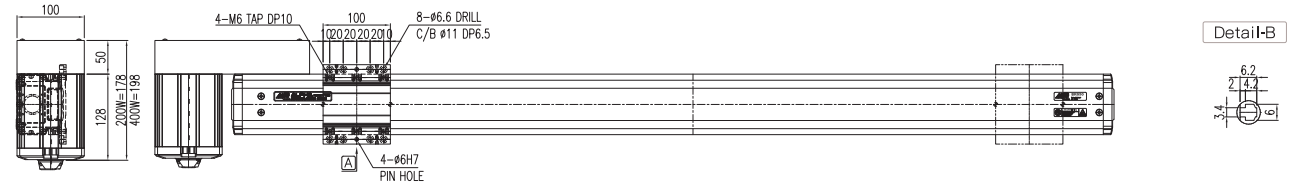
BR090-BR1

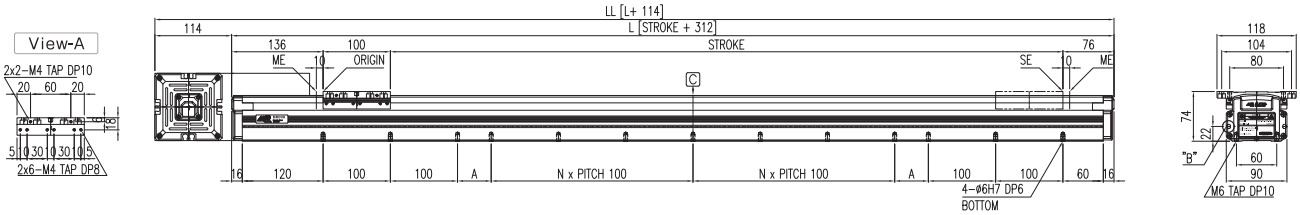
* All dimensions in mm





BR090-BR2





	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
Weight	BR1/2-20N	kg	11.5	13.0	14.4	15.8	17.2	19.4					0.71
	BR1/2-40N	kg	12.1	13.5	14.9	16.4	17.8	19.9					
Speed	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
	BR1/2-20N/40N	mm/s	1500										

⚠ CAUTION

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NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR090-SL	BR090-SR	BR090-PL	BR090-PR	BR090-BL	BR090-BR	BR090-UL	BR090-UR

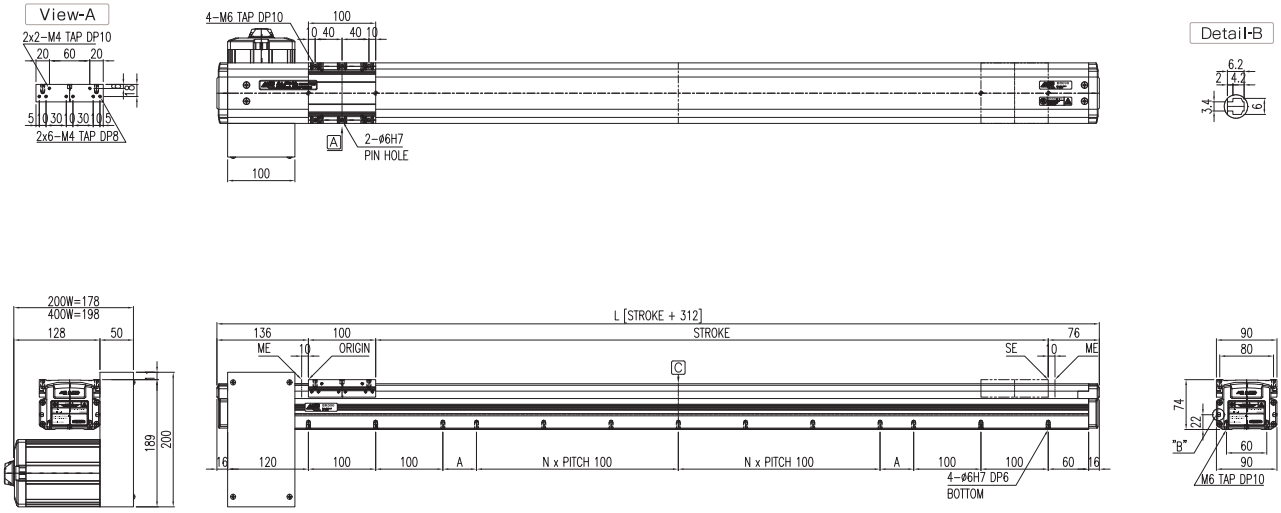
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR090-UL1/2-20N/40N	
BR090-UL1 			BR090-UL2 	
Rated Output		W	200W, 3000 min^{-1}	400W, 3000 min^{-1}
Max. Speed	Note1	mm/s	1500	
Max. Load	Note2	kg	16	25
Stroke Range		mm	200 ~ 1500	
Repeatability		mm	± 0.1	
Drive Type		-	BELT	

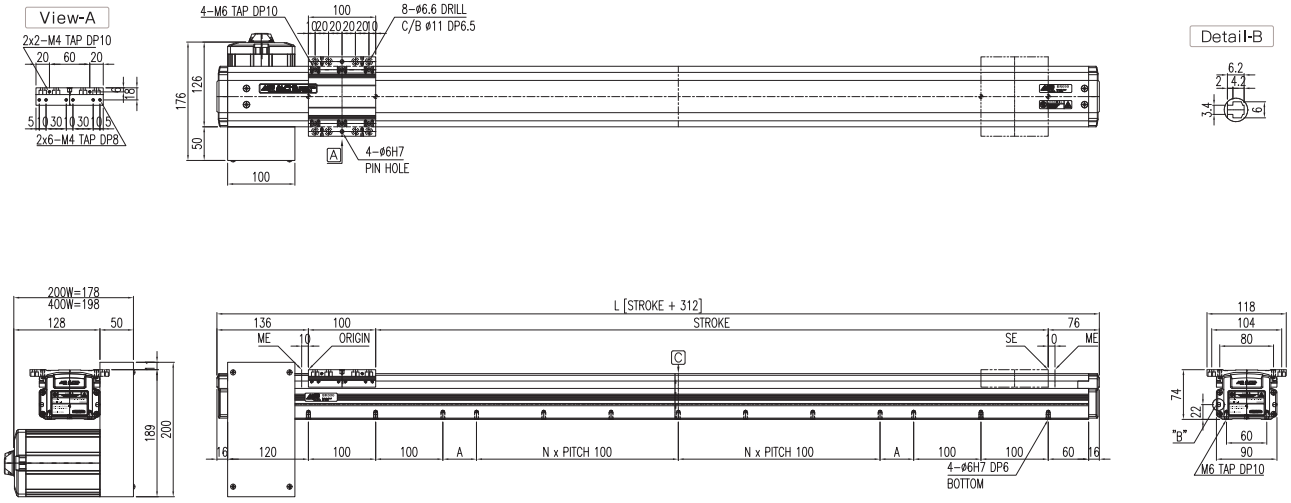
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	5	10	15	25
Allowable Overhang Distance - mm	Note3 Horizontal Use 	0°	450	255	165	91
		45°	450	232	150	83
		90°	450	450	450	445
	Note4 Wall Installation Use 	0°	450	450	450	450
		45°	450	240	155	87
		90°	450	268	173	97
	Note5 Vertical Use 	0°	450	245	163	98
		45°	260	130	87	52
		90°	450	234	155	93
Note3	Estimated Condition		Max Speed : 1500 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR090-UL1

* All dimensions in mm



BR090-UL2



	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
Weight	UL1/2-20N	kg	11.5	13.0	14.4	15.8	17.2	19.4					0.71
	UL1/2-40N	kg	12.1	13.5	14.9	16.4	17.8	19.9					
Speed	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
	UL1/2-20N/40N	mm/s	1500										

⚠ CAUTION

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NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR090-SL	BR090-SR	BR090-PL	BR090-PR	BR090-BL	BR090-BR	BR090-UL	BR090-UR

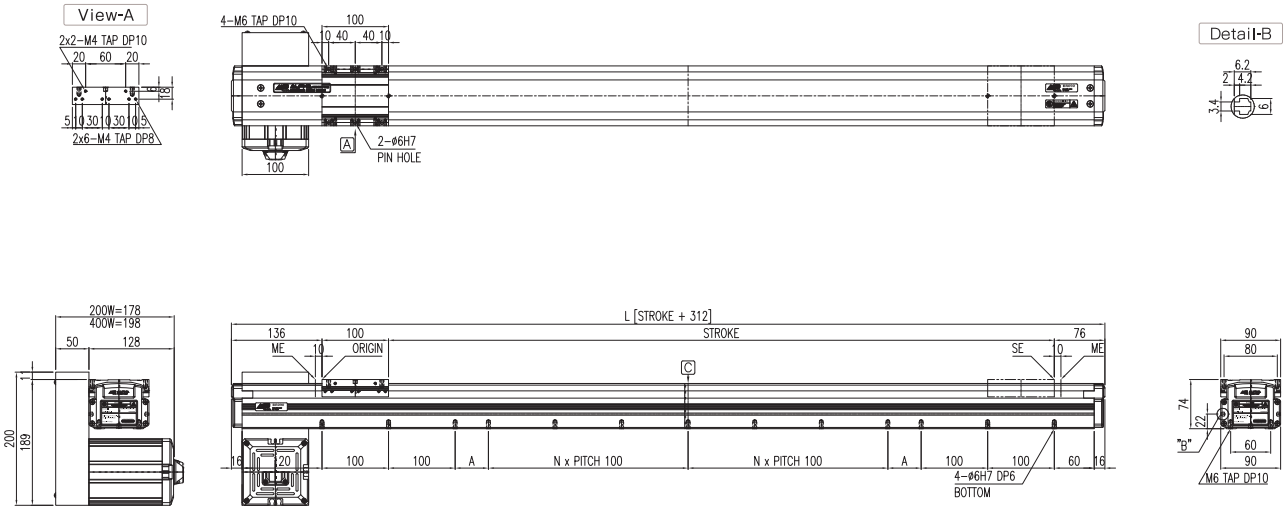
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR090-UR1/2-20N/40N	
BR090-UR1 			BR090-UR2 	
Rated Output		W	200W, 3000 min^{-1}	400W, 3000 min^{-1}
Max. Speed	Note1	mm/s	1500	
Max. Load	Note2	kg	16	25
Stroke Range		mm	200 ~ 1500	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

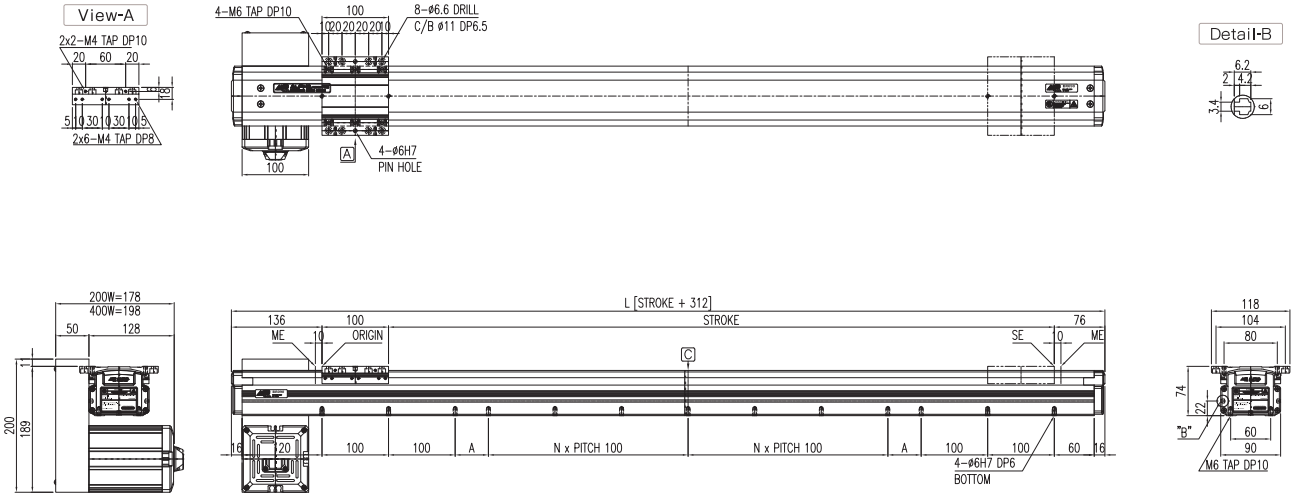
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	5	10	15	25
Allowable Overhang Distance - mm (Note3) Note3 Horizontal Use 		0°	450	255	165	91
		45°	450	232	150	83
		90°	450	450	450	445
Note4 Wall Installation Use 		0°	450	450	450	450
		45°	450	240	155	87
		90°	450	268	173	97
Note5 Vertical Use 		0°	450	245	163	98
		45°	260	130	87	52
		90°	450	234	155	93
Estimated Condition			Max Speed : 1500 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR090-UR1

* All dimensions in mm



BR090-UR2



Weight	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
	UR1/2-20N	kg	11.5	13.0	14.4	15.8	17.2	19.4					0.71
	UR1/2-40N	kg	12.1	13.5	14.9	16.4	17.8	19.9					

Speed	Model \ Stroke	Units	400	600	800	1000	1200	1500					Offset(100)
	UR1/2-20N/40N	mm/s	1500										

⚠ CAUTION

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NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR120-SL	BR120-SR	BR120-PL	BR120-PR	BR120-BL	BR0120-BR	BR120-UL	BR120-UR

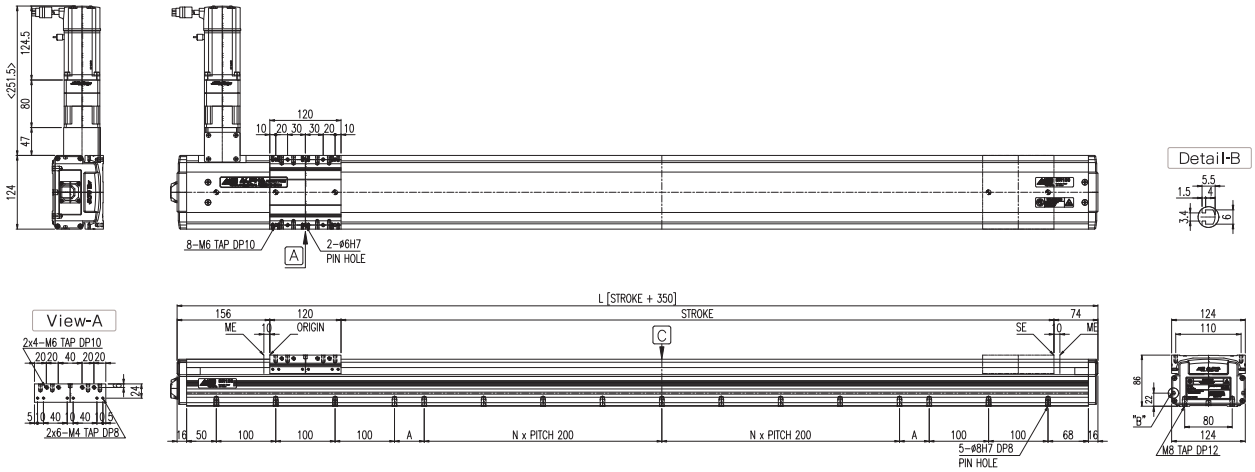
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR120-SL1/2-40N-R03/R04	
BR120-SL1 			BR120-SL2 	
Rated Output		W	400W, 3000 min^{-1}, R03	R04
Max. Speed	Note1	mm/s	1750	1300
Max. Load	Note2	kg	22	35
Stroke Range		mm	200 ~ 2000	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

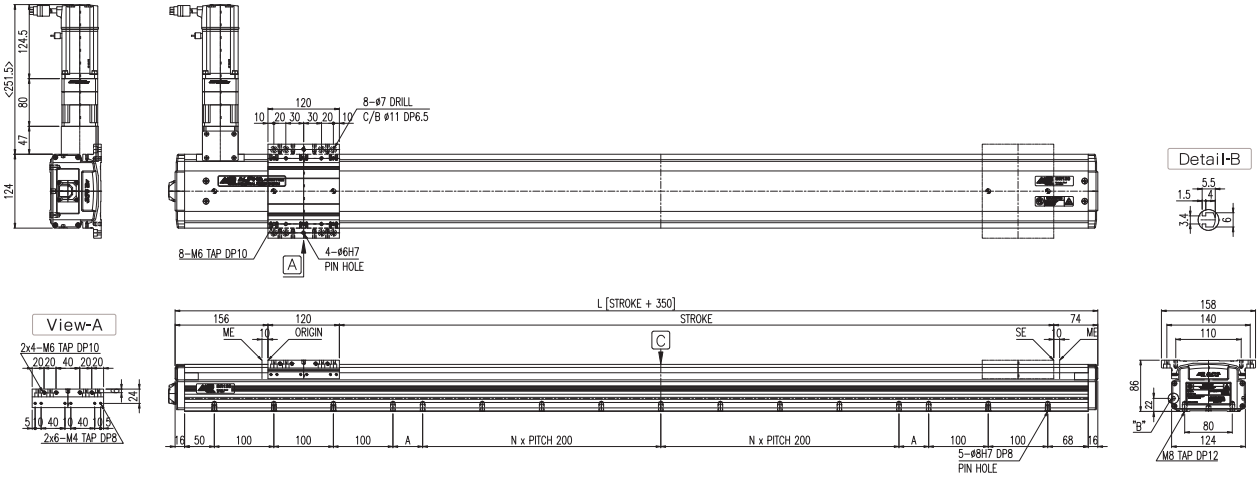
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	10	20	30	35
Allowable Overhang Distance - mm: Note3 Horizontal Use 		0°	700	650	425	360
		45°	700	744	486	413
		90°	700	700	700	700
Note4 Wall Installation Use 		0°	700	680	442	375
		45°	700	465	306	257
		90°	700	700	493	400
Note5 Vertical Use 		0°	700	700	475	405
		45°	700	462	306	267
		90°	700	700	470	400
Note3 Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)		
		Life in traveled distance : 30000 km				

BR120-SL1

* All dimensions in mm



BR120-SL2



	Model / Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
Weight	120-SL1/2-40N-R03/R04	kg	13.3	15.4	17.5	19.6	21.7	23.8	25.9	28.0	30.1	32.2	1.05
Speed	120-SL1/2-40N-R03/R04	mm/s	1750										
	120-SL1/2-40N-R03/R04	mm/s	1300										

⚠ CAUTION

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Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

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NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR120-SL	BR120-SR	BR120-PL	BR120-PR	BR120-BL	BR0120-BR	BR120-UL	BR120-UR

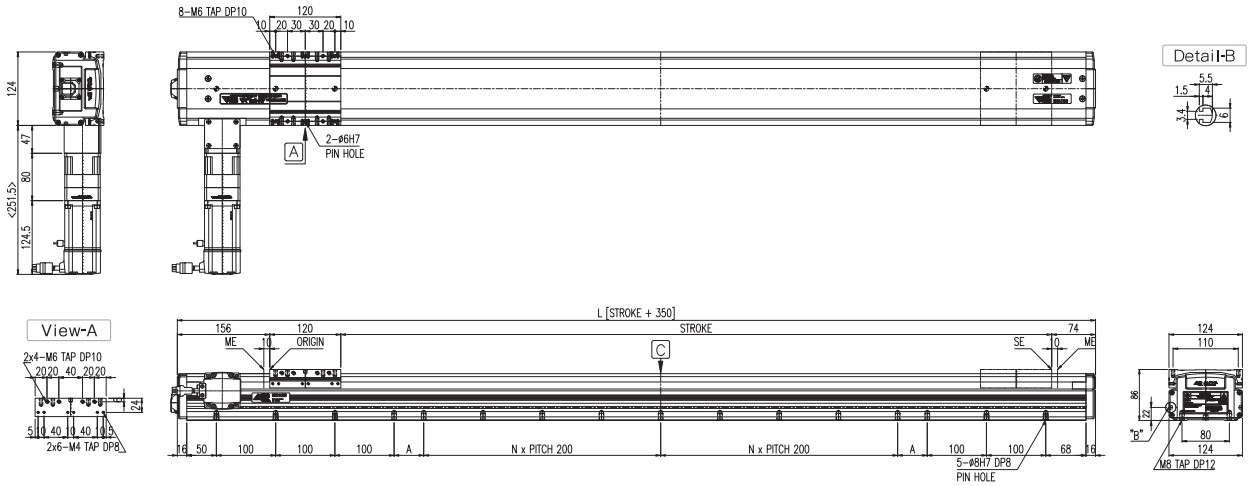
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR120-SR1/2-40N-R03/R04	
BR120-SR1			BR120-SR2	
Rated Output		W	400W, 3000 min^{-1}, R03	R04
Max. Speed	Note1	mm/s	1750	1300
Max. Load	Note2	kg	22	35
Stroke Range		mm	200 ~ 2000	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

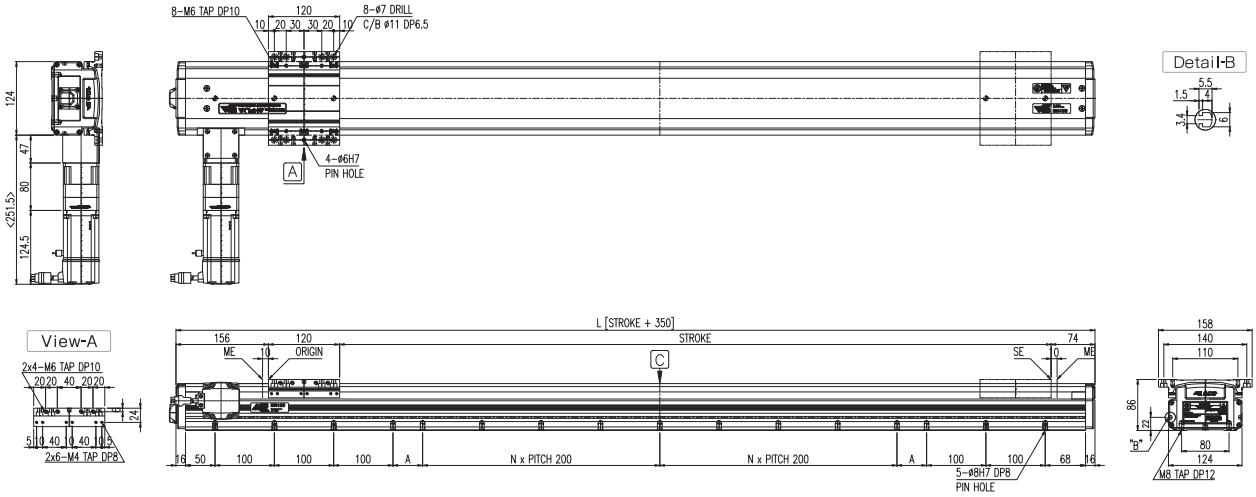
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	10	20	30	35
Note3 Allowable Overhang Distance - mm	Horizontal Use	0°	700	650	425	360
		45°	700	744	486	413
		90°	700	700	700	700
	Wall Installation Use	0°	700	680	442	375
		45°	700	465	306	257
		90°	700	700	493	400
	Vertical Use	0°	700	700	475	405
		45°	700	462	306	267
		90°	700	700	470	400
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR120-SR1

* All dimensions in mm



BR120-SR2



Weight	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
	SR1/2-40N-R03/R04	kg	13.3	15.4	17.5	19.6	21.7	23.8	25.9	28.0	30.1	32.2	1.05

Speed	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
	SR1/2-40N-R03/R04	mm/s	1750										
	SR1/2-40N-R03/R04	mm/s	1300										

⚠ CAUTION

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Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

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NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR120-SL	BR120-SR	**BR120-PL**	BR120-PR	BR120-BL	BR0120-BR	BR120-UL	BR120-UR

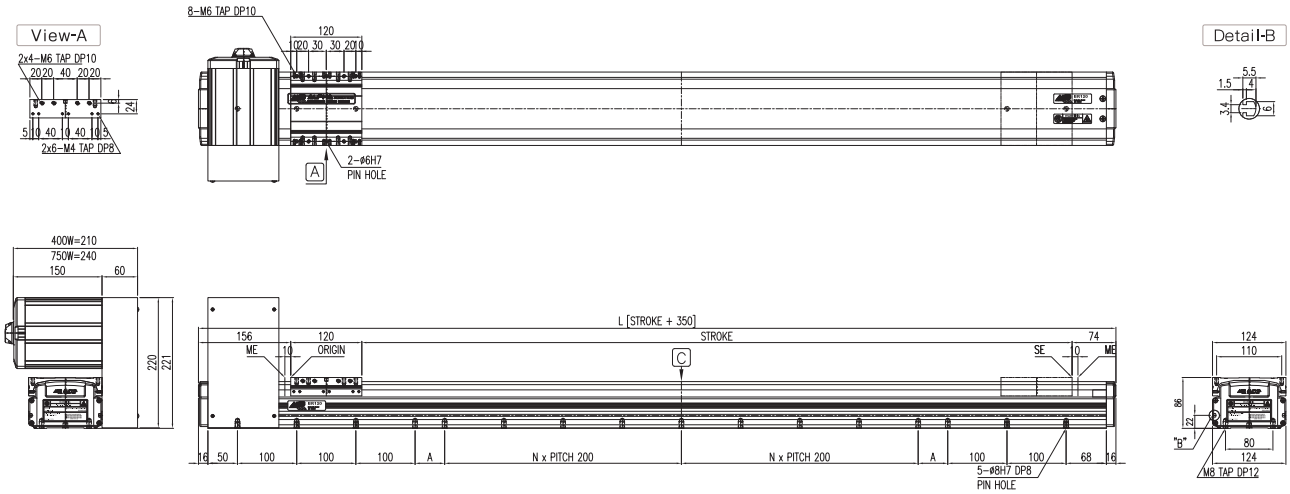
Specification		Unit	BR120-PL1/2-40N/75N	
BR120-PL1 			BR120-PL2 	
Rated Output		W	400W, 3000 min^{-1}	750W, 3000 min^{-1}
Max. Speed	Note1	mm/s	2000	
Max. Load	Note2	kg	12	35
Stroke Range		mm	200 ~ 2000	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

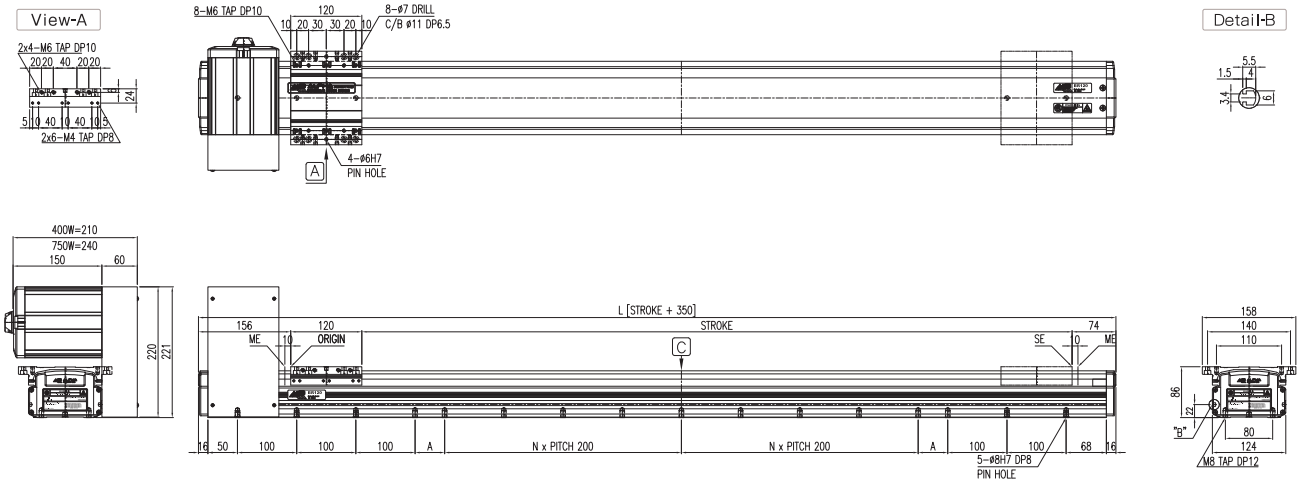
Specification			Unit	Data			
Acceleration			G	0.3			
Load			kg	10	20	30	35
Allowable Overhang Distance - mm	Note3 Horizontal Use		0°	700	650	425	360
			45°	700	744	486	413
			90°	700	700	700	700
	Note4 Wall Installation Use		0°	700	680	442	375
			45°	700	465	306	257
			90°	700	700	493	400
	Note5 Vertical Use		0°	700	700	475	405
			45°	700	462	306	267
			90°	700	700	470	400
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)		
			Life in traveled distance : 30000 km				

BR120-PL1

* All dimensions in mm



BR120-PL2



	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
Weight	PL1/2-40N	kg	14.5	16.6	18.7	20.8	22.9	25.0	27.1	29.2	31.3	33.4	1.05
	PL1/2-75N	kg	15.9	18.0	20.1	22.2	24.3	26.4	28.5	30.6	32.7	34.8	1.05
Speed	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
	PL1/2-40N/75N	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75, and 100.

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR120-SL	BR120-SR	BR120-PL	BR120-PR	BR120-BL	BR0120-BR	BR120-UL	BR120-UR

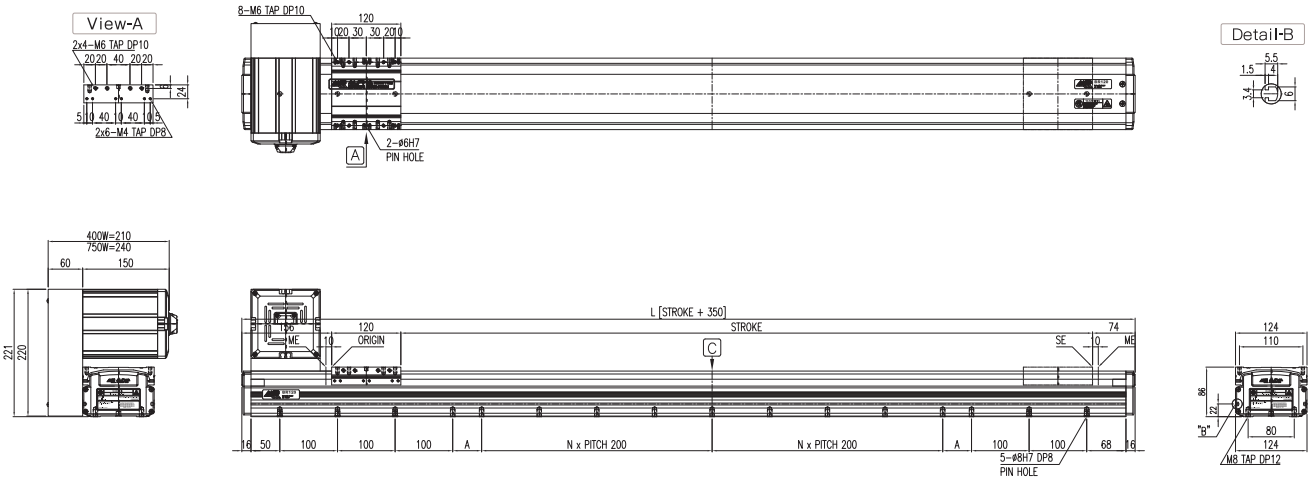
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR120-PR1/2-40N/75N	
BR120-PR1 			BR120-PR2 	
Rated Output		W	400W, 3000 min^{-1}	750W, 3000 min^{-1}
Max. Speed	Note1	mm/s	2000	
Max. Load	Note2	kg	12	35
Stroke Range		mm	200 ~ 2000	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

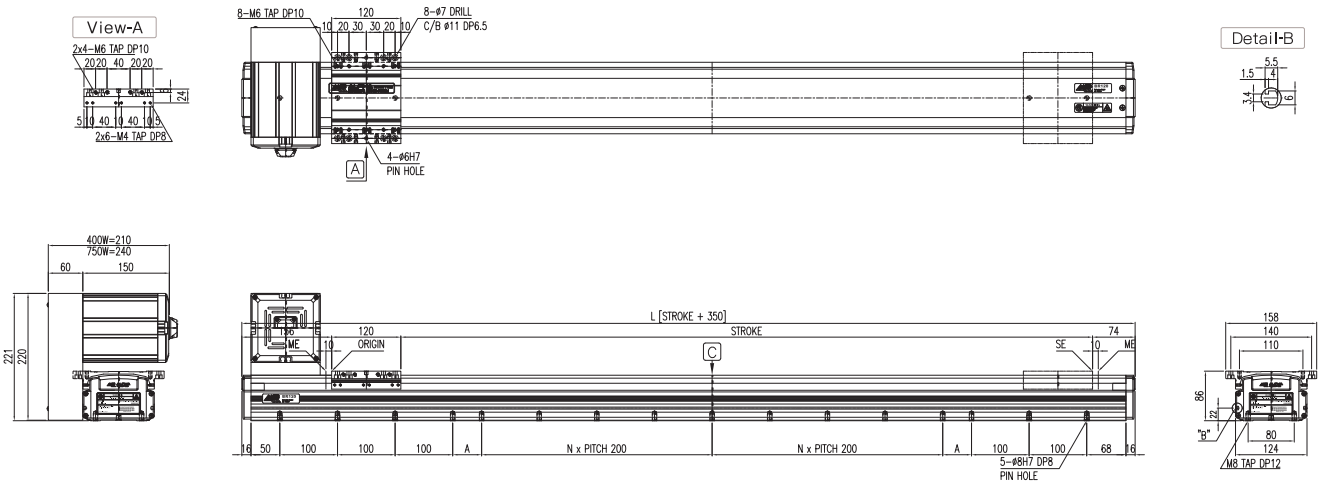
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	10	20	30	35
Note3 Allowable Overhang Distance - mm	Horizontal Use 	0°	700	650	425	360
		45°	700	744	486	413
		90°	700	700	700	700
	Note4 Wall Installation Use 	0°	700	680	442	375
		45°	700	465	306	257
		90°	700	700	493	400
	Note5 Vertical Use 	0°	700	700	475	405
		45°	700	462	306	267
		90°	700	700	470	400
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR120-PR1

* All dimensions in mm



BR120-PR2



	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
Weight	PR1/2-40N	kg	14.5	16.6	18.7	20.8	22.9	25.0	27.1	29.2	31.3	33.4	1.05
	PR1/2-75N	kg	15.9	18.0	20.1	22.2	24.3	26.4	28.5	30.6	32.7	34.8	1.05
Speed	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
	PR1/2-40N/75N	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75, and 100.

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

SPEC
ARM SERIES
AR SERIES
AG SERIES
AD SERIES
BR SERIES
BG SERIES
DAR SERIES
DBR SERIES
RS SERIES
MR SERIES
ADR SERIES
Technology Material

Model	BR120-SL	BR120-SR	BR120-PL	BR120-PR	BR120-BL	BR0120-BR	BR120-UL	BR120-UR

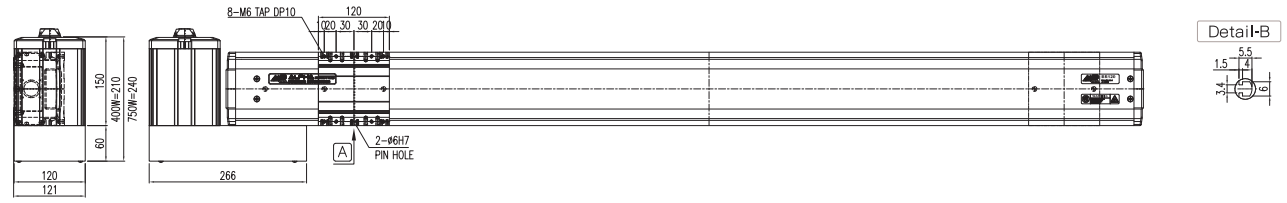
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

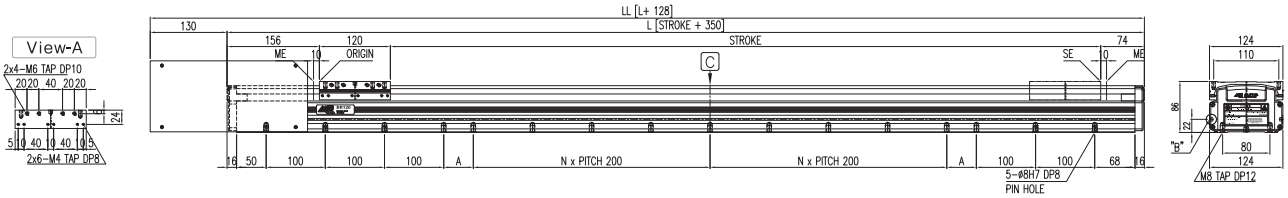
Specification		Unit	BR120-BL1/2-40N/75N	
BR120-BL1			BR120-BL2	
Rated Output		W	400W, 3000 min^{-1}	750W, 3000 min^{-1}
Max. Speed	Note1	mm/s	2000	
Max. Load	Note2	kg	12	35
Stroke Range		mm	200 ~ 2000	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

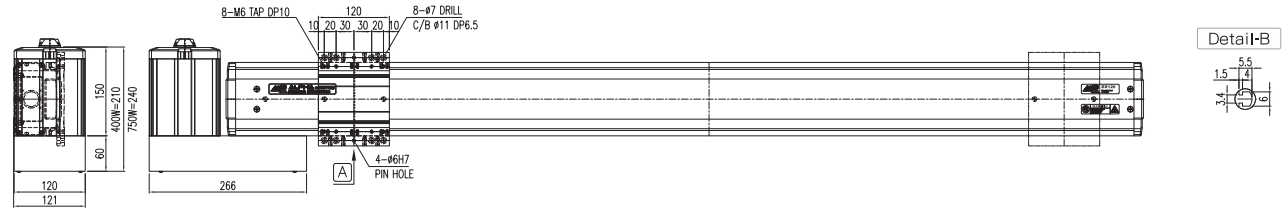
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	10	20	30	35
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	700	650	425	360
		45°	700	700	486	413
		90°	700	700	700	700
	Note4 Wall Installation Use	0°	700	680	442	375
		45°	700	465	306	257
		90°	700	700	493	400
	Note5 Vertical Use	0°	700	700	475	405
		45°	700	462	306	267
		90°	700	700	470	400
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

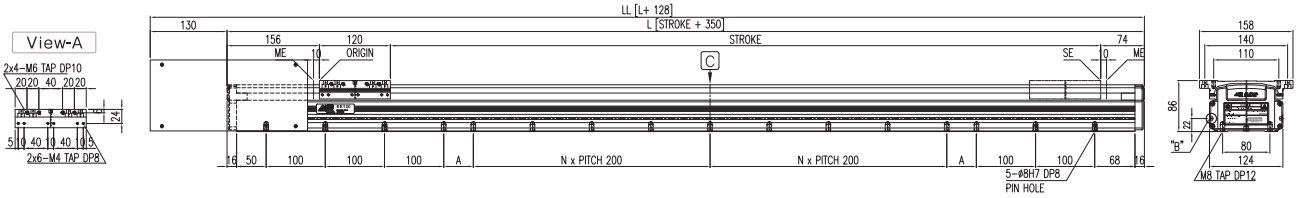
BR120-BL1

* All dimensions in mm









Weight	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
	BL1/2-40N	kg	14.5	16.6	18.7	20.8	22.9	25.0	27.1	29.2	31.3	33.4	1.05
	BL1/2-75N	kg	15.9	18.0	20.1	22.2	24.3	26.4	28.5	30.6	32.7	34.8	1.05

Speed	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
	BL1/2-40N/75N	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75, and 100.

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR120-SL	BR120-SR	BR120-PL	BR120-PR	BR120-BL	BR0120-BR	BR120-UL	BR120-UR

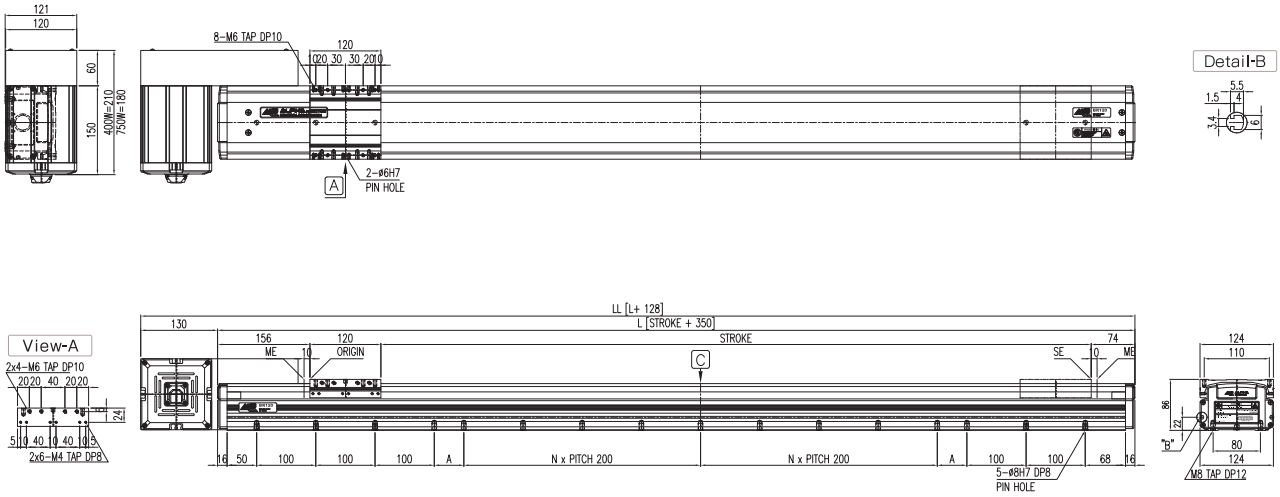
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR120-BR1/2-40N/75N	
BR120-BR1 			BR120-BR2 	
Rated Output		W	400W, 3000 min^{-1}	750W, 3000 min^{-1}
Max. Speed	Note1	mm/s	2000	
Max. Load	Note2	kg	12	35
Stroke Range		mm	200 ~ 2000	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

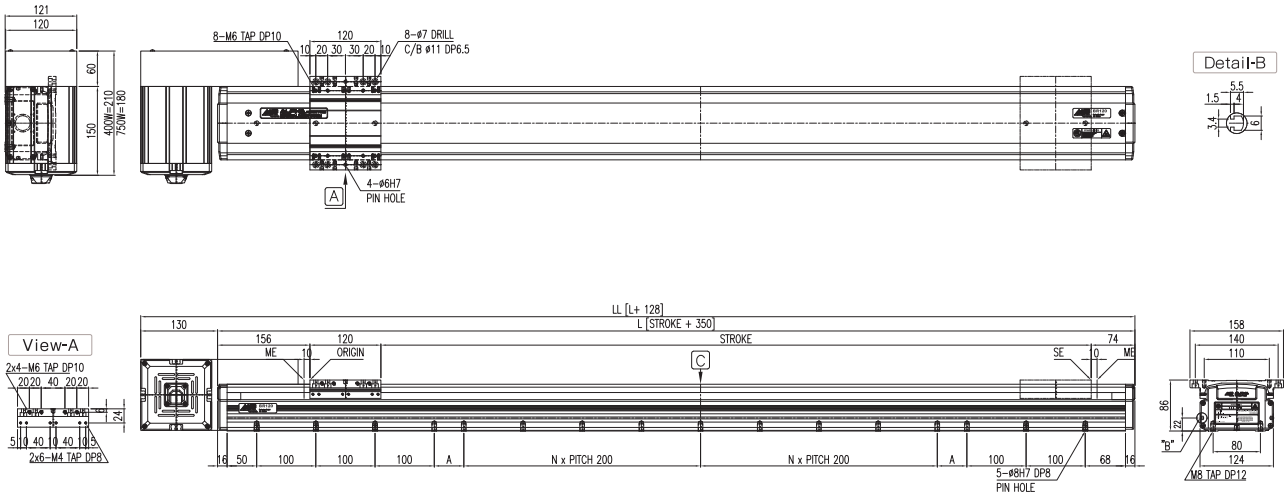
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	10	20	30	35
Allowable Overhang Distance - mm (Note3)	Note3 Horizontal Use 	0°	700	650	425	360
		45°	700	700	486	413
		90°	700	700	700	700
	Note4 Wall Installation Use 	0°	700	680	442	375
		45°	700	465	306	257
		90°	700	700	493	400
	Note5 Vertical Use 	0°	700	700	475	405
		45°	700	462	306	267
		90°	700	700	470	400
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR120-BR1

* All dimensions in mm



BR120-BR2



Weight	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
	BR1/2-40N	kg	14.5	16.6	18.7	20.8	22.9	25.0	27.1	29.2	31.3	33.4	1.05
	BR1/2-75N	kg	15.9	18.0	20.1	22.2	24.3	26.4	28.5	30.6	32.7	34.8	1.05

Speed	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
	BR1/2-40N/75N	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75, and 100.

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
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NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

SPEC
ARM SERIES
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BR SERIES
BG SERIES
DAR SERIES
DBR SERIES
RS SERIES
MR SERIES
ADR SERIES
Technology Material

Model	BR120-SL	BR120-SR	BR120-PL	BR120-PR	BR120-BL	BR0120-BR	BR120-UL	BR120-UR

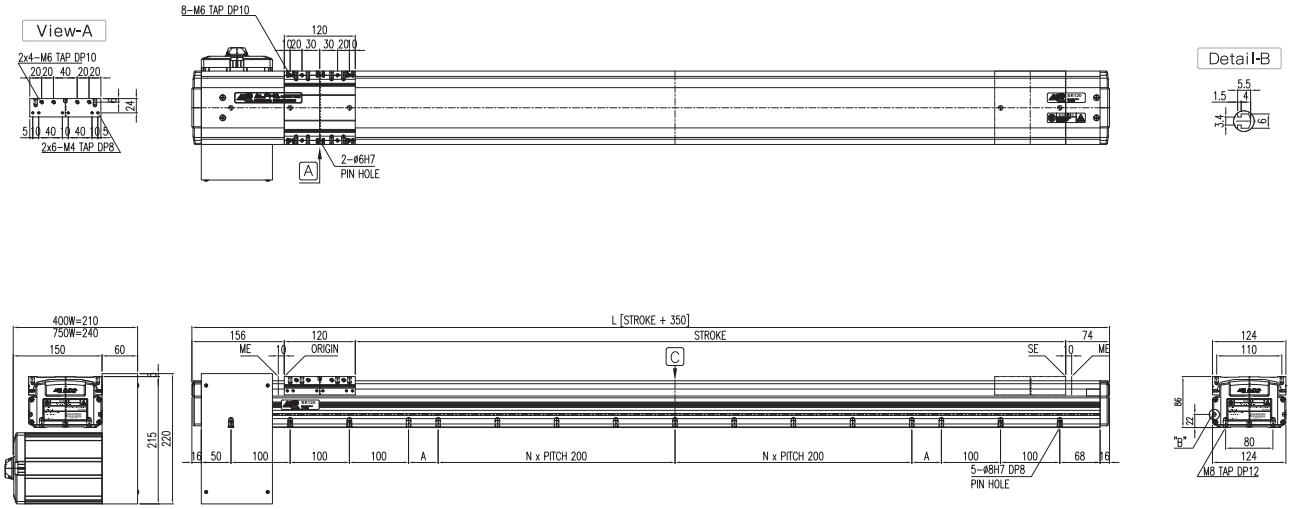
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR120-UL1/2-40N/75N	
BR120-UL1 			BR120-UL2 	
Rated Output		W	400W, 3000 min^{-1}	750W, 3000 min^{-1}
Max. Speed	Note1	mm/s	2000	
Max. Load	Note2	kg	12	35
Stroke Range		mm	200 ~ 2000	
Repeatability		mm	± 0.1	
Drive Type		-	BELT	

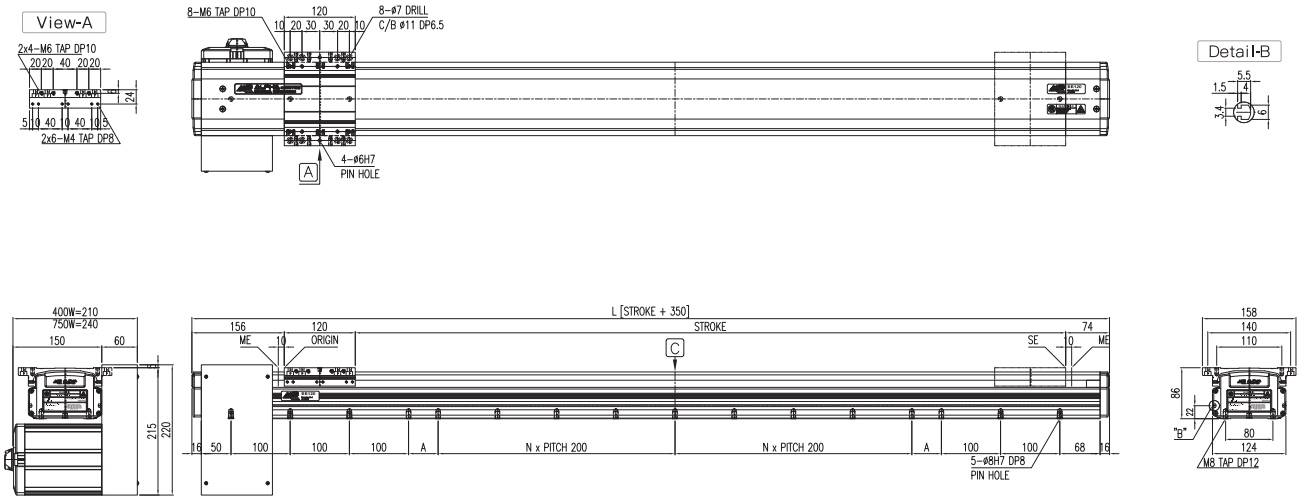
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	10	20	30	35
Allowable Overhang Distance - mm: Note3 Horizontal Use 		0°	700	650	425	360
		45°	700	700	486	413
		90°	700	700	700	700
Note4 Wall Installation Use 		0°	700	680	442	375
		45°	700	465	306	257
		90°	700	700	493	400
Note5 Vertical Use 		0°	700	700	475	405
		45°	700	462	306	267
		90°	700	700	470	400
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR120-UL1

* All dimensions in mm



BR120-UL2



	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
Weight	UL1/2-40N	kg	14.5	16.6	18.7	20.8	22.9	25.0	27.1	29.2	31.3	33.4	1.05
	UL1/2-75N	kg	15.9	18.0	20.1	22.2	24.3	26.4	28.5	30.6	32.7	34.8	1.05
Speed	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
	UL1/2-40N/75N	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75, and 100.

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR120-SL	BR120-SR	BR120-PL	BR120-PR	BR120-BL	BR0120-BR	BR120-UL	BR120-UR

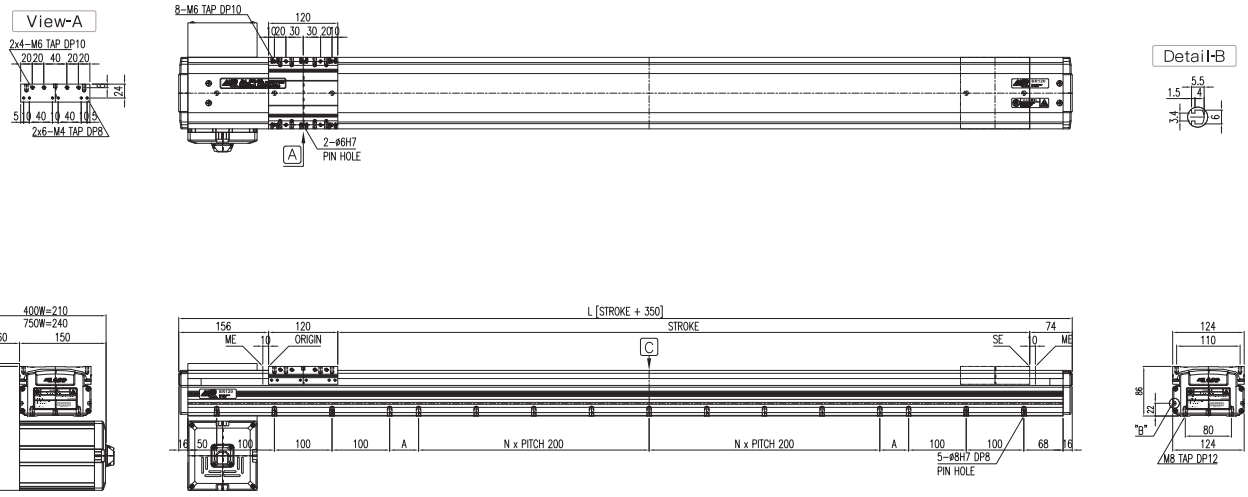
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR120-UR1/2-40N/75N	
BR120-UR1 			BR120-UR2 	
Rated Output		W	400W, 3000 min⁻¹	750W, 3000 min⁻¹
Max. Speed	Note1	mm/s	2000	
Max. Load	Note2	kg	12	35
Stroke Range		mm	200 ~ 2000	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

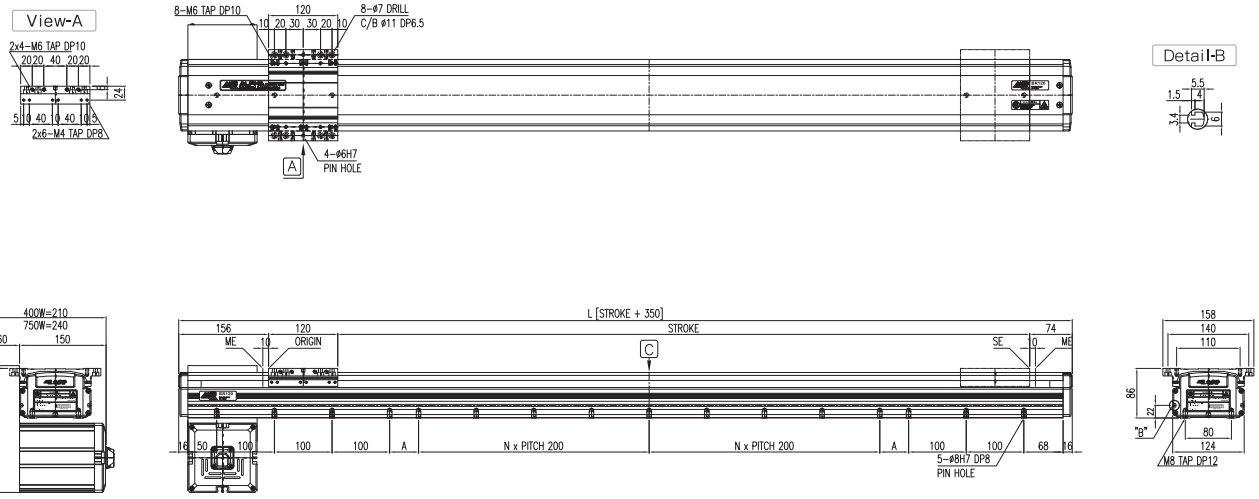
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	10	20	30	35
Note3 Allowable Overhang Distance - mm	Horizontal Use 	0°	700	650	425	360
		45°	700	700	486	413
		90°	700	700	700	700
	Note4 Wall Installation Use 	0°	700	680	442	375
		45°	700	465	306	257
		90°	700	700	493	400
	Note5 Vertical Use 	0°	700	700	475	405
		45°	700	462	306	267
		90°	700	700	470	400
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR120-UR1

* All dimensions in mm



BR120-UR2



Weight	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
	UR1/2-40N	kg	14.5	16.6	18.7	20.8	22.9	25.0	27.1	29.2	31.3	33.4	1.05
	UR1/2-75N	kg	15.9	18.0	20.1	22.2	24.3	26.4	28.5	30.6	32.7	34.8	1.05

Speed	Model \ Stroke	Units	200	400	600	800	1000	1200	1400	1600	1800	2000	Offset(100)
	UR1/2-40N/75N	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75, and 100.

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR160-SL	BR160-SR	BR160-SL	BR160-SR	BR160-PL	BR160-PR	BR160-BL	BR160-BR	BR160-UL	BR160-UR

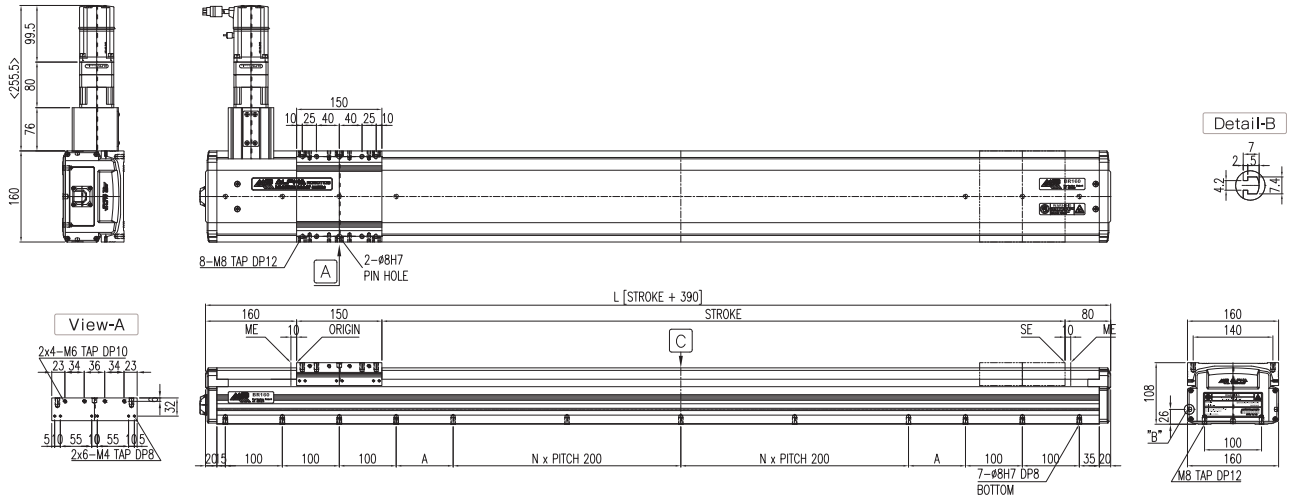
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR160-SL1/2-40N-R04/75N-R03	
BR160-SL1 			BR160-SL2 	
Rated Output		W	400W, 3000 min⁻¹, R04	750W, 3000 min⁻¹, R03
Max. Speed	Note1	mm/s	1300	1700
Max. Load	Note2	kg	40	40
Stroke Range		mm	200 ~ 2500	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

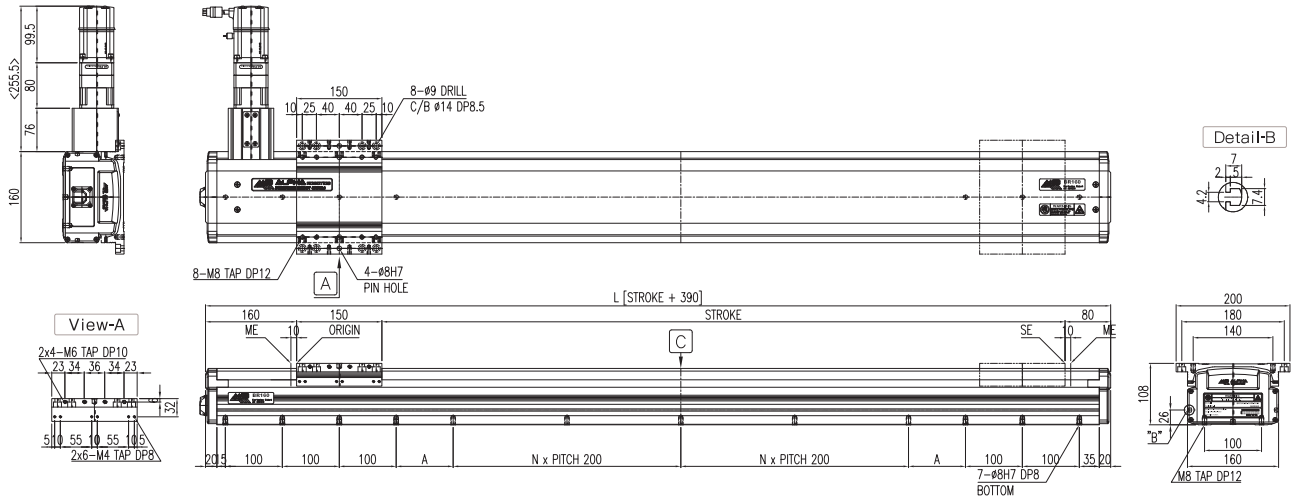
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	35	40
Allowable Overhang Distance - mm: Note3 Horizontal Use 		0°	800	780	664	575
		45°	800	800	768	666
		90°	800	800	800	800
Note4 Wall Installation Use 		0°	800	780	665	575
		45°	800	540	462	397
		90°	800	800	755	655
Note5 Vertical Use 		0°	800	800	700	615
		45°	793	533	455	403
		90°	800	800	700	610
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR160-SL1

* All dimensions in mm



BR160-SL2



	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
Weight	SL1/2-40N-R04/75N-R03	kg	29.9	33.3	36.6	39.9	43.2	46.5	49.9	53.2	56.5	58.2	1.66
Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	SL1/2-40N-R04/75N-R03	mm/s	1300										
	SL1/2-40N-R04/75N-R03	mm/s	1750										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR160-SL	BR160-SR	BR160-SL	BR160-SR	BR160-PL	BR160-PR	BR160-BL	BR160-BR	BR160-UL	BR160-UR

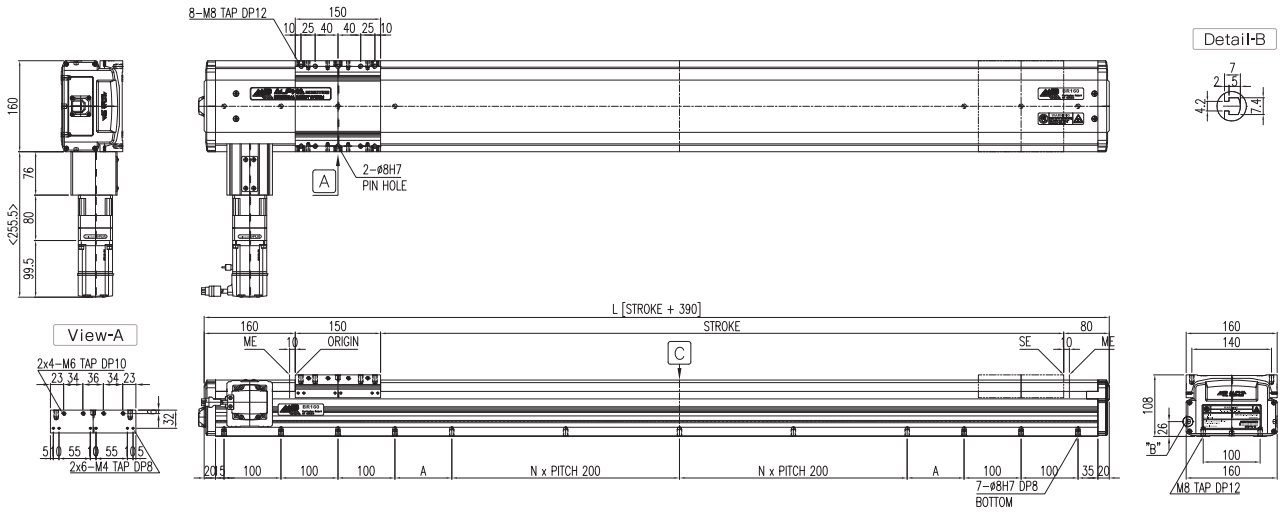
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR160-SR1/2-40N-R04	
BR160-SR1 			BR160-SR2 	
Rated Output		W	400W, 3000 min^{-1}, R04	750W, 3000 min^{-1}, R03
Max. Speed	Note1	mm/s	1300	1700
Max. Load	Note2	kg	40	40
Stroke Range		mm	200 ~ 2500	
Repeatability		mm	± 0.1	
Drive Type		-	BELT	

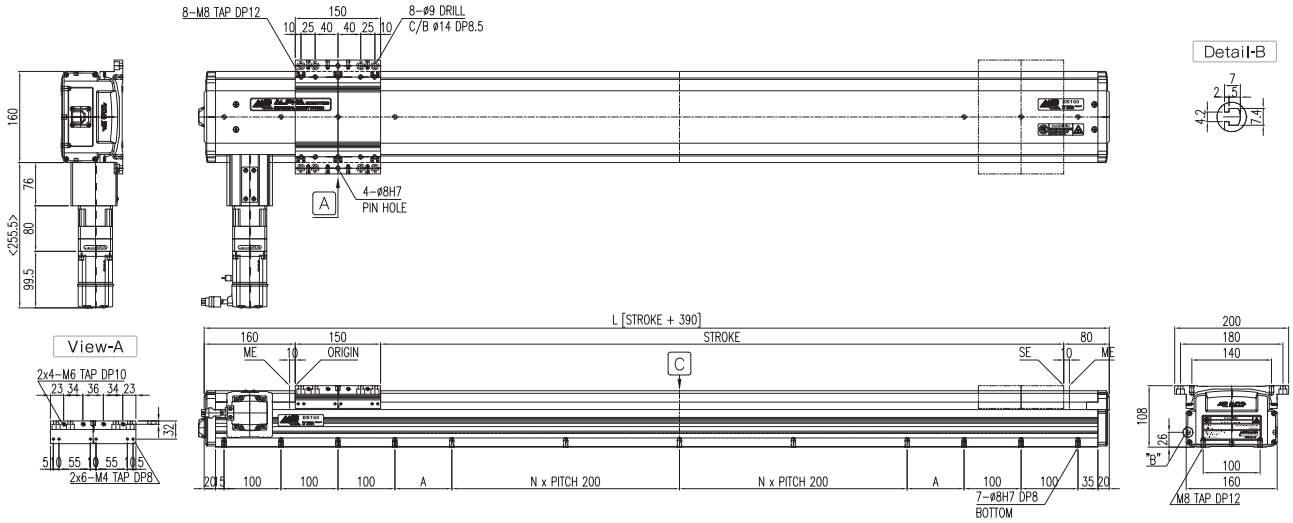
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	35	40
Allowable Overhang Distance - mm	Note3 Horizontal Use 	0°	800	780	664	575
		45°	800	800	768	666
		90°	800	800	800	800
	Note4 Wall Installation Use 	0°	800	780	665	575
		45°	800	540	462	397
		90°	800	800	755	655
	Note5 Vertical Use 	0°	800	800	700	615
		45°	793	533	455	403
		90°	800	800	700	610
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR160-SR1

* All dimensions in mm



BR160-SR2



Weight	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	SR1/2-40N-R04	kg	29.9	33.3	36.6	39.9	43.2	46.5	49.9	53.2	56.5	58.2	1.66

Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	SR1/2-40N-R04	mm/s	1300										
	SR1/2-40N-R04	mm/s	1750										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR160-SL	BR160-SR	BR160-SL	BR160-SR	BR160-PL	BR160-PR	BR160-BL	BR160-BR	BR160-UL	BR160-UR

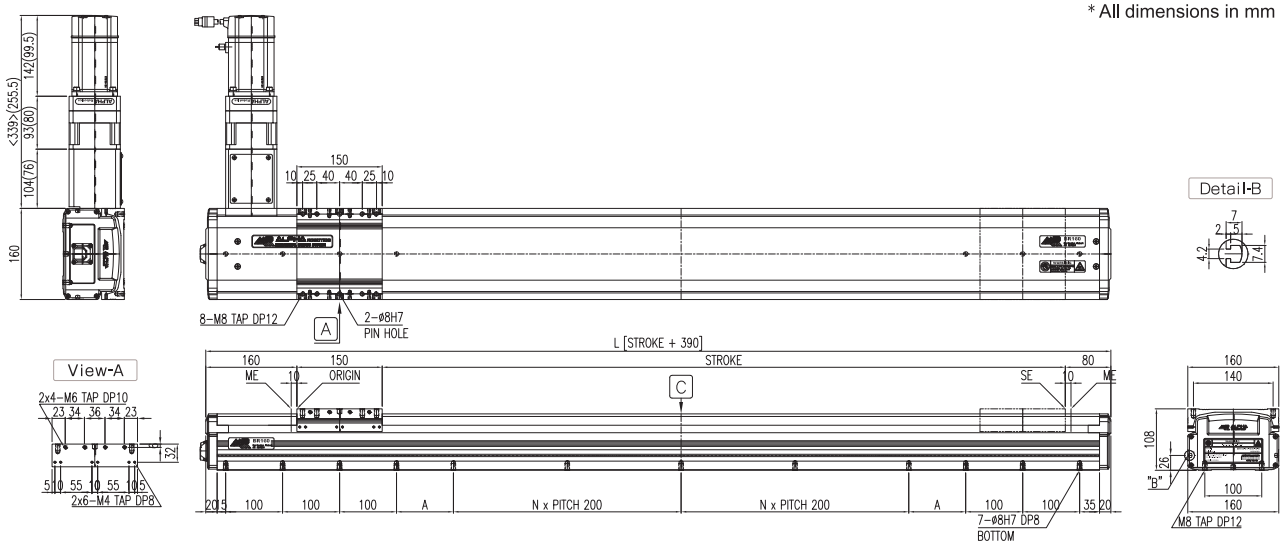
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR160-SL1/2-75N-R03
BR160-SL1			BR160-SL2
Rated Output		W	750W, 3000 min⁻¹, R03
Max. Speed	Note1	mm/s	1750
Max. Load	Note2	kg	40
Stroke Range		mm	200 ~ 2500
Repeatability		mm	±0.1
Drive Type		-	BELT

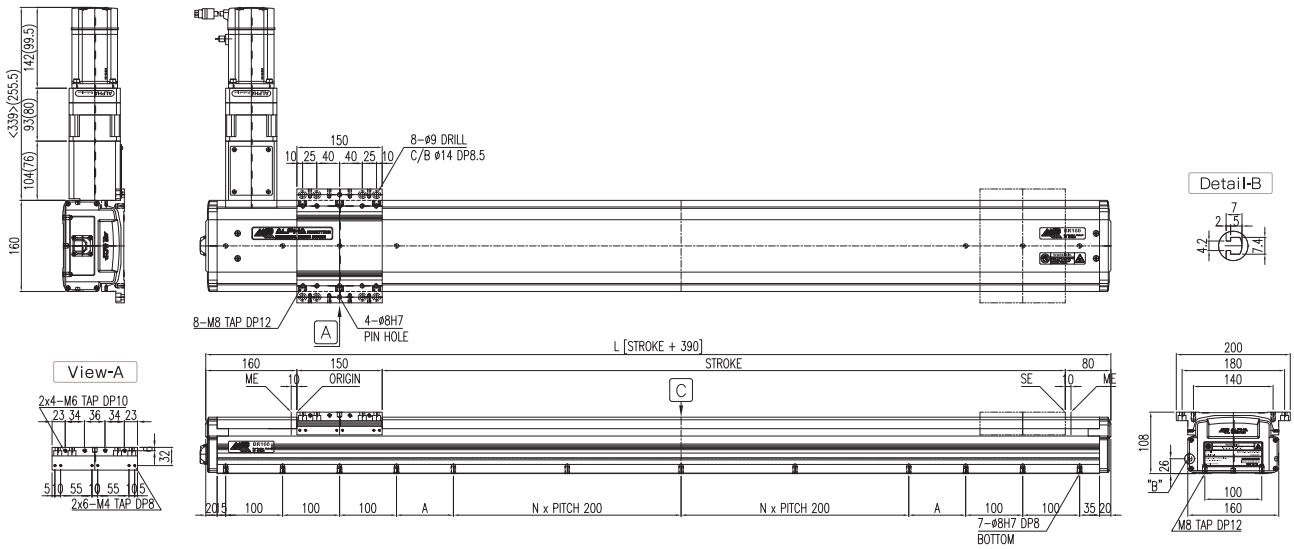
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	35	40
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	800	780	664	575
		45°	800	800	768	666
		90°	800	800	800	800
	Note4 Wall Installation Use	0°	800	780	665	575
		45°	800	540	462	397
		90°	800	800	755	655
	Note5 Vertical Use	0°	800	800	700	615
		45°	793	533	455	403
		90°	800	800	700	610
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR160-SL1

* All dimensions in mm



BR160-SL2



Weight	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	SL1/2-75N-R03	kg	33.0	36.4	39.7	43.0	46.3	49.6	53.0	56.3	59.6	61.3	1.66

Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	SL1/2-75N-R03	mm/s	2000										

⚠ CAUTION

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Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

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NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR160-SL	BR160-SR	BR160-SL	BR160-SR	BR160-PL	BR160-PR	BR160-BL	BR160-BR	BR160-UL	BR160-UR

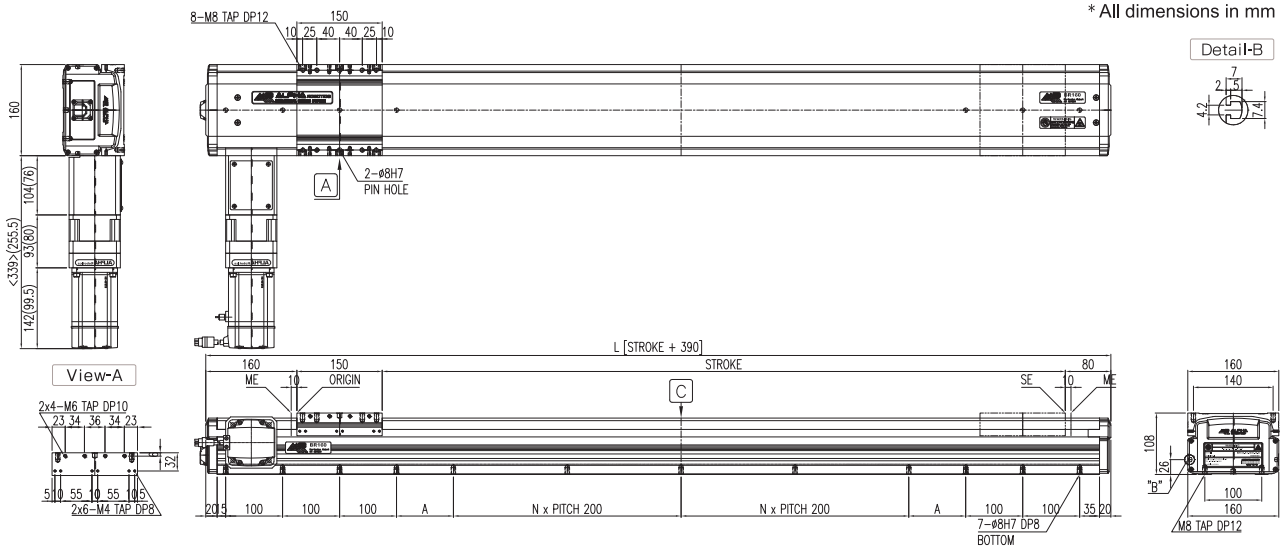
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR160-SR1/2-75N-R03
BR160-SR1 			BR160-SR2 
Rated Output		W	750W, 3000 min^{-1}
Max. Speed	Note1	mm/s	1750
Max. Load	Note2	kg	40
Stroke Range		mm	200 ~ 2500
Repeatability		mm	±0.1
Drive Type		-	BELT

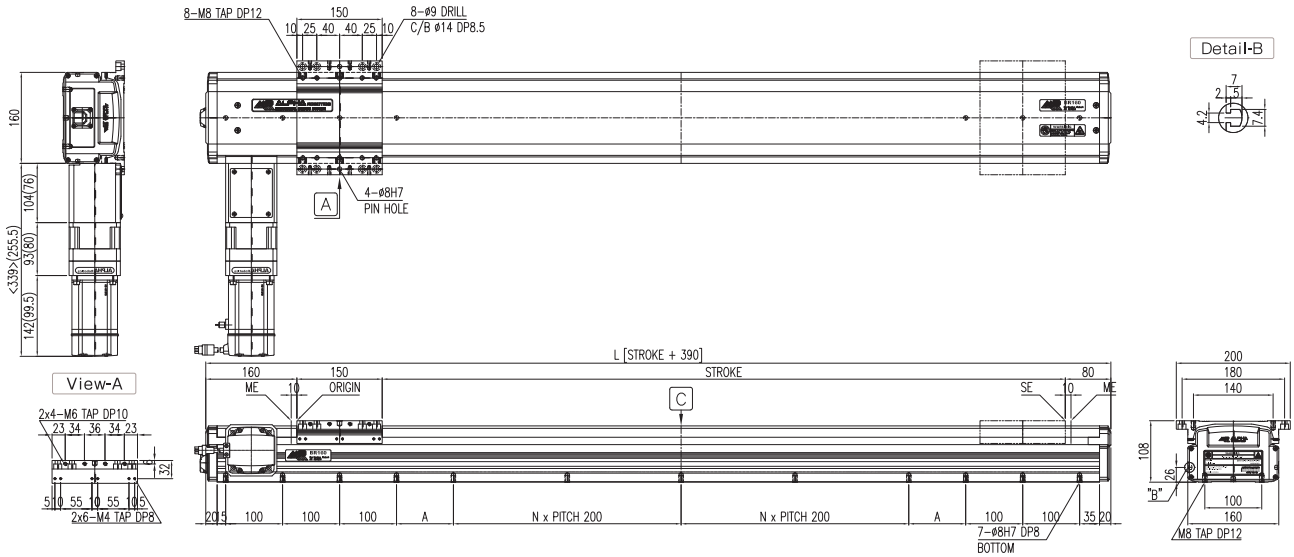
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	35	40
Note3 Allowable Overhang Distance - mm	Horizontal Use 	0°	800	780	664	575
		45°	800	800	768	666
		90°	800	800	800	800
	Note4 Wall Installation Use 	0°	800	780	665	575
		45°	800	540	462	397
		90°	800	800	755	655
	Note5 Vertical Use 	0°	800	800	700	615
		45°	793	533	455	403
		90°	800	800	700	610
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR160-SR1

* All dimensions in mm



BR160-SR2



	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
Weight	SR1/2-75N-R03	kg	33.0	36.4	39.7	43.0	46.3	49.6	53.0	56.3	59.6	61.3	1.66
Speed	SR1/2-75N-R03	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

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NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR160-SL	BR160-SR	BR160-SL	BR160-SR	BR160-PL	BR160-PR	BR160-BL	BR160-BR	BR160-UL	BR160-UR

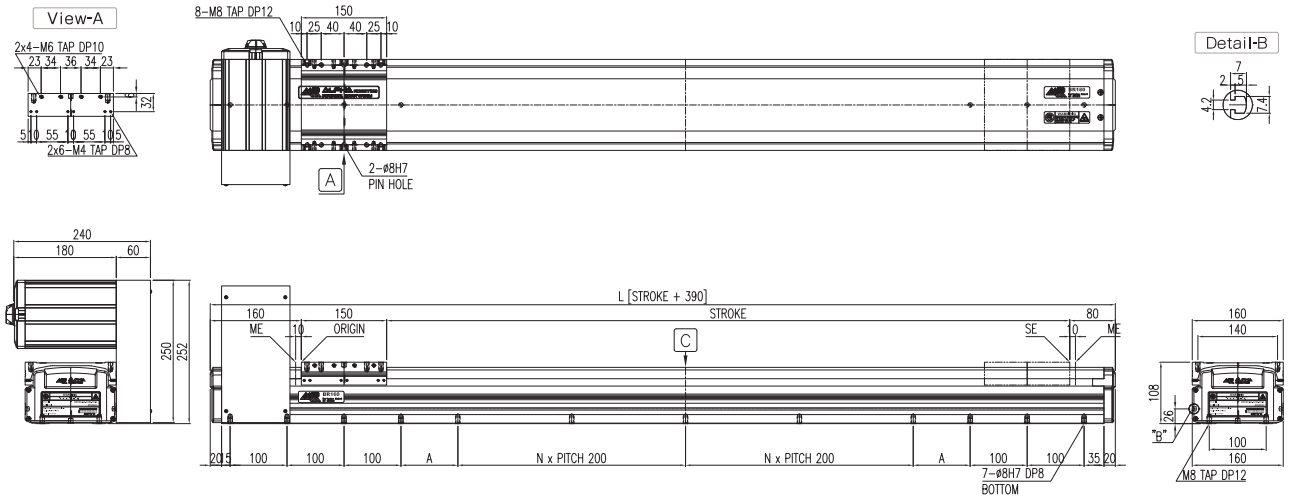
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	BR160-PL1/2-75N
BR160-PL1 		BR160-PL2 
Rated Output	W	750W, 3000 min^{-1}
Max. Speed Note1	mm/s	2000
Max. Load Note2	kg	35
Stroke Range	mm	200 ~ 2500
Repeatability	mm	±0.1
Drive Type	-	BELT

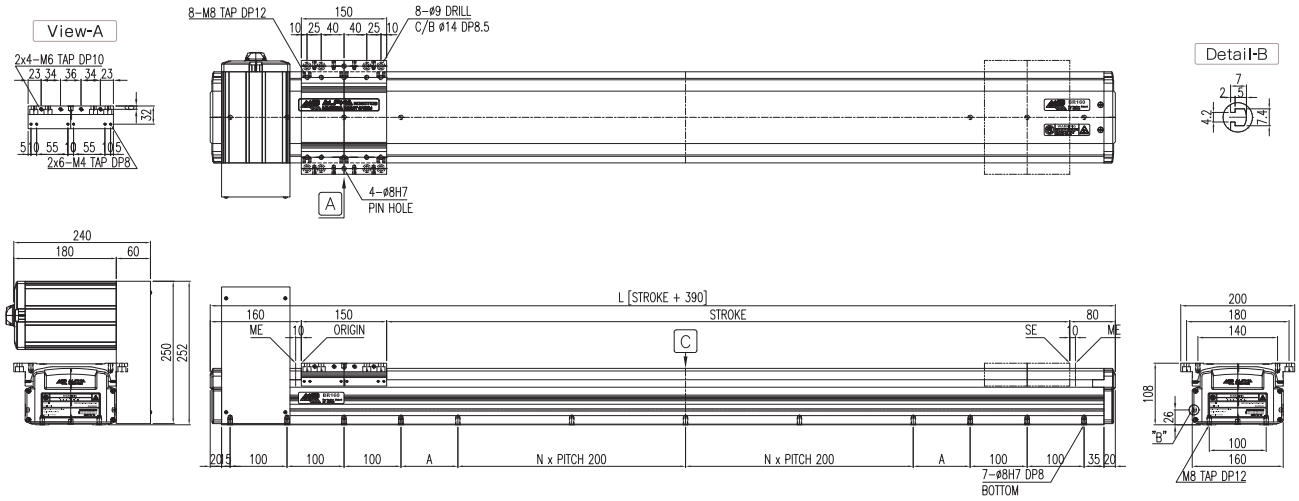
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	35	40
Allowable Overhang Distance - mm: Note3 Horizontal Use 		0°	800	780	664	575
		45°	800	800	768	666
		90°	800	800	800	800
Note4 Wall Installation Use 		0°	800	780	665	575
		45°	800	540	462	397
		90°	800	800	755	655
Note5 Vertical Use 		0°	800	800	700	615
		45°	793	533	455	403
		90°	800	800	700	610
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR160-PL1

* All dimensions in mm



BR160-PL2



	Model / Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
Weight	BR160-PL1/2-75N	kg	33.0	36.4	39.7	43.0	46.3	49.6	53.0	56.3	59.6	61.3	1.66
Speed	BR160-PL1/2-75N	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100, 125, 150, 175, and 200.

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NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR160-SL	BR160-SR	BR160-SL	BR160-SR	BR160-PL	BR160-PR	BR160-BL	BR160-BR	BR160-UL	BR160-UR

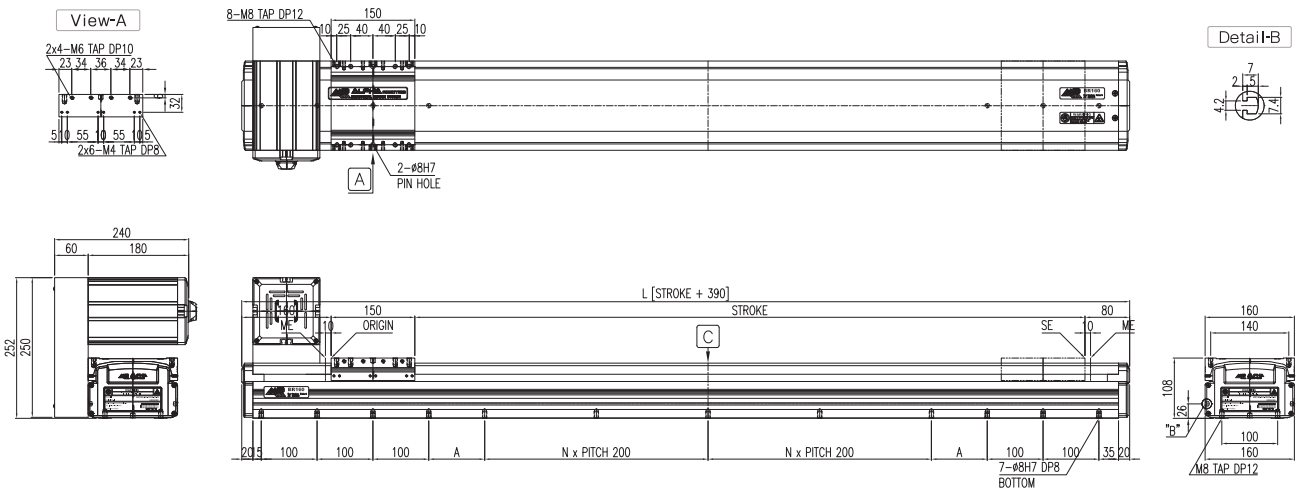
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	BR160-PR1/2-75N
BR160-PR1 / BR160-PR2		
Rated Output	W	750W, 3000 min^{-1}
Max. Speed Note1	mm/s	2000
Max. Load Note2	kg	35
Stroke Range	mm	200 ~ 2500
Repeatability	mm	±0.1
Drive Type	-	BELT

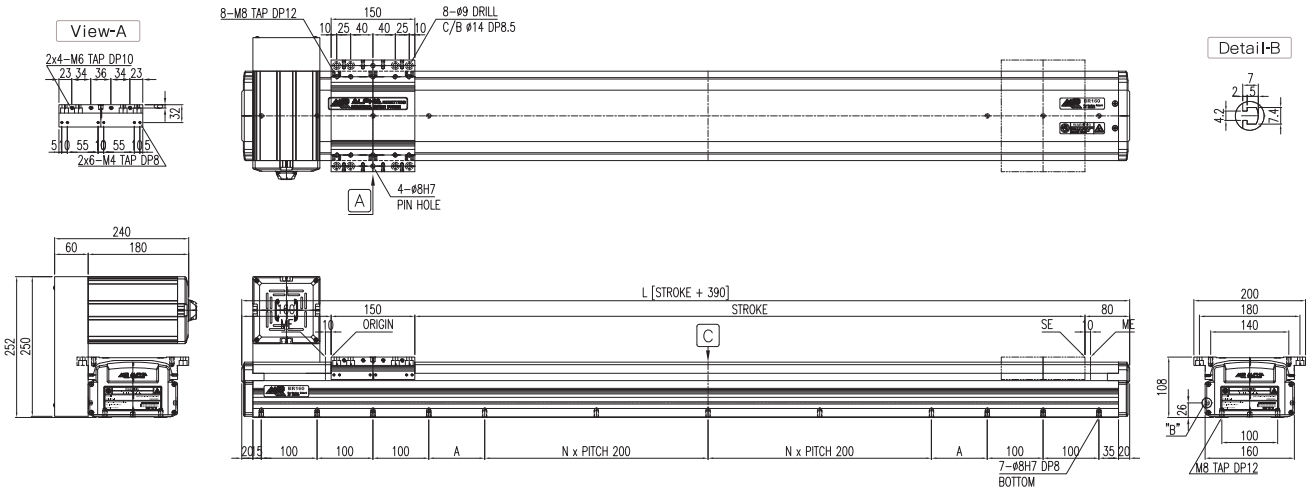
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	35	40
Allowable Overhang Distance - mm: Note3 Horizontal Use		0°	800	780	664	575
		45°	800	800	768	666
		90°	800	800	800	800
Note4 Wall Installation Use		0°	800	780	665	575
		45°	800	540	462	397
		90°	800	800	755	655
Note5 Vertical Use		0°	800	800	700	615
		45°	793	533	455	403
		90°	800	800	700	610
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR160-PR1

* All dimensions in mm



BR160-PR2



Weight	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	PR1/2-75N	kg	33.0	36.4	39.7	43.0	46.3	49.6	53.0	56.3	59.6	61.3	1.66

Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	PR1/2-75N	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
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NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR160-SL	BR160-SR	BR160-SL	BR160-SR	BR160-PL	BR160-PR	BR160-BL	BR160-BR	BR160-UL	BR160-UR

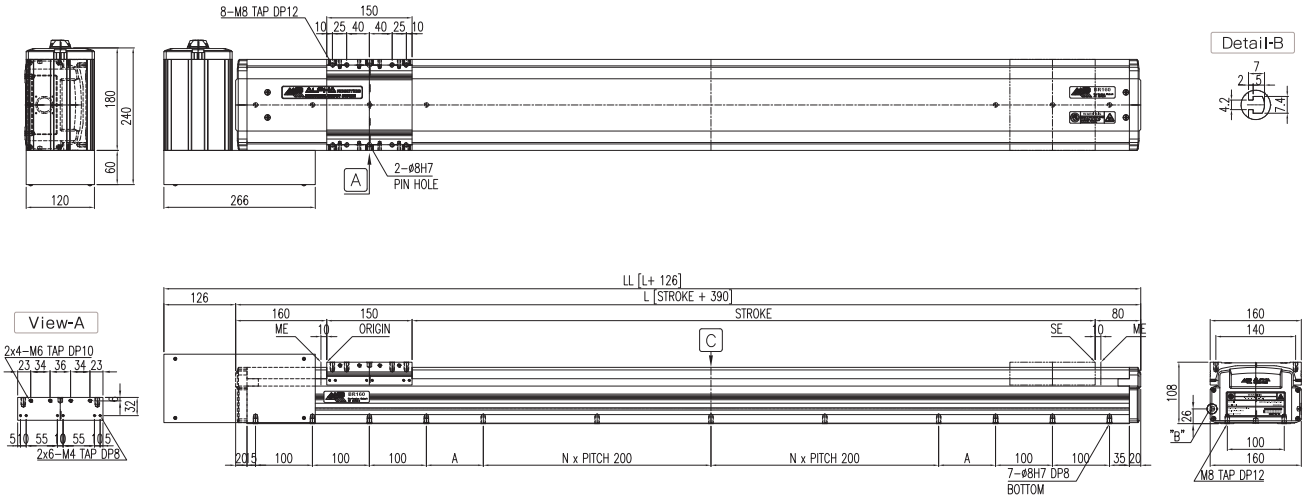
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	BR160-BL1/2-75N
BR160-BL1 		BR160-BL2 
Rated Output	W	750W, 3000 min^{-1}
Max. Speed Note1	mm/s	2000
Max. Load Note2	kg	35
Stroke Range	mm	200 ~ 2500
Repeatability	mm	±0.1
Drive Type	-	BELT

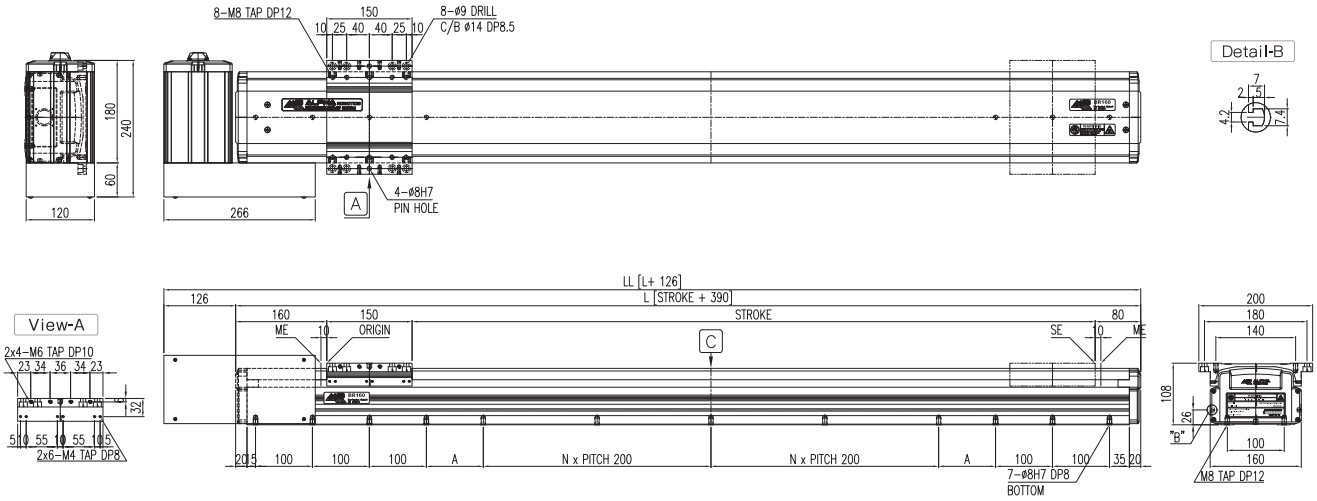
Specification			Unit	Data			
Acceleration			G	0.3			
Load			kg	20	30	35	40
Allowable Overhang Distance - mm	Note3 Horizontal Use		0°	800	780	664	575
			45°	800	800	768	666
			90°	800	800	800	800
	Note4 Wall Installation Use		0°	800	780	665	575
			45°	800	540	462	397
			90°	800	800	755	655
	Note5 Vertical Use		0°	800	800	700	615
			45°	793	533	455	403
			90°	800	800	700	610
Note3	Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
				Life in traveled distance : 30000 km			

BR160-BL1

* All dimensions in mm



BR160-BL2



Weight	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	BL1/2-75N	kg	33.0	36.4	39.7	43.0	46.3	49.6	53.0	56.3	59.6	61.3	1.66

Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	BL1/2-75N	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
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NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR160-SL	BR160-SR	BR160-SL	BR160-SR	BR160-PL	BR160-PR	BR160-BL	BR160-BR	BR160-UL	BR160-UR

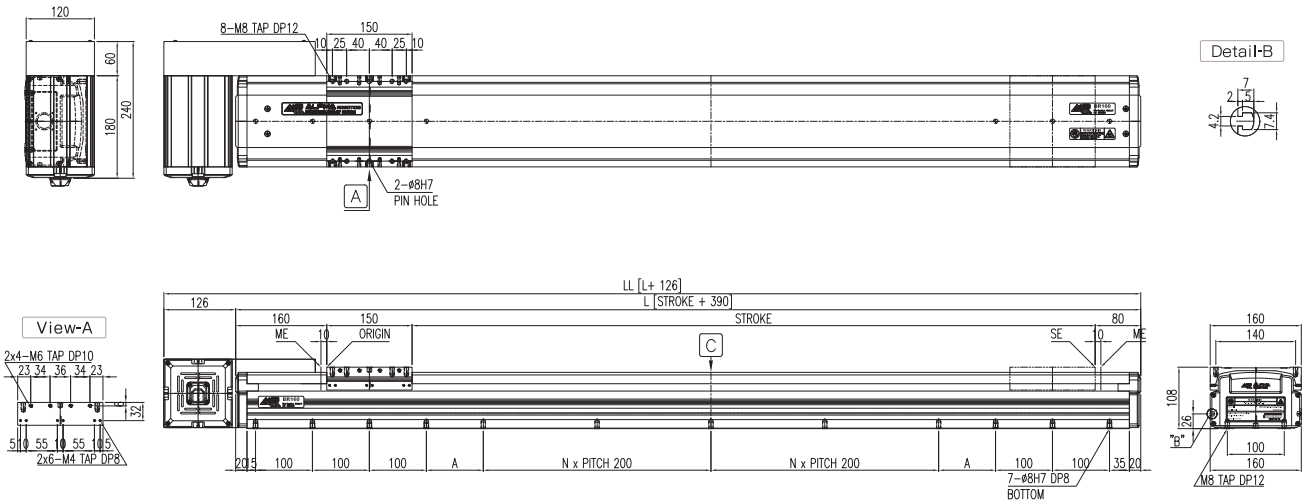
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR160-BR1/2-75N
BR160-BR1 			BR160-BR2 
Rated Output		W	750W, 3000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	35
Stroke Range		mm	200 ~ 2500
Repeatability		mm	± 0.1
Drive Type		-	BELT

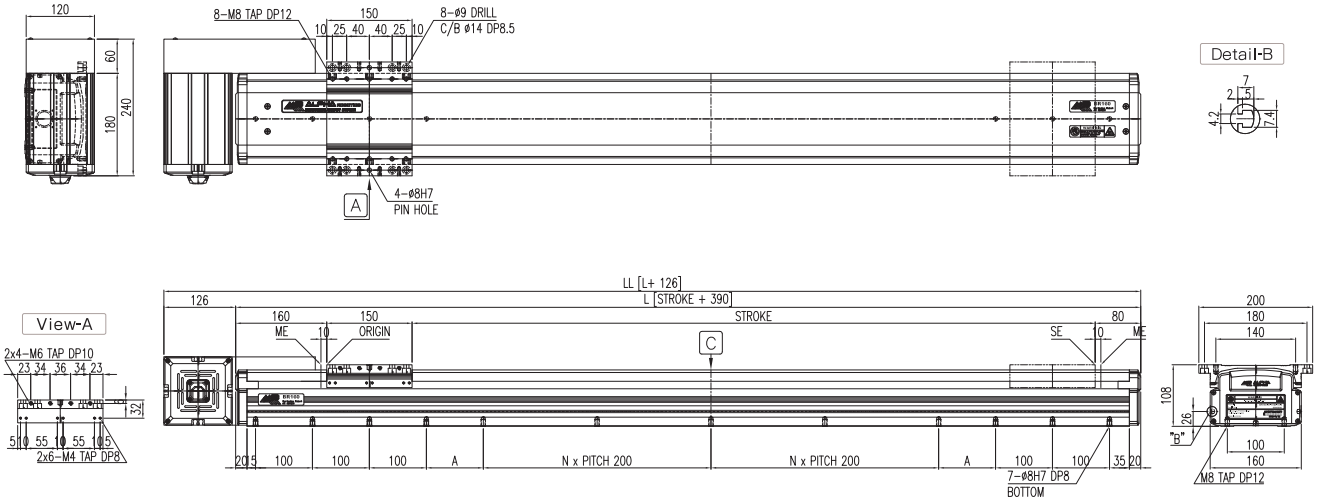
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	35	40
Note3 Allowable Overhang Distance - mm	Horizontal Use 	0°	800	780	664	575
		45°	800	800	768	666
		90°	800	800	800	800
	Note4 Wall Installation Use 	0°	800	780	665	575
		45°	800	540	462	397
		90°	800	800	755	655
	Note5 Vertical Use 	0°	800	800	700	615
		45°	793	533	455	403
		90°	800	800	700	610
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR160-BR1

* All dimensions in mm



BR160-BR2



Weight	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	BR1/2-75N	kg	33.0	36.4	39.7	43.0	46.3	49.6	53.0	56.3	59.6	61.3	1.66

Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	BR1/2-75N	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
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Model	BR160-SL	BR160-SR	BR160-SL	BR160-SR	BR160-PL	BR160-PR	BR160-BL	BR160-BR	BR160-UL	BR160-UR

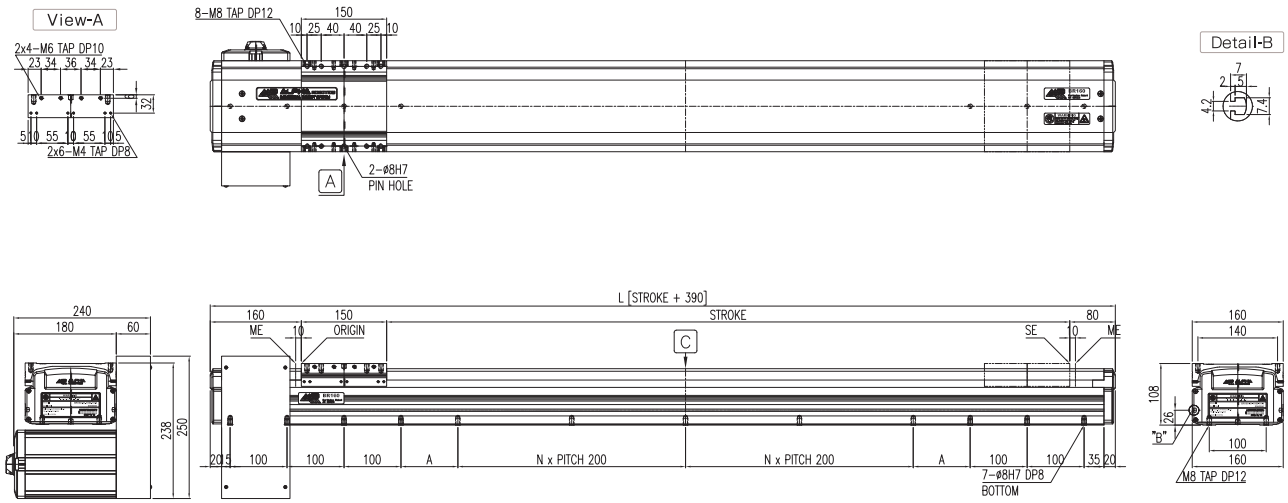
Specification		Unit	BR160-PL1/2-75N
BR160-UL1 			BR160-UL2 
Rated Output		W	750W, 3000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	35
Stroke Range		mm	200 ~ 2500
Repeatability		mm	±0.1
Drive Type		-	BELT

Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

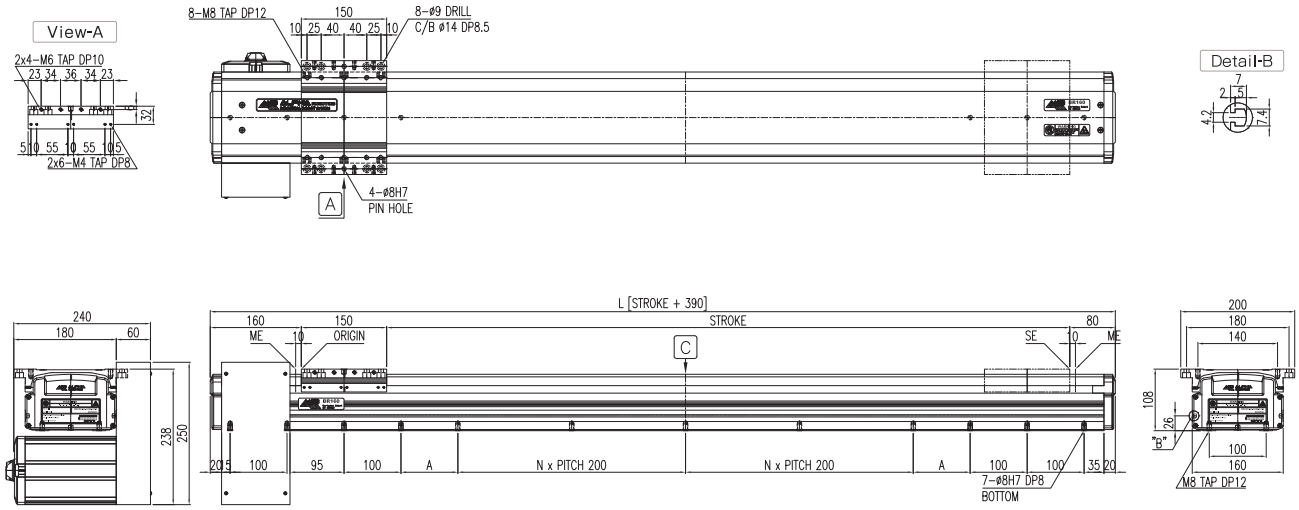
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	35	40
Allowable Overhang Distance - mm	Note3 Horizontal Use 	0°	800	780	664	575
		45°	800	800	768	666
		90°	800	800	800	800
	Note4 Wall Installation Use 	0°	800	780	665	575
		45°	800	540	462	397
		90°	800	800	755	655
	Note5 Vertical Use 	0°	800	800	700	615
		45°	793	533	455	403
		90°	800	800	700	610
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR160-UL1

* All dimensions in mm



BR160-UL2



Weight	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	PL1/2-75N	kg	33.0	36.4	39.7	43.0	46.3	49.6	53.0	56.3	59.6	61.3	1.66

Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	PL1/2-75N	mm/s	2000										

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Model	BR160-SL	BR160-SR	BR160-SL	BR160-SR	BR160-PL	BR160-PR	BR160-BL	BR160-BR	BR160-UL	BR160-UR

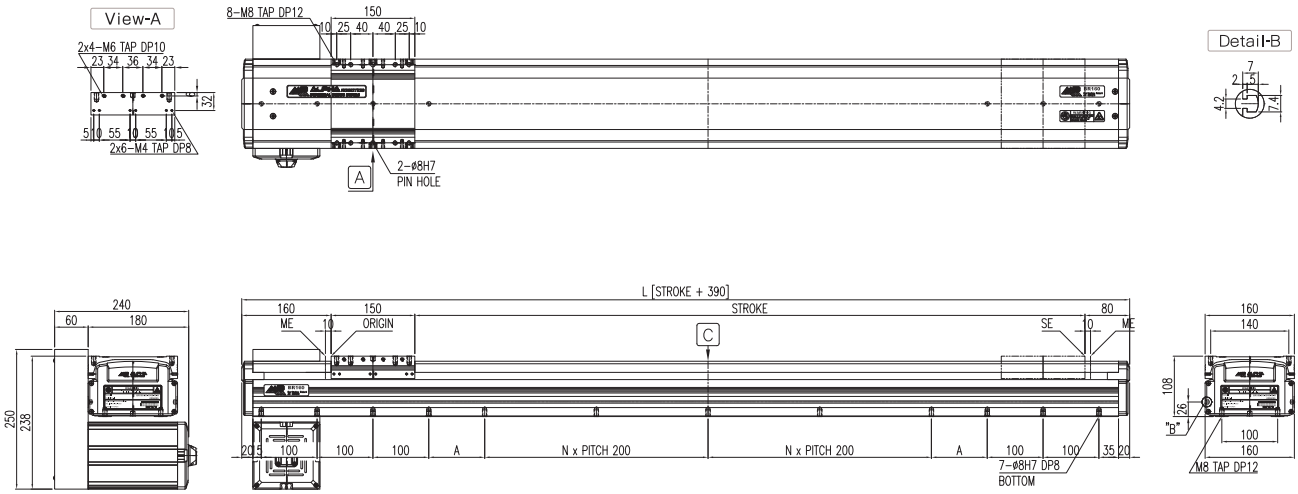
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	BR160-UR1/2-75N
BR160-UR1 / BR160-UR2		
Rated Output	W	750W, 3000 min^{-1}
Max. Speed Note1	mm/s	2000
Max. Load Note2	kg	35
Stroke Range	mm	200 ~ 2500
Repeatability	mm	±0.1
Drive Type	-	BELT

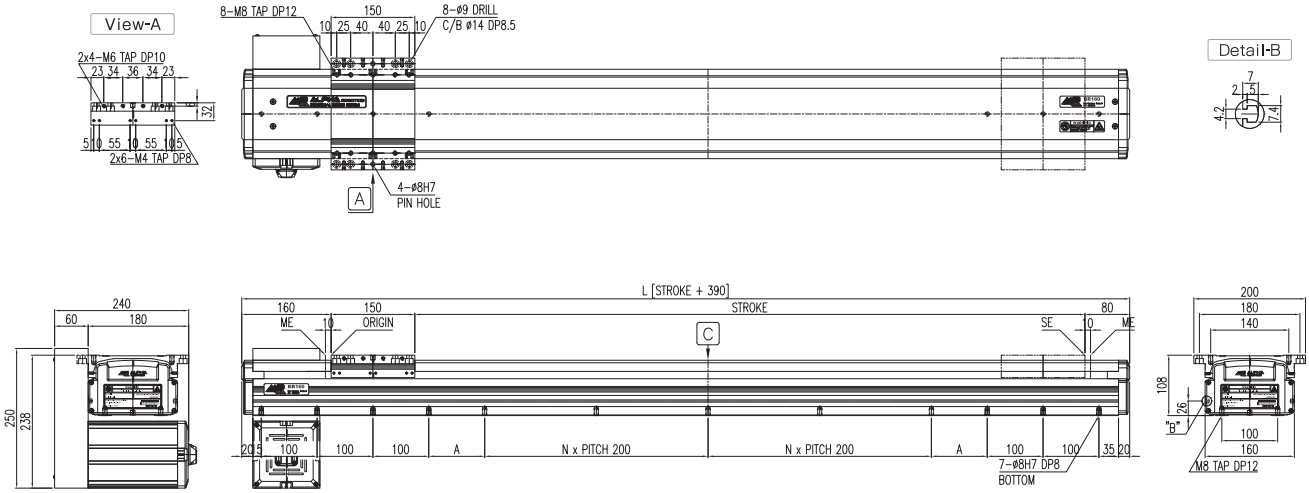
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	35	40
Allowable Overhang Distance - mm: Note3 Horizontal Use	0°		800	780	664	575
	45°		800	800	768	666
	90°		800	800	800	800
Note4 Wall Installation Use	0°		800	780	665	575
	45°		800	540	462	397
	90°		800	800	755	655
Note5 Vertical Use	0°		800	800	700	615
	45°		793	533	455	403
	90°		800	800	700	610
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR160-UR1

* All dimensions in mm



BR160-UR2



Weight	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	UR1/2-75N	kg	33.0	36.4	39.7	43.0	46.3	49.6	53.0	56.3	59.6	61.3	1.66

Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400	2500	Offset(100)
	UR1/2-75N	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100, 125, 150, 175, and 200.

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR200-SL	BR200-SR	BR200-PL	BR200-PR	BR200-BL	BR200-BR	BR200-UL	BR200-UR

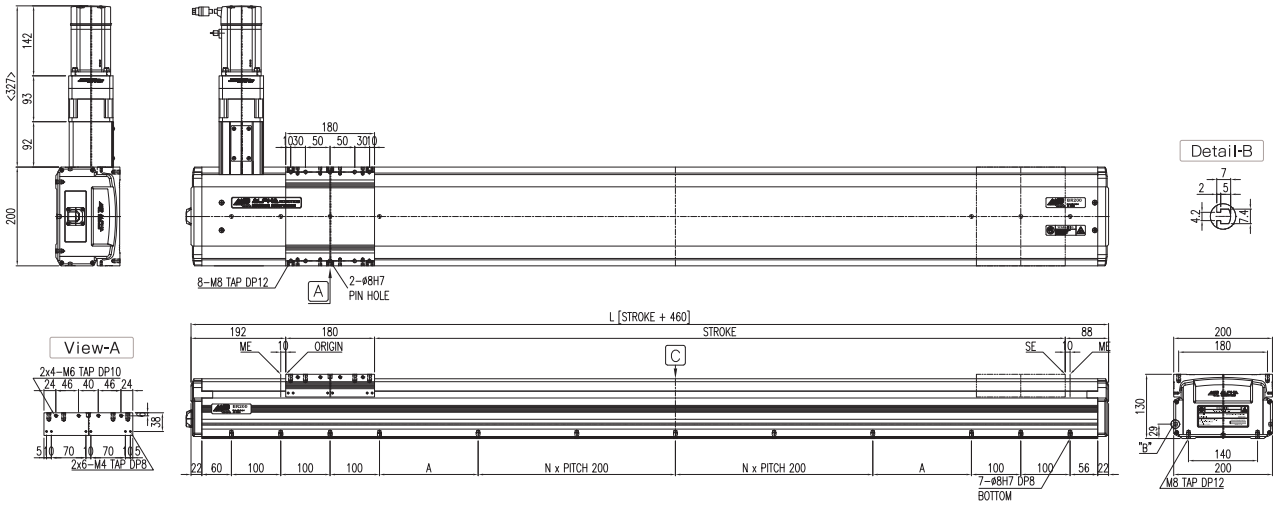
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR200-SL1/2-75N-R05/R07	
BR200-SL1 			BR200-SL2 	
Rated Output		W	750W, 3000 min^{-1}, R05	750W, 3000 min^{-1}, R07
Max. Speed	Note1	mm/s	1600	1100
Max. Load	Note2	kg	60	80
Stroke Range		mm	200 ~ 3000	
Repeatability		mm	± 0.1	
Drive Type		-	BELT	

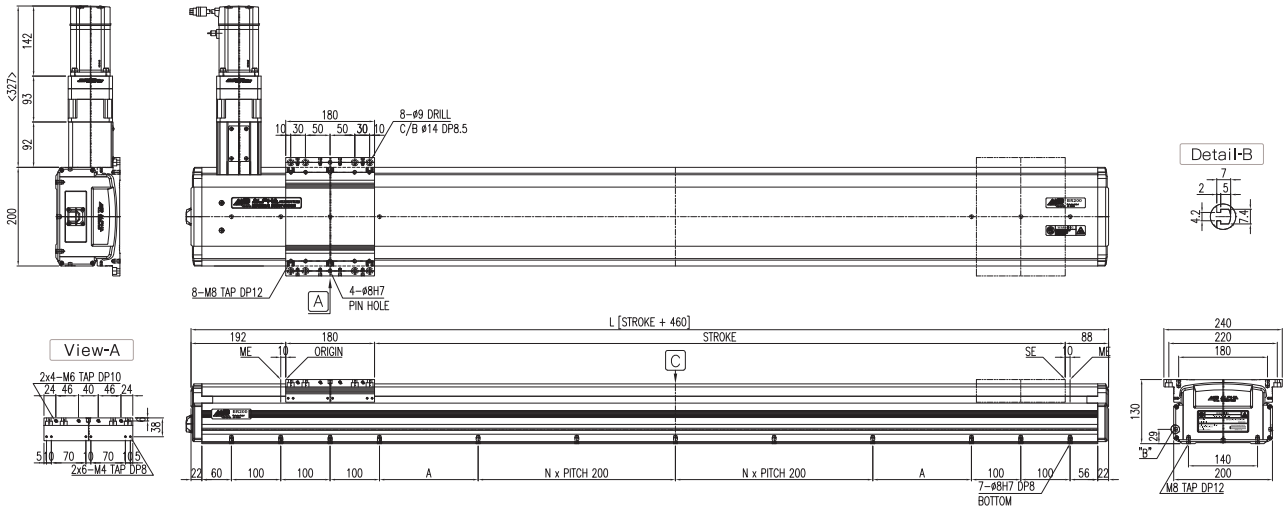
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	40	50	65	80
Allowable Overhang Distance - mm: Note3 Horizontal Use 		0°	900	900	775	620
		45°	900	900	900	720
		90°	900	900	900	900
Note4 Wall Installation Use 		0°	900	880	665	535
		45°	826	650	494	397
		90°	900	900	880	705
Note5 Vertical Use 		0°	900	900	710	580
		45°	754	598	455	377
		90°	900	900	710	580
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR200-SL1

* All dimensions in mm



BR200-SL2



Weight	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	BR200-S-75	kg	38.1	45.6	53.2	60.7	68.2	75.7	83.3	90.8	98.3	105.9	2.51

Speed	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	BR200-N	mm/s	1600										
	BR200-H	mm/s	1100										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

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NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR200-SL	BR200-SR	BR200-PL	BR200-PR	BR200-BL	BR200-BR	BR200-UL	BR200-UR

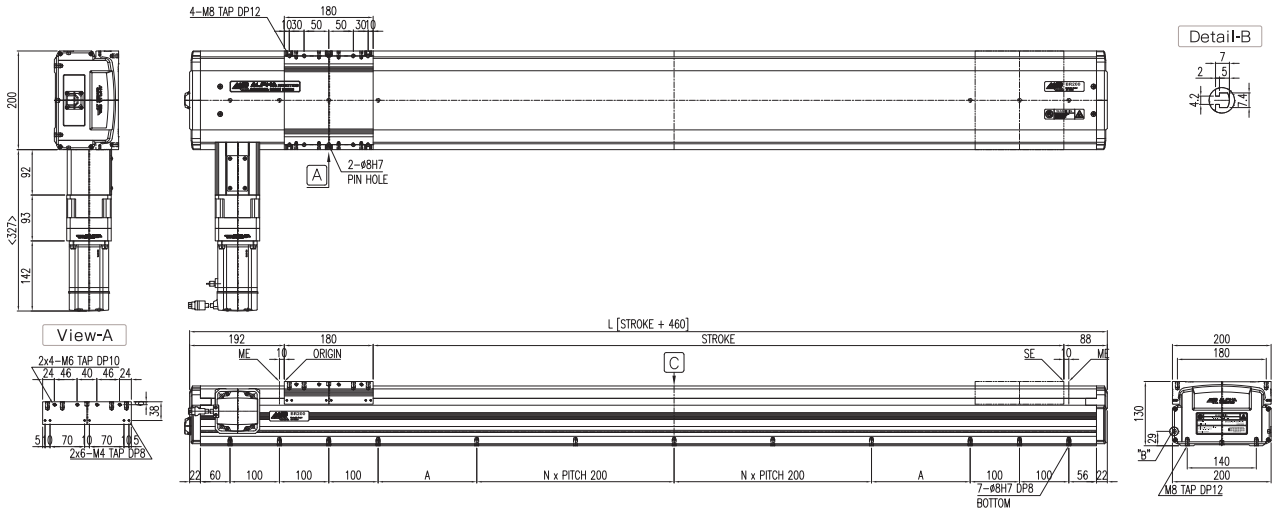
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR200-SR1/2-75N-R05/R07	
BR200-SR1			BR200-SR2	
Rated Output		W	750W, 3000 min⁻¹, R05	750W, 3000 min⁻¹, R07
Max. Speed	Note1	mm/s	1600	1100
Max. Load	Note2	kg	60	80
Stroke Range		mm	200 ~ 3000	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

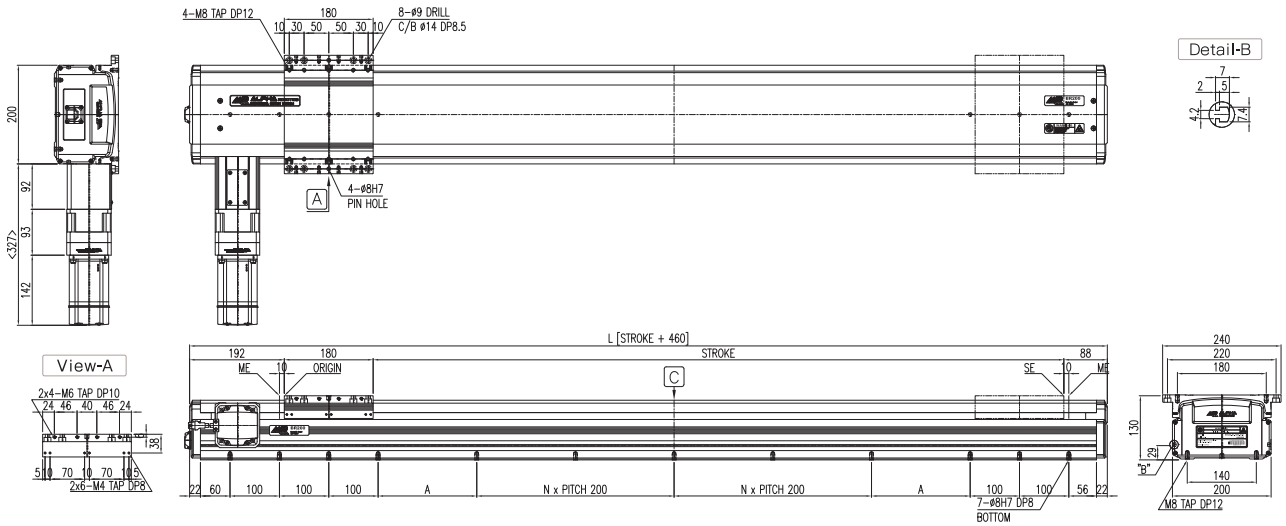
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	40	50	65	80
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	900	900	775	620
		45°	900	900	900	720
		90°	900	900	900	900
	Note4 Wall Installation Use	0°	900	880	665	535
		45°	826	650	494	397
		90°	900	900	880	705
	Note5 Vertical Use	0°	900	900	710	580
		45°	754	598	455	377
		90°	900	900	710	580
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR200-SR1

* All dimensions in mm



BR200-SR2



	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
Weight	SR1/2-75N-R05/R07	kg	38.1	45.6	53.2	60.7	68.2	75.7	83.3	90.8	98.3	105.9	2.51
Speed	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	SR1/2-75N-R05/R07	mm/s	1600										
	SR1/2-75N-R05/R07	mm/s	1100										

⚠ CAUTION

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Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
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NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR200-SL	BR200-SR	**BR200-PL**	BR200-PR	BR200-BL	BR200-BR	BR200-UL	BR200-UR

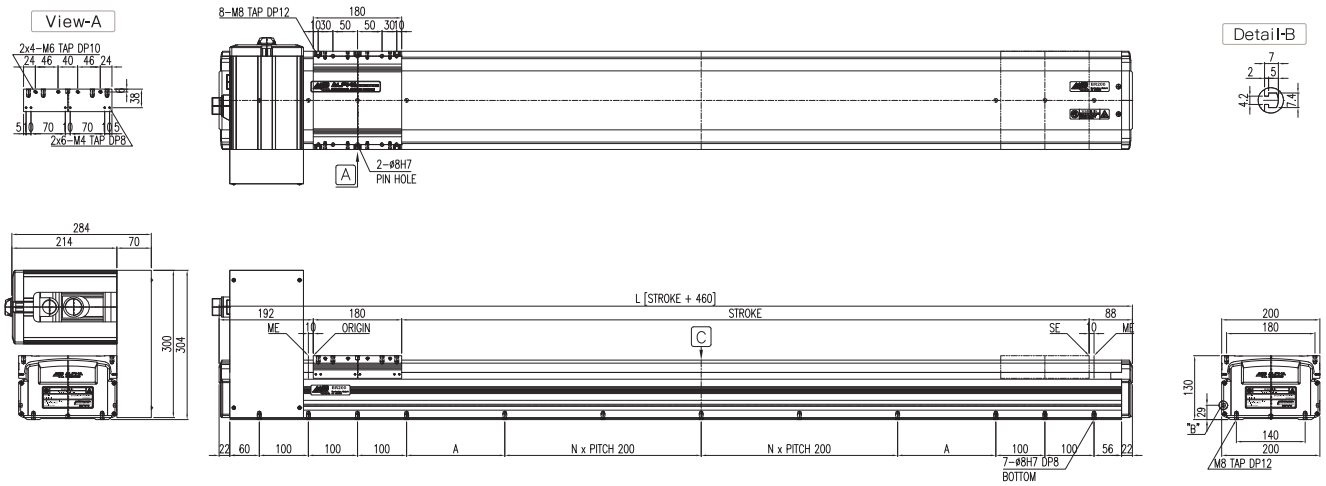
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR200-PL1/2-1KN
BR200-PL1 			BR200-PL2 
Rated Output		W	1000W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	80
Stroke Range		mm	200 ~ 3000
Repeatability		mm	± 0.1
Drive Type		-	BELT

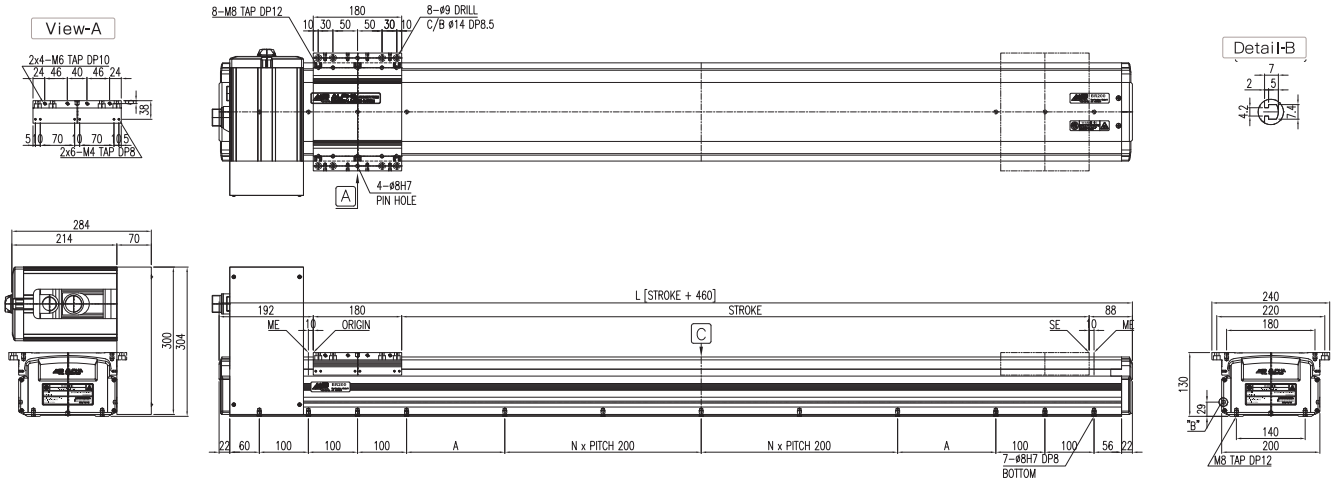
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	40	50	65	80
Allowable Overhang Distance - mm	Note3 Horizontal Use 	0°	900	900	775	620
		45°	900	900	900	720
		90°	900	900	900	900
	Note4 Wall Installation Use 	0°	900	880	665	535
		45°	826	650	494	397
		90°	900	900	880	705
	Note5 Vertical Use 	0°	900	900	710	580
		45°	754	598	455	377
		90°	900	900	710	580
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR200-PL1

* All dimensions in mm



BR200-PL2



Weight	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	PL1/2-1KN	kg	42.5	50.0	57.6	65.1	72.6	80.2	87.7	95.2	102.8	110.3	2.51

Speed	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	PL1/2-1KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
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NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR200-SL	BR200-SR	BR200-PL	BR200-PR	BR200-BL	BR200-BR	BR200-UL	BR200-UR

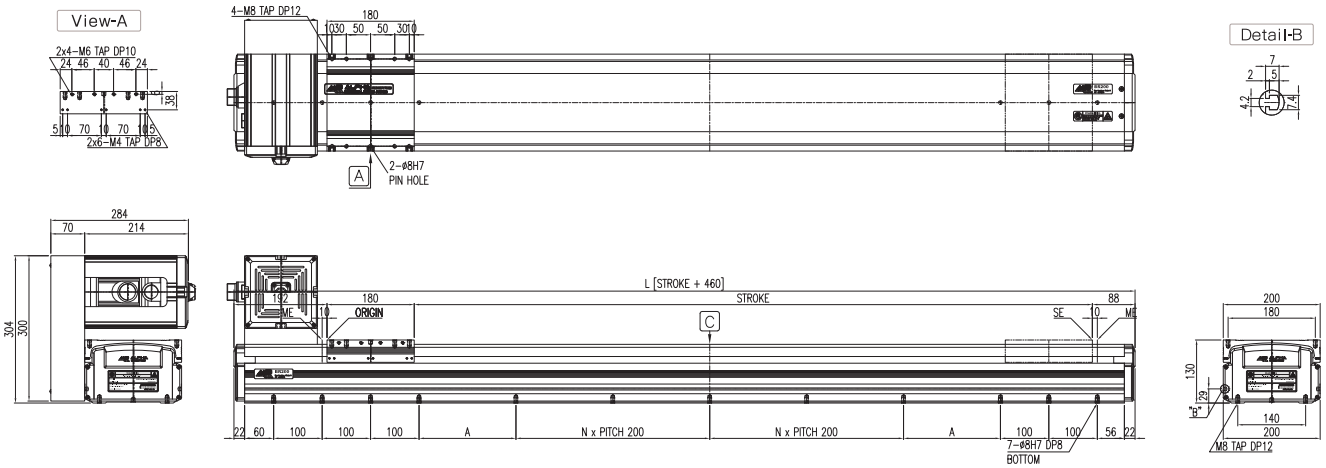
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR200-PR1/2-1KN
BR200-PR1 			BR200-PR2 
Rated Output		W	1000W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	80
Stroke Range		mm	200 ~ 3000
Repeatability		mm	± 0.1
Drive Type		-	BELT

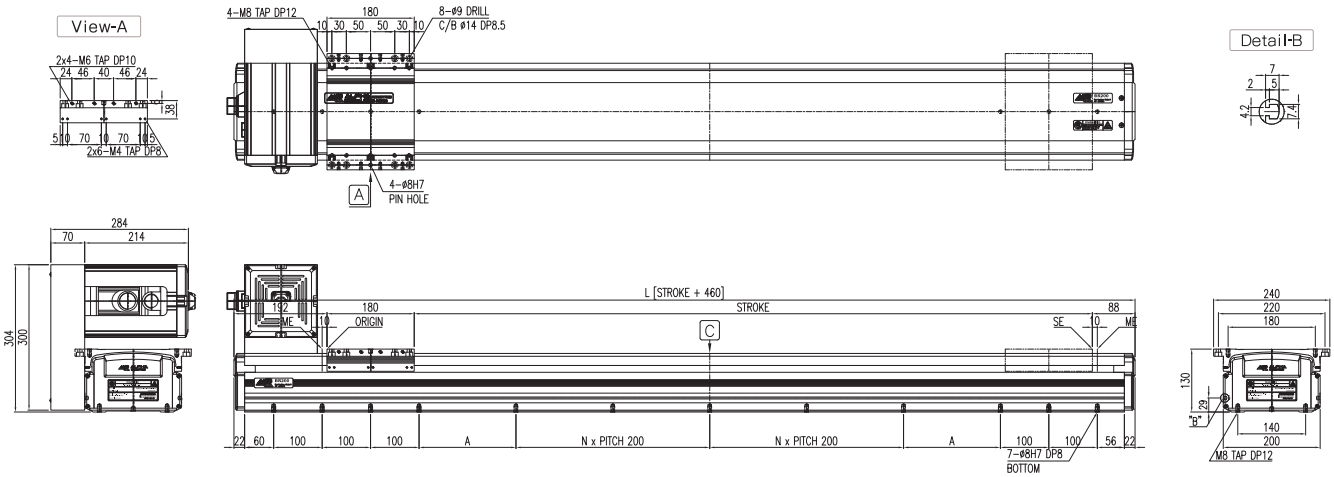
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	40	50	65	80
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	900	900	775	620
		45°	900	900	900	720
		90°	900	900	900	900
	Note4 Wall Installation Use	0°	900	880	665	535
		45°	826	650	494	397
		90°	900	900	880	705
	Note5 Vertical Use	0°	900	900	710	580
		45°	754	598	455	377
		90°	900	900	710	580
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR200-PR1

* All dimensions in mm



BR200-PR2



	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
Weight	PR1/2-1KN	kg	42.5	50.0	57.6	65.1	72.6	80.2	87.7	95.2	102.8	110.3	2.51
Speed	PR1/2-1KN	mm/s	2000										

⚠ CAUTION

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Model	BR200-SL	BR200-SR	BR200-PL	BR200-PR	BR200-BL	BR200-BR	BR200-UL	BR200-UR

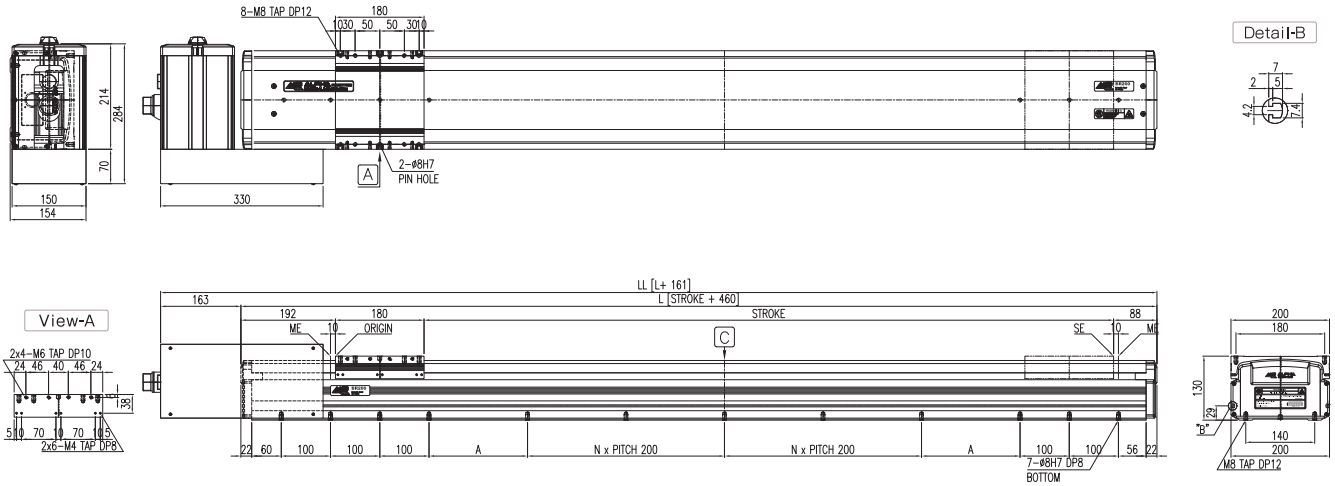
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR200-BL1/2-1KN
BR200-BL1			BR200-BL2
Rated Output		W	1000W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	80
Stroke Range		mm	200 ~ 3000
Repeatability		mm	± 0.1
Drive Type		-	BELT

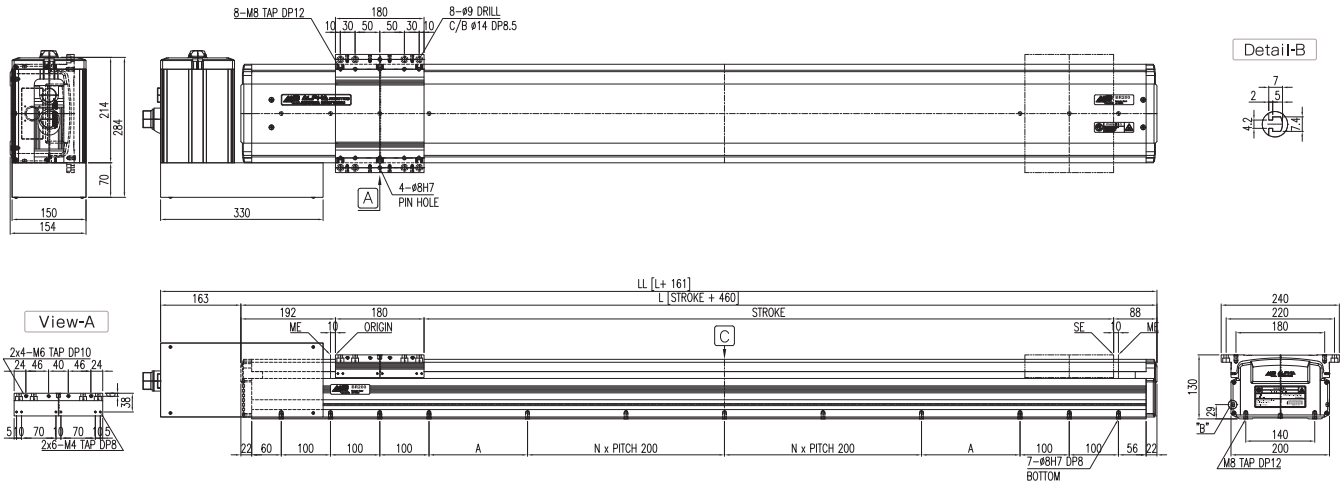
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	40	50	65	80
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	900	900	775	620
		45°	900	900	900	720
		90°	900	900	900	900
	Note4 Wall Installation Use	0°	900	880	665	535
		45°	826	650	494	397
		90°	900	900	880	705
	Note5 Vertical Use	0°	900	900	710	580
		45°	754	598	455	377
		90°	900	900	710	580
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR200-BL1

* All dimensions in mm



BR200-BL2



Weight	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	BL1/2-1KN	kg	42.5	50.0	57.6	65.1	72.6	80.2	87.7	95.2	102.8	110.3	2.51

Speed	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	BL1/2-1KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
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Model	BR200-SL	BR200-SR	BR200-PL	BR200-PR	BR200-BL	BR200-BR	BR200-UL	BR200-UR

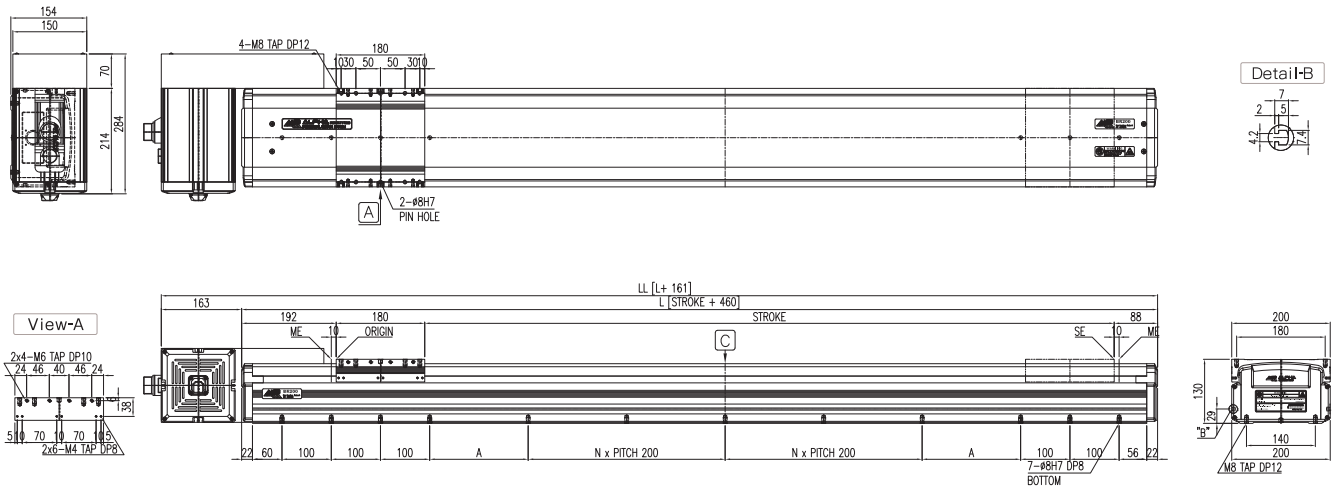
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR200-BR1/2-1KN
BR200-BR1 / BR200-BR2			
Rated Output		W	1000W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	80
Stroke Range		mm	200 ~ 3000
Repeatability		mm	± 0.1
Drive Type		-	BELT

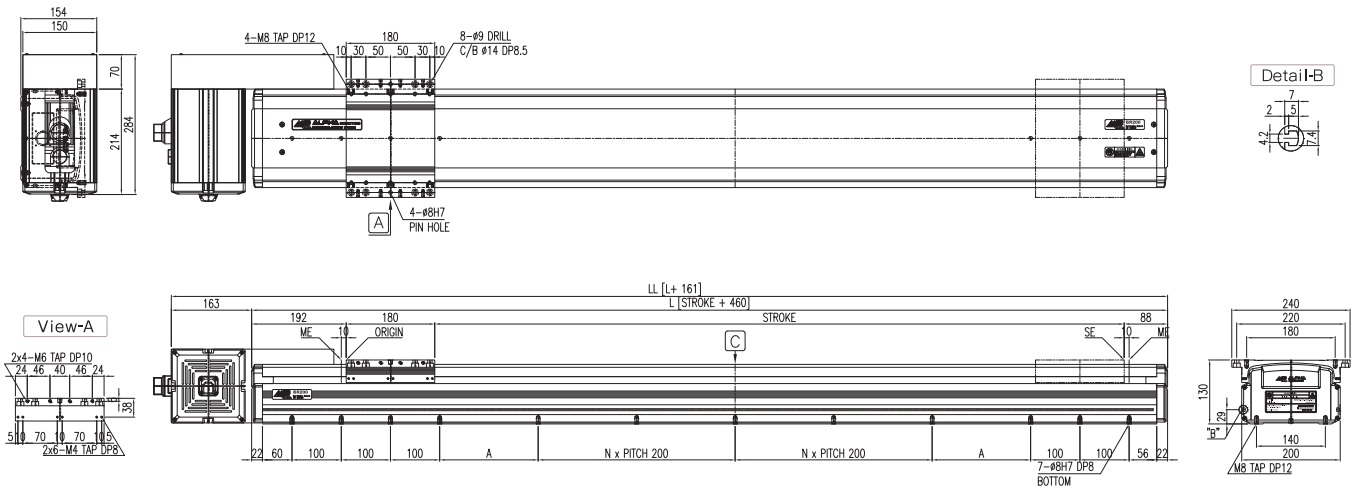
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	40	50	65	80
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	900	900	775	620
		45°	900	900	900	720
		90°	900	900	900	900
	Note4 Wall Installation Use	0°	900	880	665	535
		45°	826	650	494	397
		90°	900	900	880	705
	Note5 Vertical Use	0°	900	900	710	580
		45°	754	598	455	377
		90°	900	900	710	580
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR200-BR1

* All dimensions in mm



BR200-BR2



Weight	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	BR1/2-1KN	kg	42.5	50.0	57.6	65.1	72.6	80.2	87.7	95.2	102.8	110.3	2.51

Speed	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	BR1/2-1KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
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SPEC | ARM SERIES | AR SERIES | AG SERIES | AD SERIES | BR SERIES | BG SERIES | DAR SERIES | DBR SERIES | RS SERIES | MR SERIES | ADR SERIES | Technology Material

Model	BR200-SL	BR200-SR	BR200-PL	BR200-PR	BR200-BL	BR200-BR	BR200-UL	BR200-UR

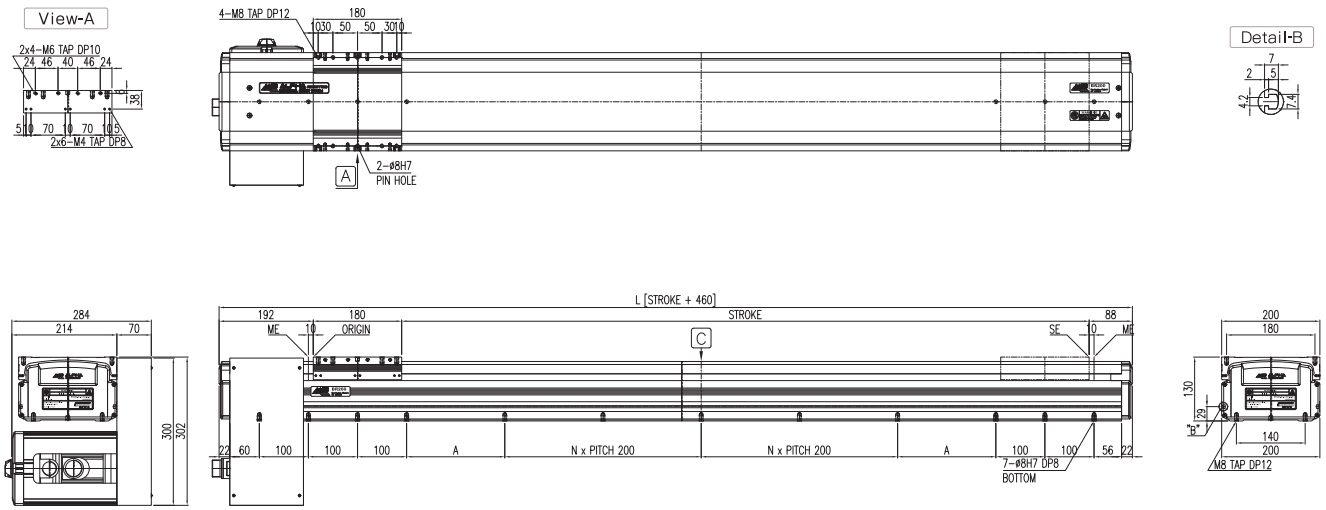
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR200-UL1/2-1KN
BR200-UL1			BR200-UL2
Rated Output		W	1000W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	80
Stroke Range		mm	200 ~ 3000
Repeatability		mm	± 0.1
Drive Type		-	BELT

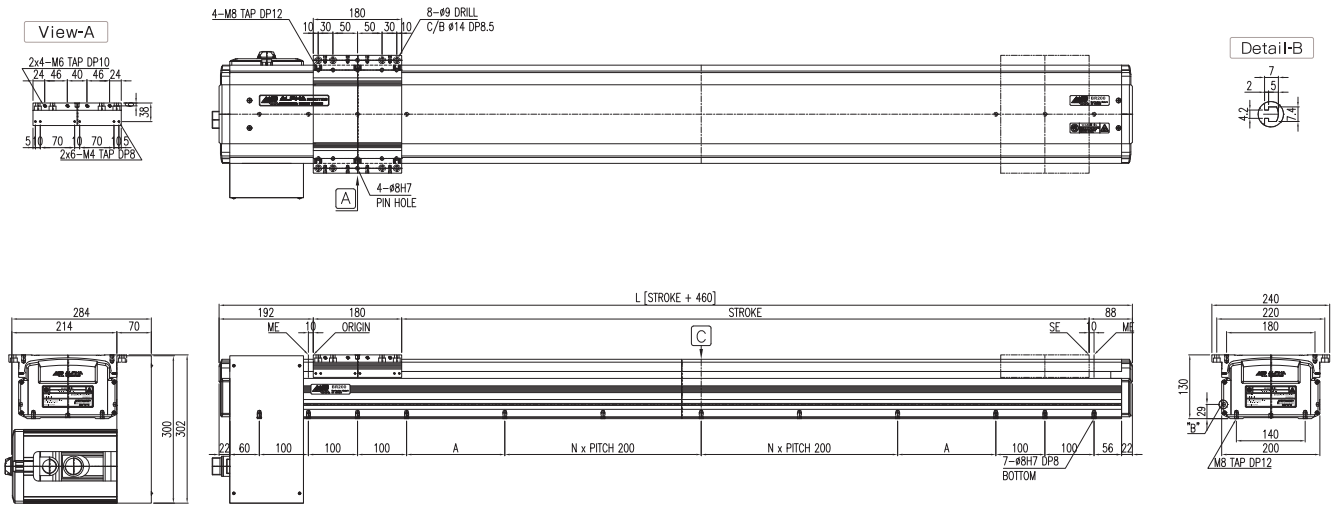
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	40	50	65	80
Allowable Overhang Distance - mm: Note3 Horizontal Use		0°	900	900	775	620
		45°	900	900	900	720
		90°	900	900	900	900
Note4 Wall Installation Use		0°	900	880	665	535
		45°	826	650	494	397
		90°	900	900	880	705
Note5 Vertical Use		0°	900	900	710	580
		45°	754	598	455	377
		90°	900	900	710	580
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR200-UL1

* All dimensions in mm



BR200-UL2



Weight	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	UL1/2-1KN	kg	42.5	50.0	57.6	65.1	72.6	80.2	87.7	95.2	102.8	110.3	2.51

Speed	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	UL1/2-1KN	mm/s	2000										

⚠ CAUTION

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Model	BR200-SL	BR200-SR	BR200-PL	BR200-PR	BR200-BL	BR200-BR	BR200-UL	BR200-UR

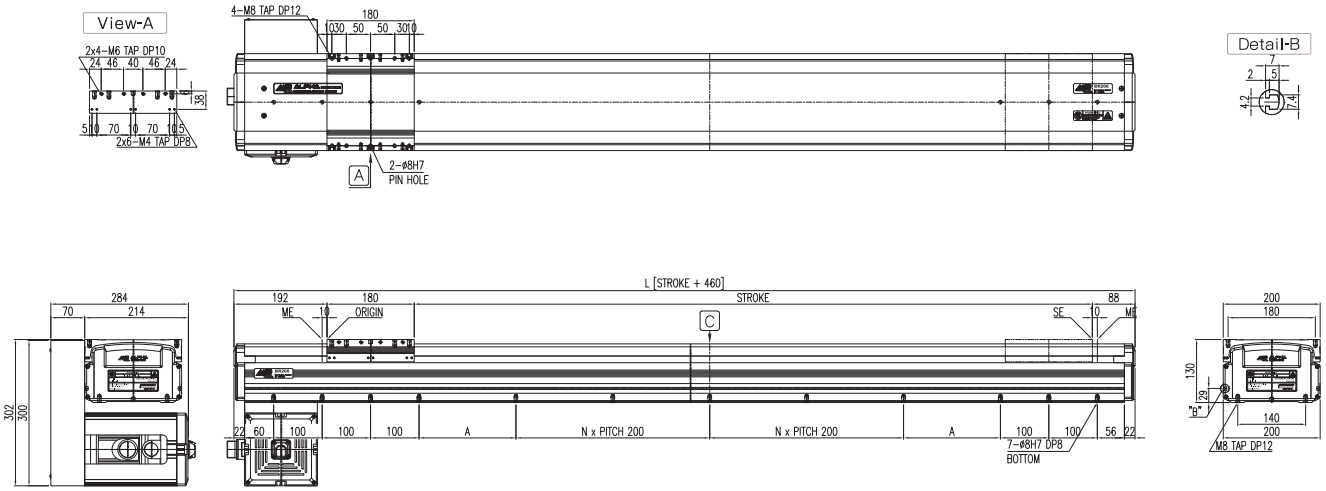
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	BR200-UR1/2-1KN
BR200-UR1 / BR200-UR2		
Rated Output	W	1000W, 2000 min^{-1}
Max. Speed Note1	mm/s	2000
Max. Load Note2	kg	80
Stroke Range	mm	200 ~ 3000
Repeatability	mm	± 0.1
Drive Type	-	BELT

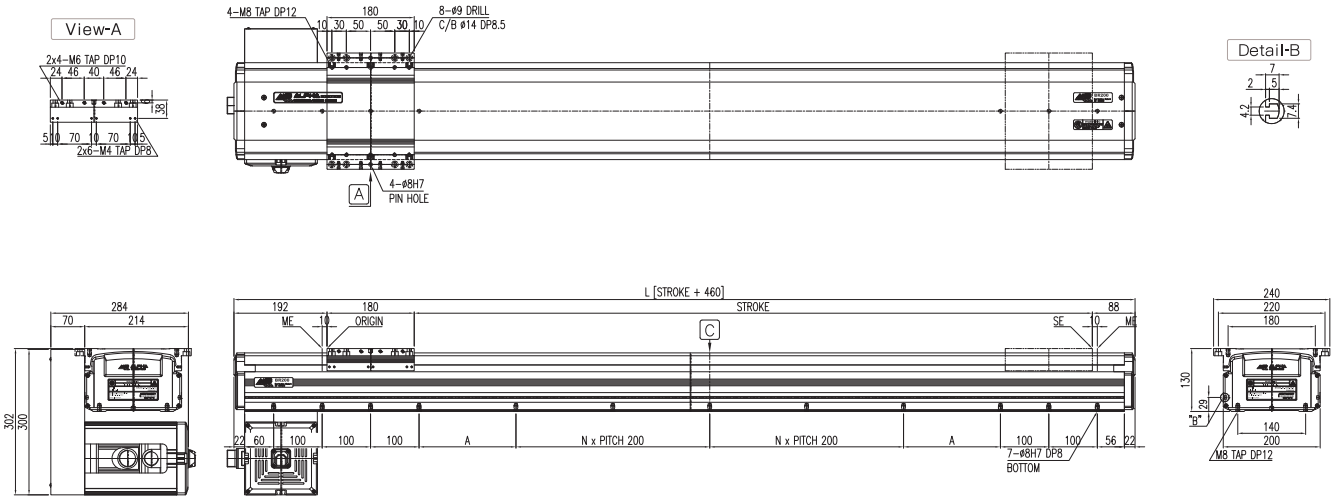
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	40	50	65	80
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	900	900	775	620
		45°	900	900	900	720
		90°	900	900	900	900
	Note4 Wall Installation Use	0°	900	880	665	535
		45°	826	650	494	397
		90°	900	900	880	705
	Note5 Vertical Use	0°	900	900	710	580
		45°	754	598	455	377
		90°	900	900	710	580
Note3	Estimated Condition	Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)		
		Life in traveled distance : 30000 km				

BR200-UR1

* All dimensions in mm



BR200-UR2



Weight	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	UR1/2-1KN	kg	42.5	50.0	57.6	65.1	72.6	80.2	87.7	95.2	102.8	110.3	2.51

Speed	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	UR1/2-1KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR230-SL	BR230-SR	BR230-SL	BR230-SR	BR230-PL	BR230-PR	BR230-BL	BR230-BR	BR230-UL	BR230-UR

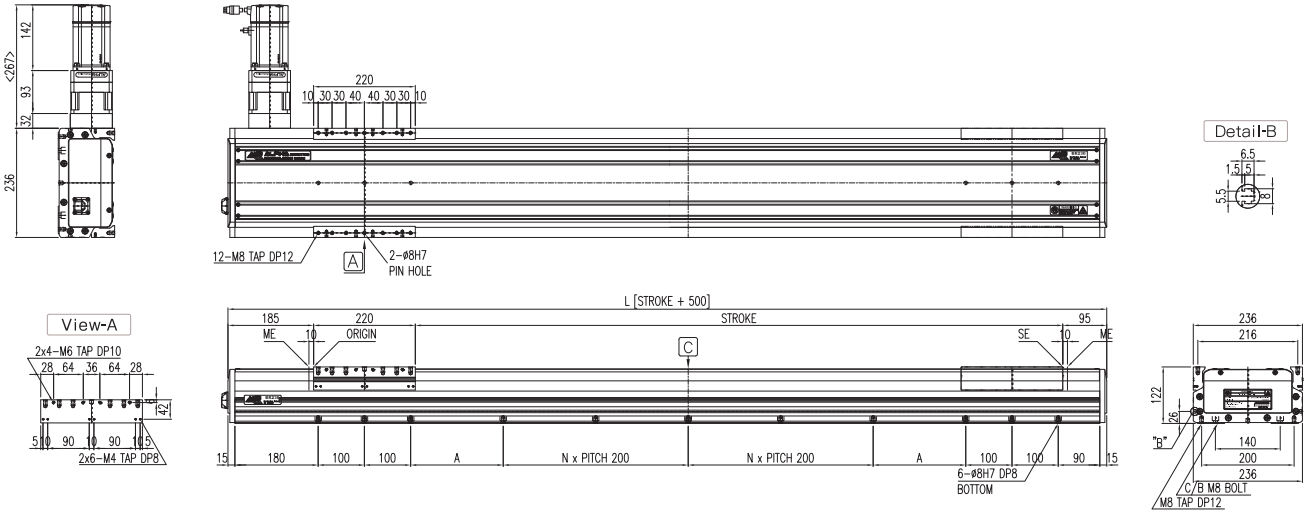
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR230-SL1/2-75N-R06/R08	
BR230-SL1 			BR230-SL2 	
Rated Output		W	750W, 3000 min^{-1}, R06	750W, 3000 min^{-1}, R08
Max. Speed	Note1	mm/s	1300	1000
Max. Load	Note2	kg	80	120
Stroke Range		mm	200 ~ 3200	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

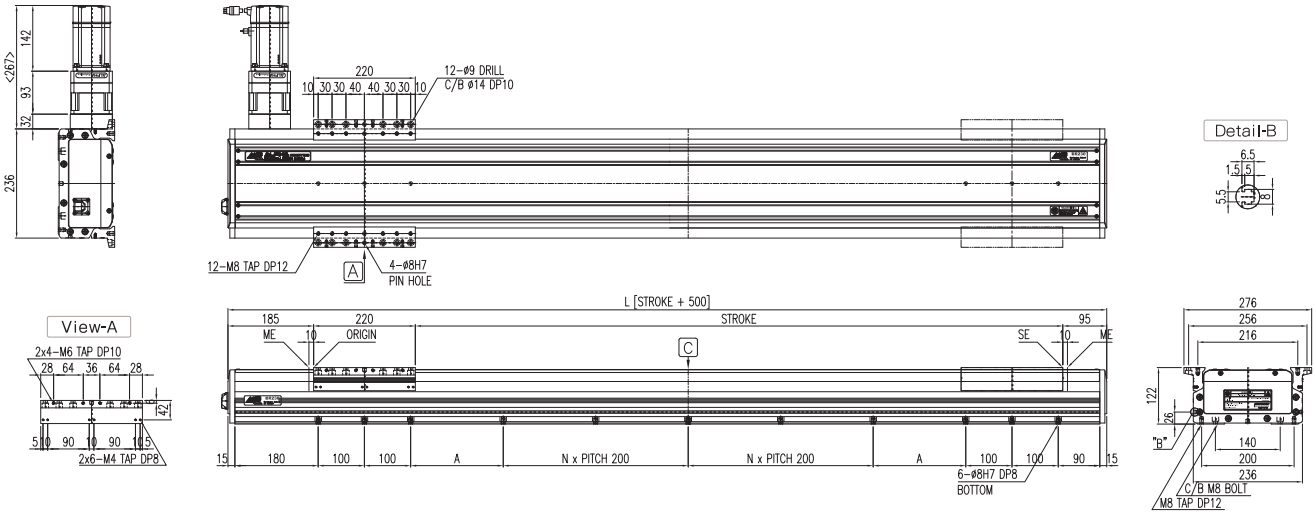
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	80	100	120
Allowable Overhang Distance - mm: Note3 Horizontal Use 		0°	1000	870	680	555
		45°	1000	1000	798	648
		90°	1000	1000	1000	1000
Note4 Wall Installation Use 		0°	1000	790	620	505
		45°	774	566	449	364
		90°	1000	980	770	625
Note5 Vertical Use 		0°	1000	860	690	570
		45°	741	559	442	371
		90°	1000	860	690	570
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR230-SL1

* All dimensions in mm



BR230-SL2



Weight	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
	SL1/2-75N-R06/R08	kg	51.0	58.9	66.7	74.6	82.4	90.3	98.2	106.0	113.9	119.1	2.62

Speed	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
	SL1/2-75N-R06/R08	mm/s	1300										
	SL1/2-75N-R06/R08	mm/s	1000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR230-SL	BR230-SR	BR230-SL	BR230-SR	BR230-PL	BR230-PR	BR230-BL	BR230-BR	BR230-UL	BR230-UR

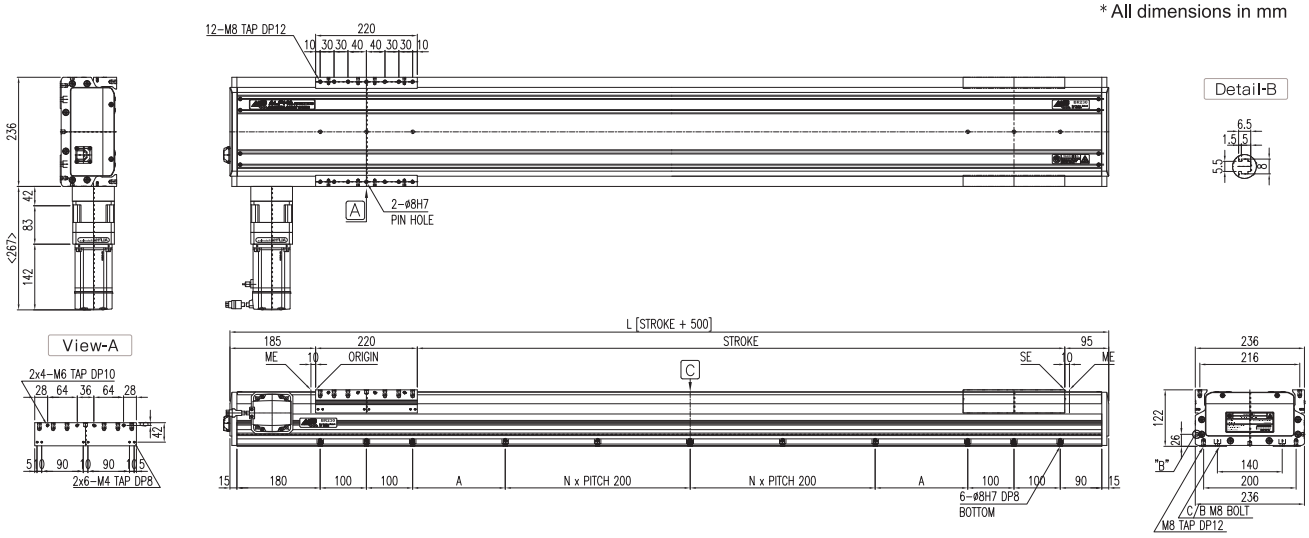
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR230-SR1/2-75N-R06/R08	
BR230-SR1 			BR230-SR2 	
Rated Output		W	750W, 3000 min^{-1}, R06	750W, 3000 min^{-1}, R08
Max. Speed	Note1	mm/s	1300	1000
Max. Load	Note2	kg	80	120
Stroke Range		mm	200 ~ 3200	
Repeatability		mm	± 0.1	
Drive Type		-	BELT	

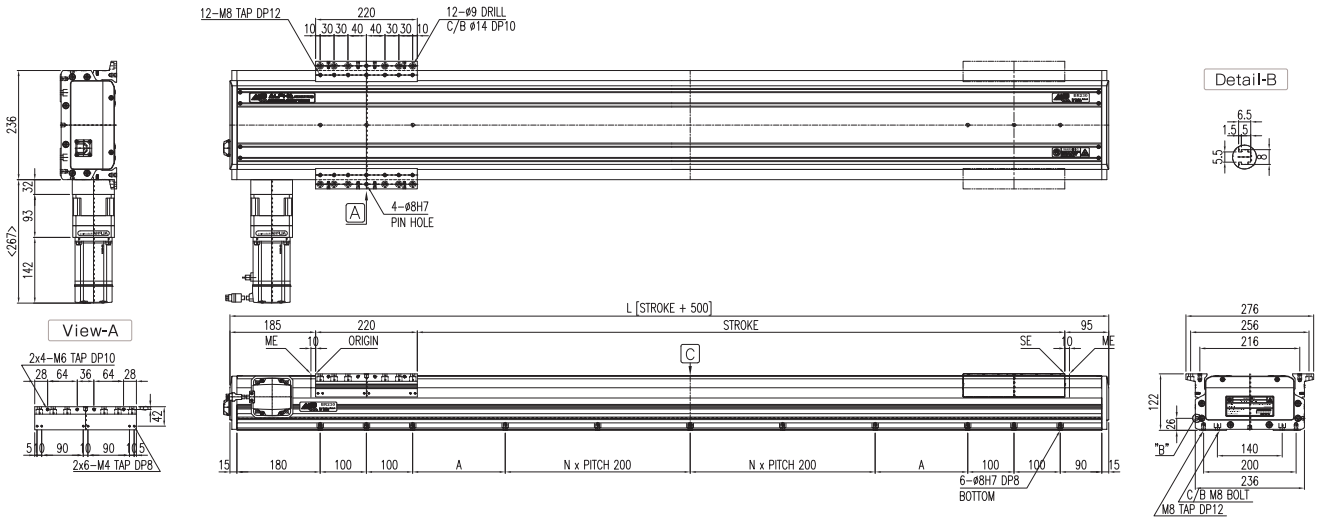
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	80	100	120
Allowable Overhang Distance - mm (Note3) Note3 Horizontal Use 		0°	1000	870	680	555
		45°	1000	1000	798	648
		90°	1000	1000	1000	1000
Note4 Wall Installation Use 		0°	1000	790	620	505
		45°	774	566	449	364
		90°	1000	980	770	625
Note5 Vertical Use 		0°	1000	860	690	570
		45°	741	559	442	371
		90°	1000	860	690	570
Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR230-SR1

* All dimensions in mm



BR230-SR2



Weight	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
	SR1/2-75N-R06/R08	kg	51.0	58.9	66.7	74.6	82.4	90.3	98.2	106.0	113.9	119.1	2.62

Speed	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
	SR1/2-75N-R06/R08	mm/s	1300										
	SR1/2-75N-R06/R08	mm/s	1000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR230-SL	BR230-SR	BR230-SL	BR230-SR	BR230-PL	BR230-PR	BR230-BL	BR230-BR	BR230-UL	BR230-UR

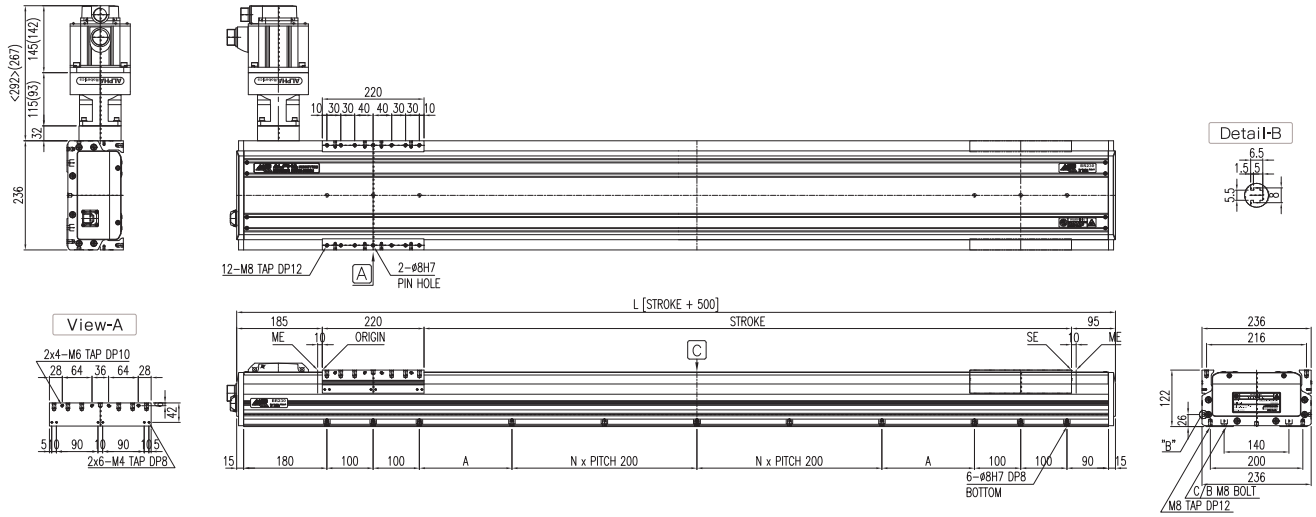
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR230-SL1/2-1KN-R03
BR230-SL1 / BR230-SL2			
Rated Output		W	1000W, 2000 min⁻¹, R03
Max. Speed	Note1	mm/s	1750
Max. Load	Note2	kg	120
Stroke Range		mm	200 ~ 3200
Repeatability		mm	± 0.1
Drive Type		-	Belt

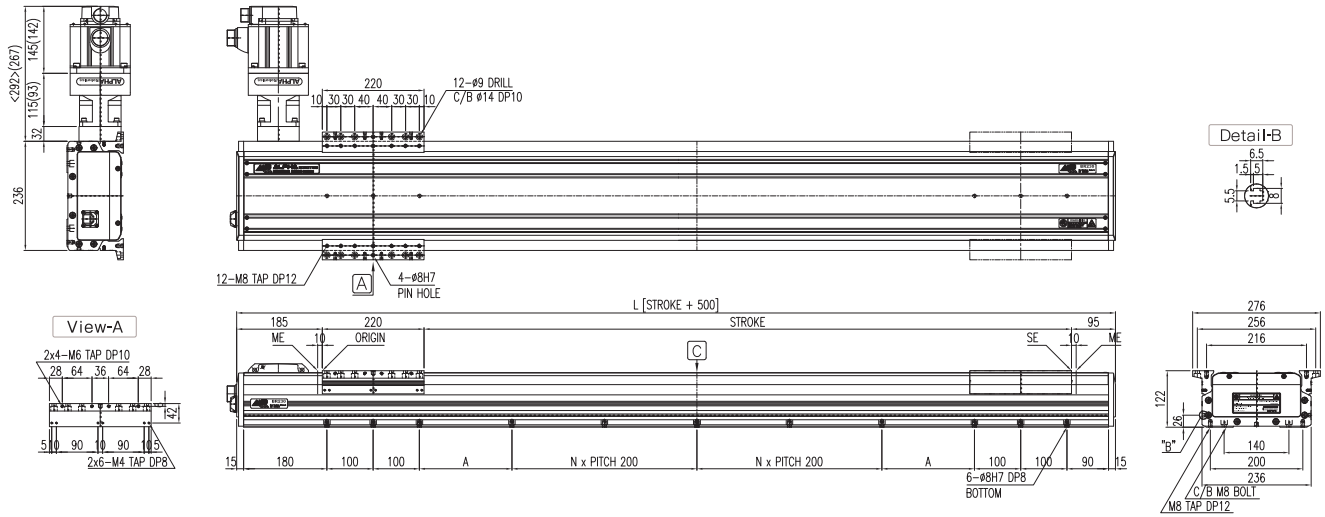
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	80	100	120
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	1000	870	680	555
		45°	1000	1000	798	648
		90°	1000	1000	1000	1000
	Note4 Wall Installation Use	0°	1000	790	620	505
		45°	774	566	449	364
		90°	1000	980	770	625
	Note5 Vertical Use	0°	1000	860	690	570
		45°	741	559	442	371
		90°	1000	860	690	570
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR230-SL1

* All dimensions in mm



BR230-SL2



	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
Weight	SL1/2-1KN-R03	kg	54.6	62.5	70.3	78.2	86.0	93.9	101.8	109.6	117.5	122.7	2.62
Speed	SL1/2-1KN-R03	mm/s	1750										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR230-SL	BR230-SR	BR230-SL	BR230-SR	BR230-PL	BR230-PR	BR230-BL	BR230-BR	BR230-UL	BR230-UR

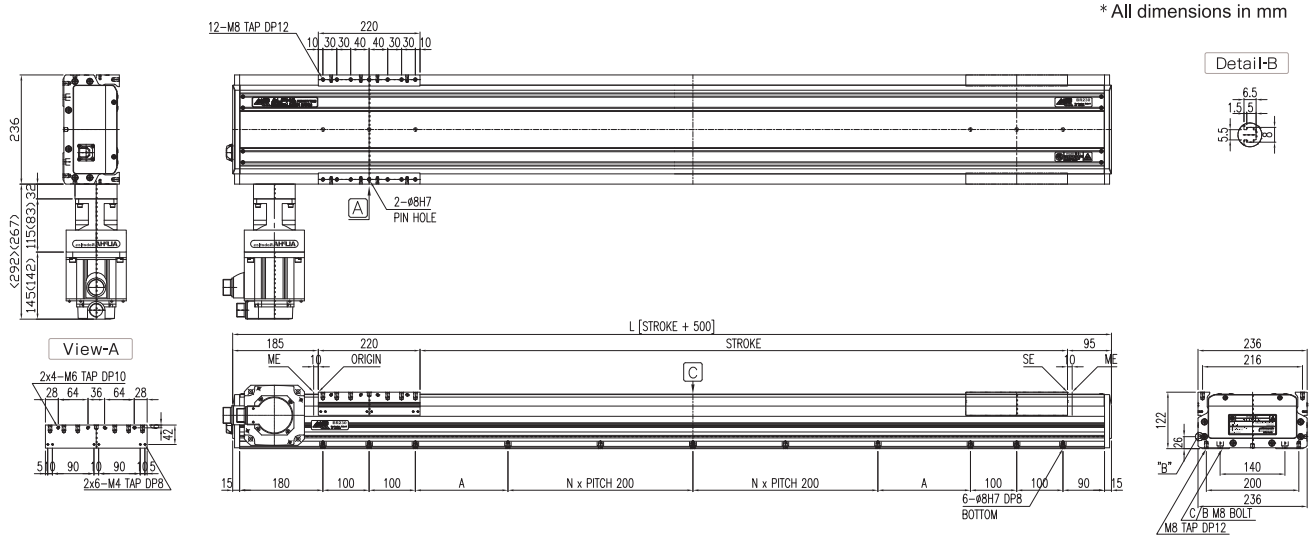
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	BR230-SR1/2-1KN-R03
BR230-SR1 / BR230-SR2		
Rated Output	W	1000W, 2000 min⁻¹, R03
Max. Speed Note1	mm/s	1750
Max. Load Note2	kg	120
Stroke Range	mm	200 ~ 3200
Repeatability	mm	±0.1
Drive Type	-	Belt

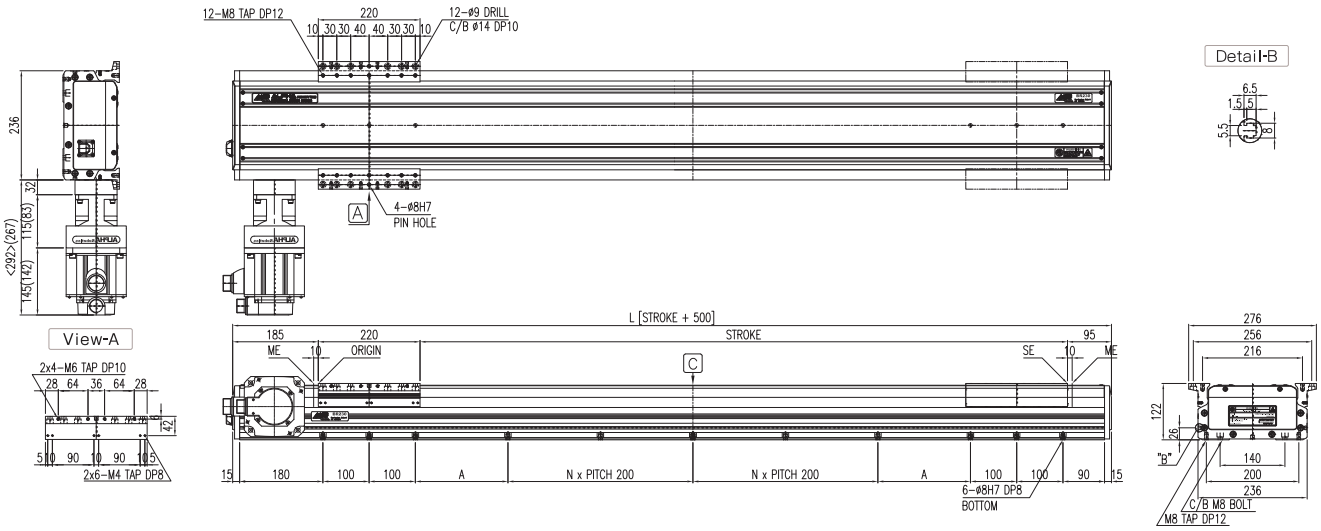
Specification	Unit	Data			
Acceleration	G	0.3			
Load	kg	60	80	100	120
Allowable Overhang Distance - mm: Note3 Horizontal Use	0°	1000	870	680	555
	45°	1000	1000	798	648
	90°	1000	1000	1000	1000
Note4 Wall Installation Use	0°	1000	790	620	505
	45°	774	566	449	364
	90°	1000	980	770	625
Note5 Vertical Use	0°	1000	860	690	570
	45°	741	559	442	371
	90°	1000	860	690	570
Note3 Estimated Condition	Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)		
	Life in traveled distance : 30000 km				

BR230-SR1

* All dimensions in mm



BR230-SR2



	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
Weight	SR1/2-1KN-R03	kg	54.6	62.5	70.3	78.2	86.0	93.9	101.8	109.6	117.5	122.7	2.62
Speed	SR1/2-1KN-R03	mm/s	1750										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR230-SL	BR230-SR	BR230-SL	BR230-SR	BR230-PL	BR230-PR	BR230-BL	BR230-BR	BR230-UL	BR230-UR

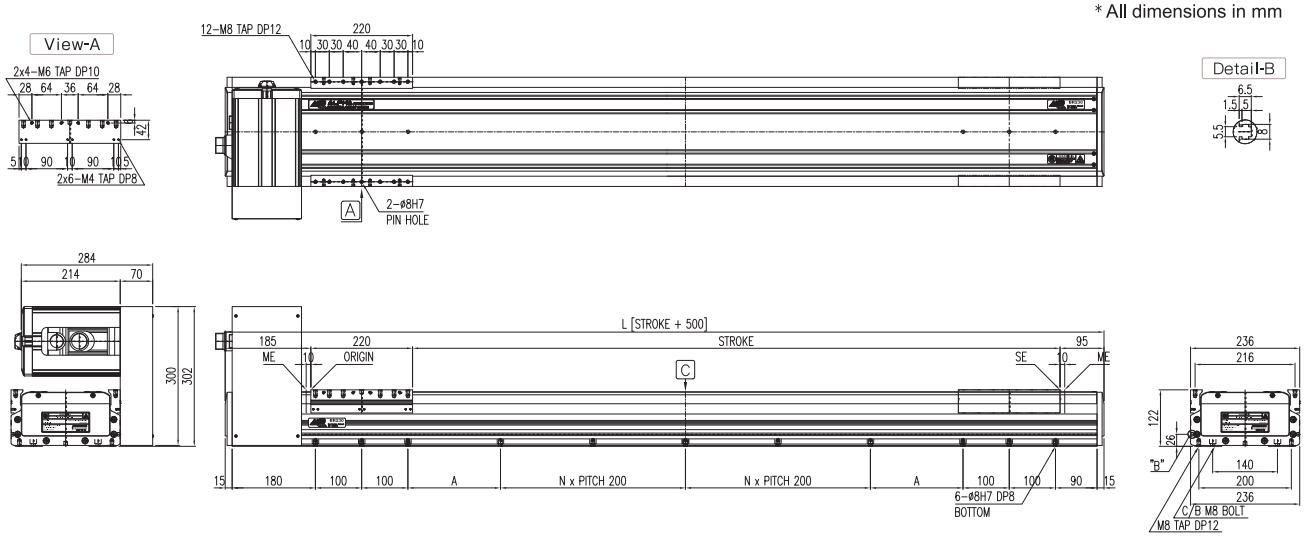
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	BR230-PL1/2-1KN
BR230-PL1 		BR230-PL2 
Rated Output	W	1000W, 2000 min^{-1}
Max. Speed Note1	mm/s	2000
Max. Load Note2	kg	120
Stroke Range	mm	200 ~ 3200
Repeatability	mm	± 0.1
Drive Type	-	BELT

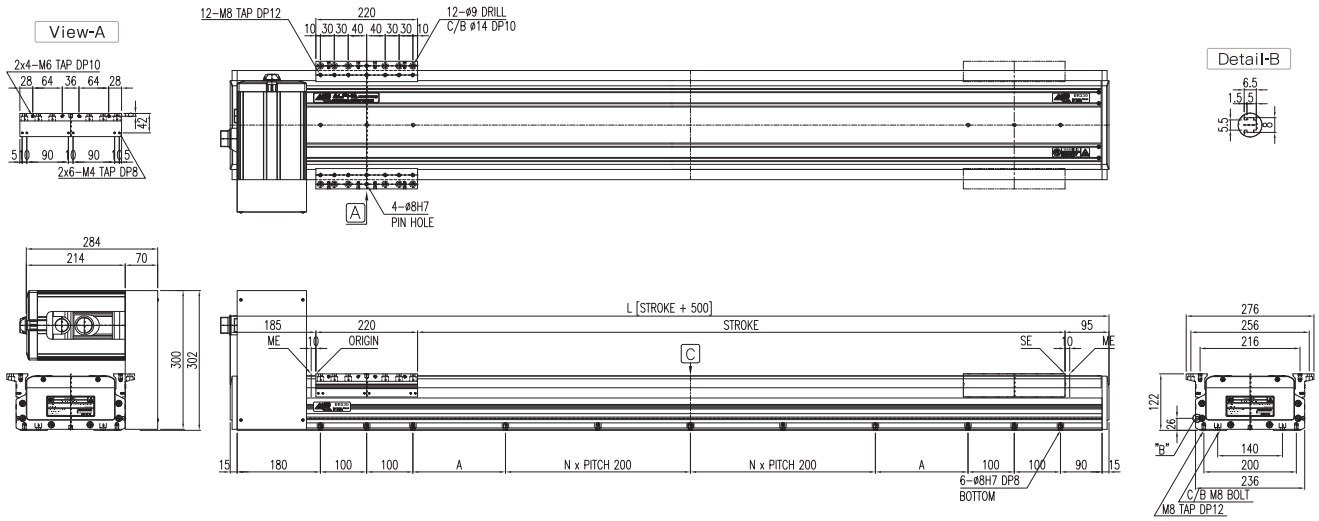
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	80	100	120
Allowable Overhang Distance - mm: Note3 Horizontal Use 		0°	1000	870	680	555
		45°	1000	1000	798	648
		90°	1000	1000	1000	1000
Note4 Wall Installation Use 		0°	1000	790	620	505
		45°	774	566	449	364
		90°	1000	980	770	625
Note5 Vertical Use 		0°	1000	860	690	570
		45°	741	559	442	371
		90°	1000	860	690	570
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR230-PL1

* All dimensions in mm



BR230-PL2



Weight	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
	PL1/2-1KN	kg	58.5	66.4	74.3	82.1	90.0	97.8	105.7	113.6	121.4	126.7	2.62

Speed	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
	PL1/2-1KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR230-SL	BR230-SR	BR230-SL	BR230-SR	BR230-PL	BR230-PR	BR230-BL	BR230-BR	BR230-UL	BR230-UR

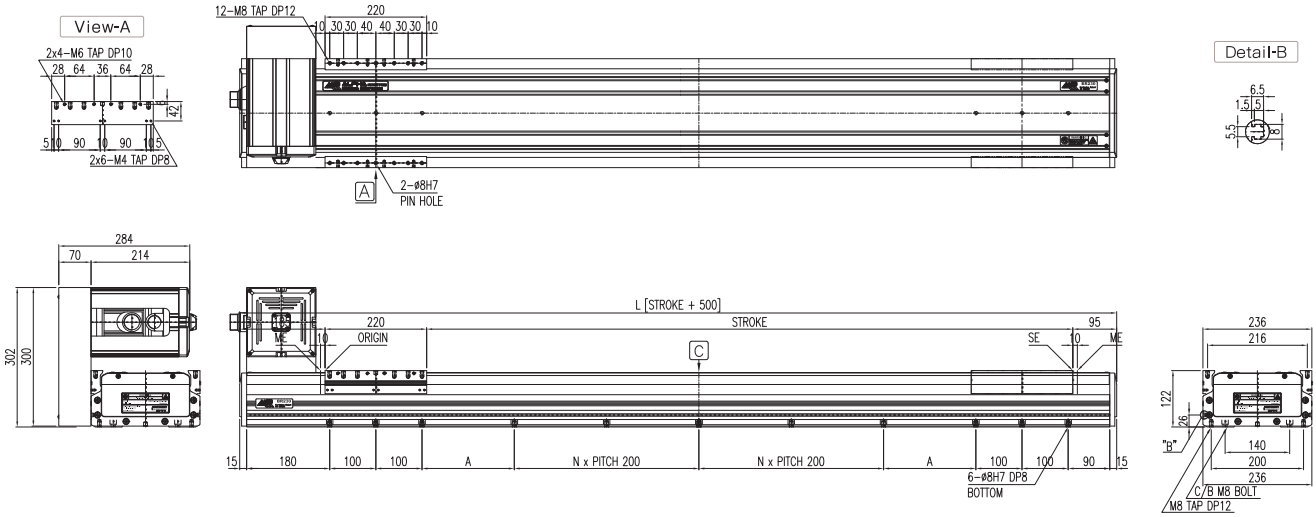
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	BR230-PR1/2-1KN
BR230-PR1 		BR230-PR2 
Rated Output	W	1000W, 2000 min^{-1}
Max. Speed Note1	mm/s	2000
Max. Load Note2	kg	120
Stroke Range	mm	200 ~ 3200
Repeatability	mm	± 0.1
Drive Type	-	BELT

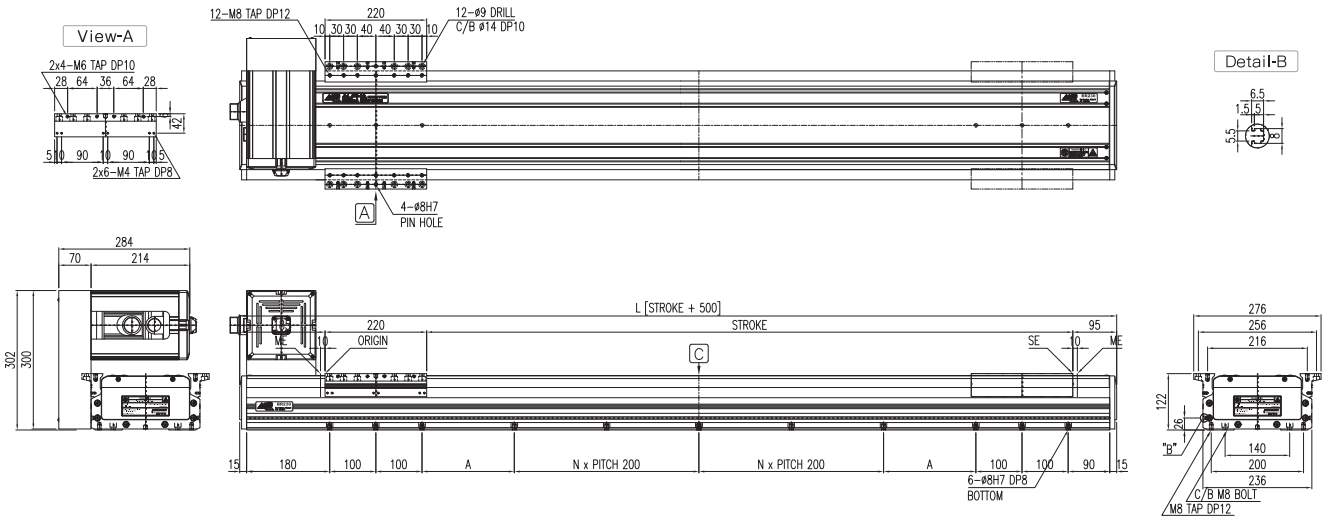
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	80	100	120
Allowable Overhang Distance - mm	Note3 Horizontal Use 	0°	1000	870	680	555
		45°	1000	1000	798	648
		90°	1000	1000	1000	1000
	Note4 Wall Installation Use 	0°	1000	790	620	505
		45°	774	566	449	364
		90°	1000	980	770	625
	Note5 Vertical Use 	0°	1000	860	690	570
		45°	741	559	442	371
		90°	1000	860	690	570
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR230-PR1

* All dimensions in mm



BR230-PR2



	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
Weight	PR1/2-1KN	kg	58.5	66.4	74.3	82.1	90.0	97.8	105.7	113.6	121.4	126.7	2.62
Speed	PR1/2-1KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR230-SL	BR230-SR	BR230-SL	BR230-SR	BR230-PL	BR230-PR	BR230-BL	BR230-BR	BR230-UL	BR230-UR

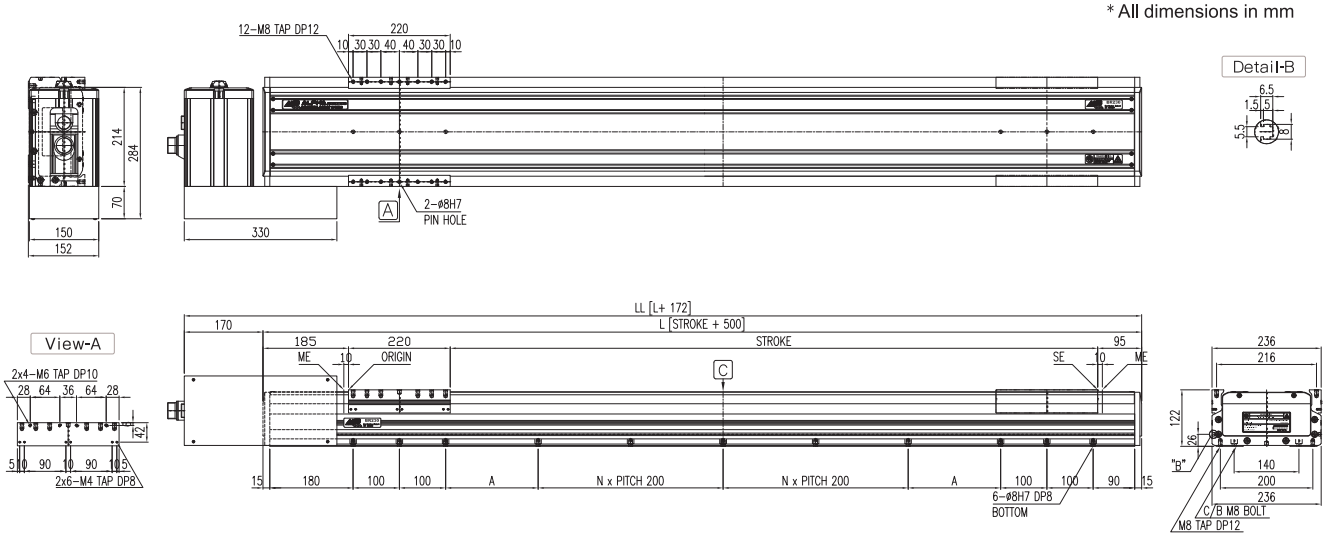
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	BR230-BL1/2-1KN
BR230-BL1 		BR230-BL2 
Rated Output	W	1000W, 2000 min^{-1}
Max. Speed Note1	mm/s	2000
Max. Load Note2	kg	120
Stroke Range	mm	200 ~ 3200
Repeatability	mm	± 0.1
Drive Type	-	BELT

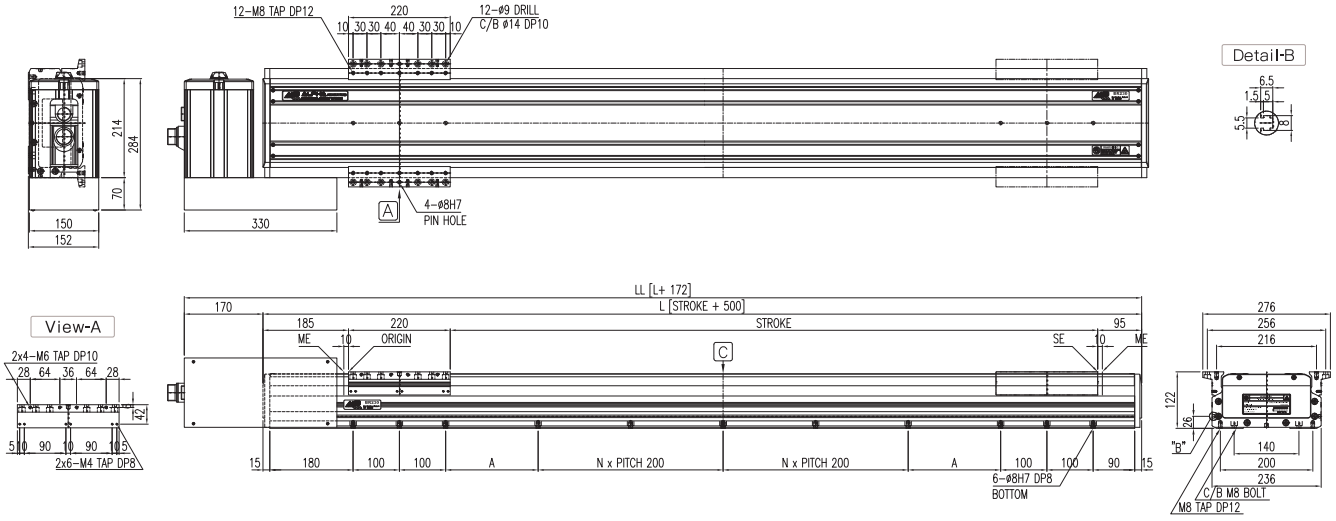
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	80	100	120
Allowable Overhang Distance - mm: Note3 Horizontal Use 		0°	1000	870	680	555
		45°	1000	1000	798	648
		90°	1000	1000	1000	1000
Note4 Wall Installation Use 		0°	1000	790	620	505
		45°	774	566	449	364
		90°	1000	980	770	625
Note5 Vertical Use 		0°	1000	860	690	570
		45°	741	559	442	371
		90°	1000	860	690	570
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR230-BL1

* All dimensions in mm



BR230-BL2



	Model / Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
Weight	BL1/2-1KN	kg	58.5	66.4	74.3	82.1	90.0	97.8	105.7	113.6	121.4	126.7	2.62
Speed	BL1/2-1KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

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NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR230-SL	BR230-SR	BR230-SL	BR230-SR	BR230-PL	BR230-PR	BR230-BL	BR230-BR	BR230-UL	BR230-UR

Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

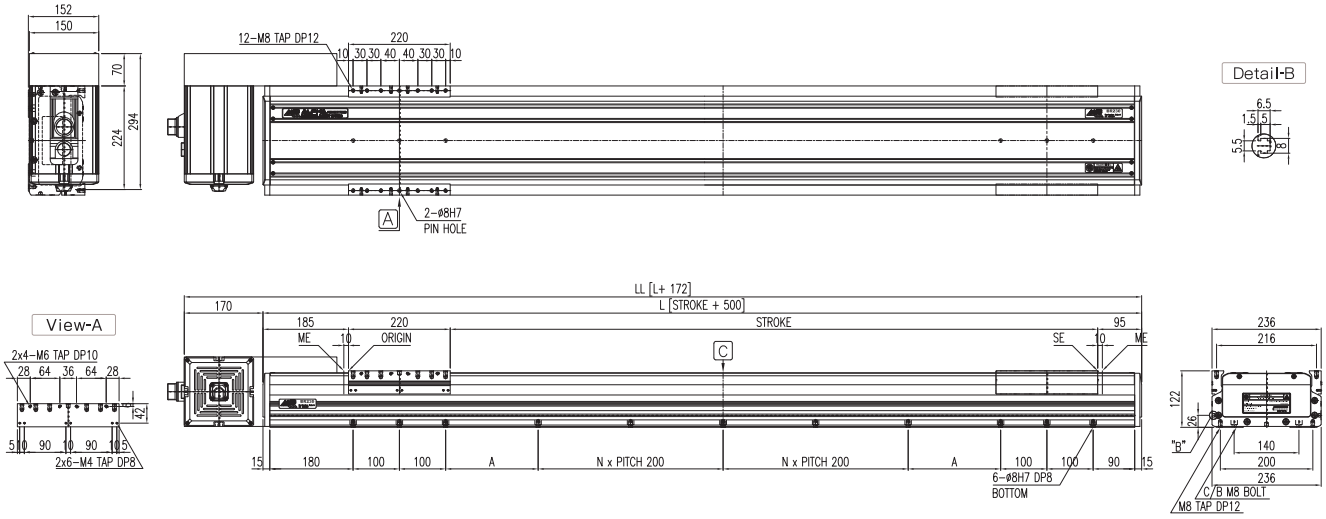
Specification		Unit	BR230-BR1/2-1KN
BR230-BR1 / BR230-BR2			
Rated Output		W	1000W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	120
Stroke Range		mm	200 ~ 3200
Repeatability		mm	± 0.1
Drive Type		-	BELT

Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	80	100	120
Note3 Horizontal Use	0°		1000	870	680	555
	45°		1000	1000	798	648
	90°		1000	1000	1000	1000
Note4 Wall Installation Use	0°		1000	790	620	505
	45°		774	566	449	364
	90°		1000	980	770	625
Note5 Vertical Use	0°		1000	860	690	570
	45°		741	559	442	371
	90°		1000	860	690	570
Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

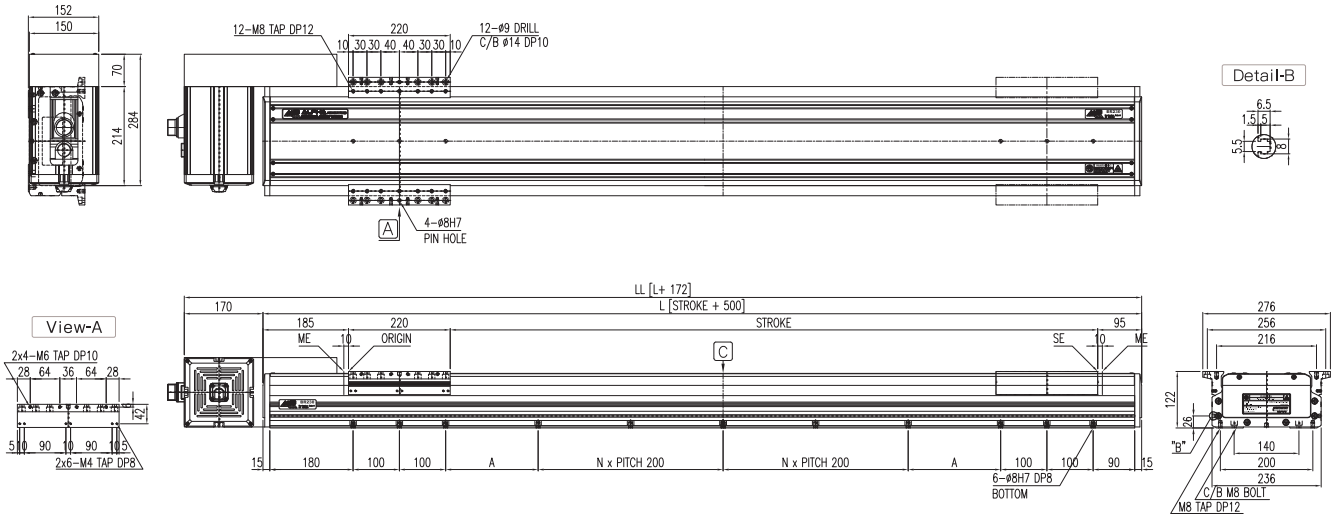
Allowable Overhang Distance - mm (Note3)

BR230-BR1

* All dimensions in mm



BR230-BR2



Weight	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
	BR1/2-1KN	kg	58.5	66.4	74.3	82.1	90.0	97.8	105.7	113.6	121.4	126.7	2.62

Speed	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
	BR1/2-1KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR230-SL	BR230-SR	BR230-SL	BR230-SR	BR230-PL	BR230-PR	BR230-BL	BR230-BR	BR230-UL	BR230-UR

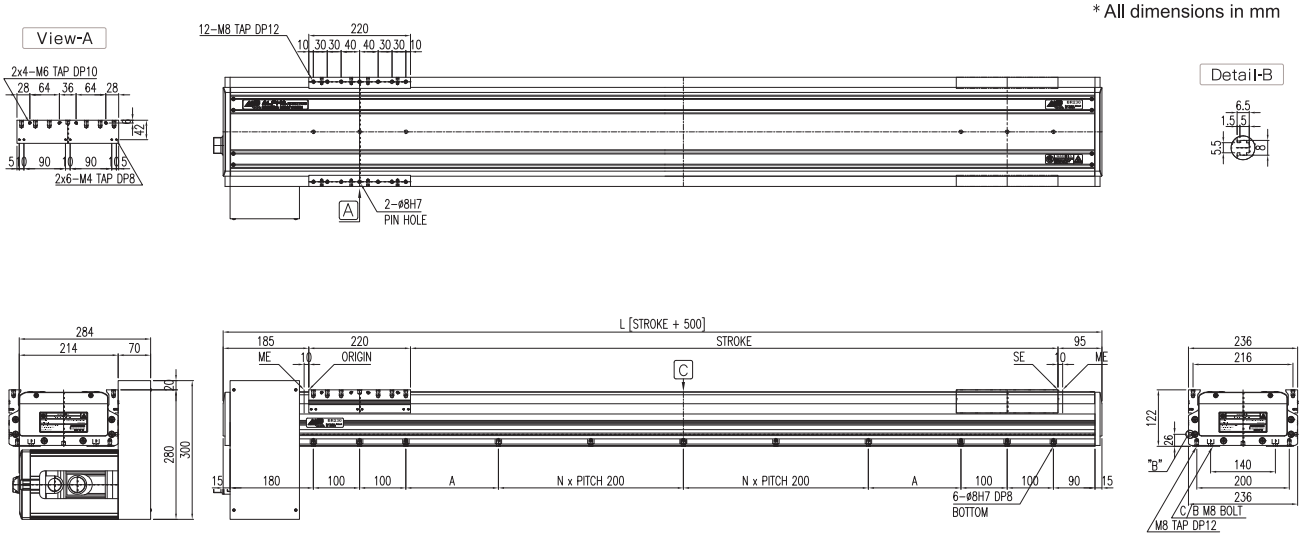
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR230-UL1/2-1KN
BR230-UL1 / BR230-UL2			
Rated Output		W	1000W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	120
Stroke Range		mm	200 ~ 3200
Repeatability		mm	± 0.1
Drive Type		-	BELT

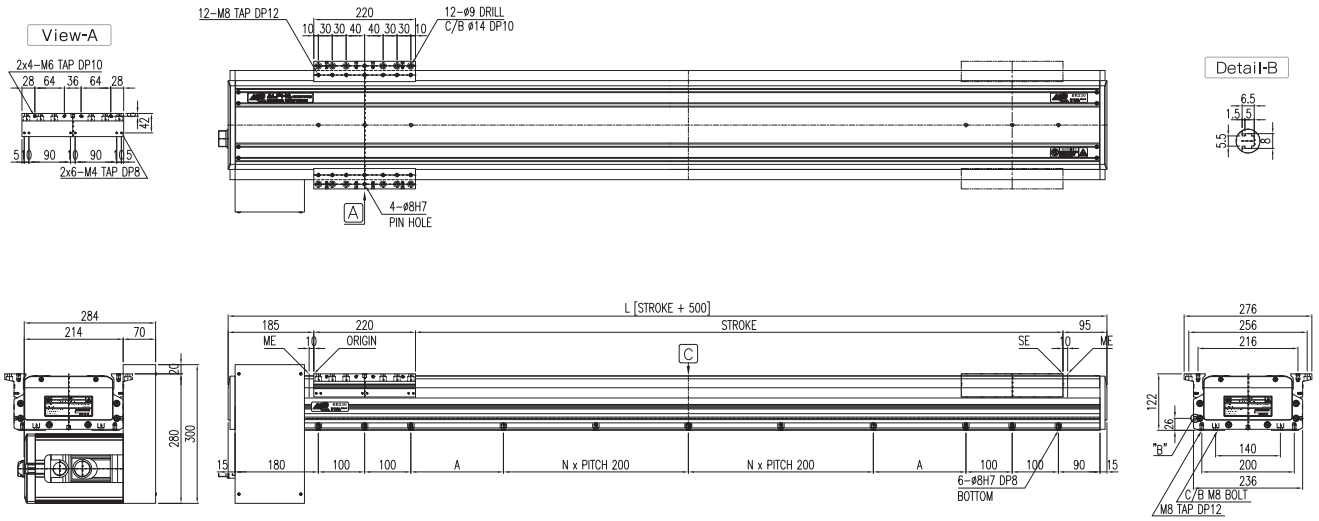
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	80	100	120
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	1000	870	680	555
		45°	1000	1000	798	648
		90°	1000	1000	1000	1000
	Note4 Wall Installation Use	0°	1000	790	620	505
		45°	774	566	449	364
		90°	1000	980	770	625
	Note5 Vertical Use	0°	1000	860	690	570
		45°	741	559	442	371
		90°	1000	860	690	570
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR230-UL1

* All dimensions in mm



BR230-UL2



Weight	Model / Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
	UL1/2-1KN	kg	58.5	66.4	74.3	82.1	90.0	97.8	105.7	113.6	121.4	126.7	2.62

Speed	Model / Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
	UL1/2-1KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR230-SL	BR230-SR	BR230-SL	BR230-SR	BR230-PL	BR230-PR	BR230-BL	BR230-BR	BR230-UL	BR230-UR

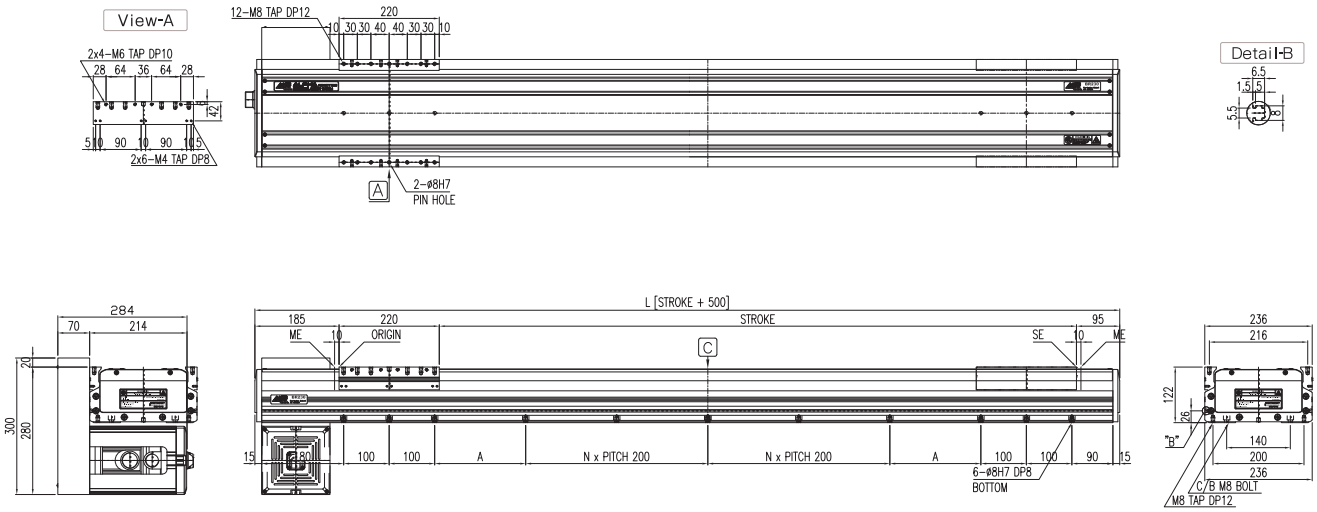
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	BR230-UR1/2-1KN
BR230-UR1 / BR230-UR2		
Rated Output	W	1000W, 2000 min^{-1}
Max. Speed Note1	mm/s	2000
Max. Load Note2	kg	120
Stroke Range	mm	200 ~ 3200
Repeatability	mm	±0.1
Drive Type	-	BELT

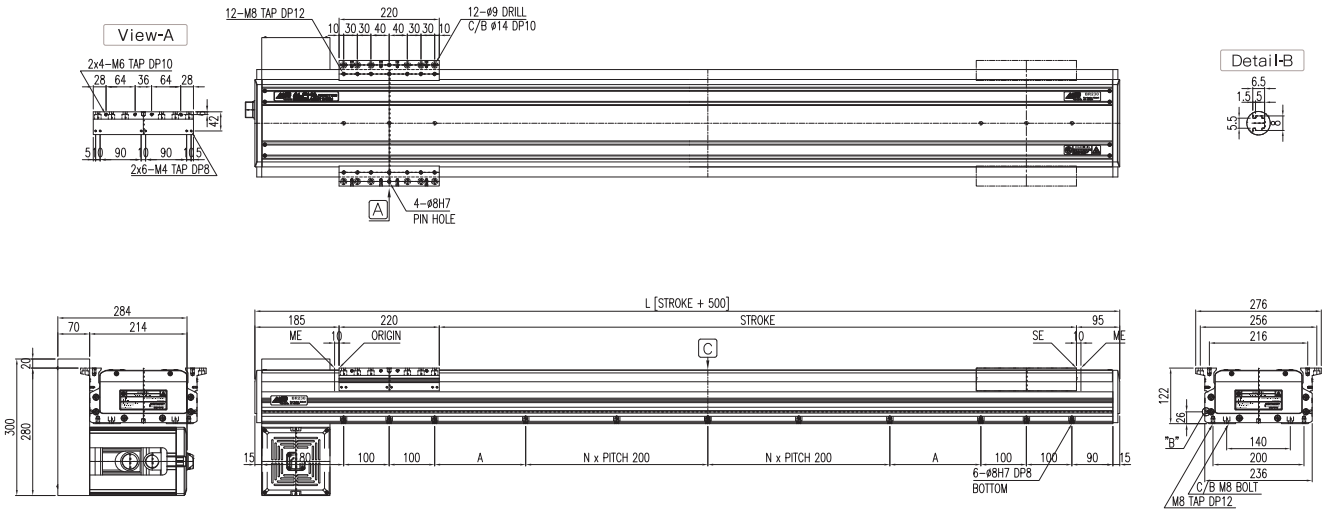
Specification	Unit	Data			
Acceleration	G	0.3			
Load	kg	60	80	100	120
Allowable Overhang Distance - mm: Note3 Horizontal Use	0°	1000	870	680	555
	45°	1000	1000	798	648
	90°	1000	1000	1000	1000
Note4 Wall Installation Use	0°	1000	790	620	505
	45°	774	566	449	364
	90°	1000	980	770	625
Note5 Vertical Use	0°	1000	860	690	570
	45°	741	559	442	371
	90°	1000	860	690	570
Note3 Estimated Condition	Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)		
	Life in traveled distance : 30000 km				

BR230-UR1

* All dimensions in mm



BR230-UR2



Weight	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
	UR1/2-1KN	kg	58.5	66.4	74.3	82.1	90.0	97.8	105.7	113.6	121.4	126.7	2.62

Speed	Model \ Stroke	Units	600	900	1200	1500	1800	2100	2400	2700	3000	3200	Offset(100)
	UR1/2-1KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR300-SL	BR300-SR	BR300-PL	BR300-PR	BR300-BL	BR300-BR	BR300-UL	BR300-UR

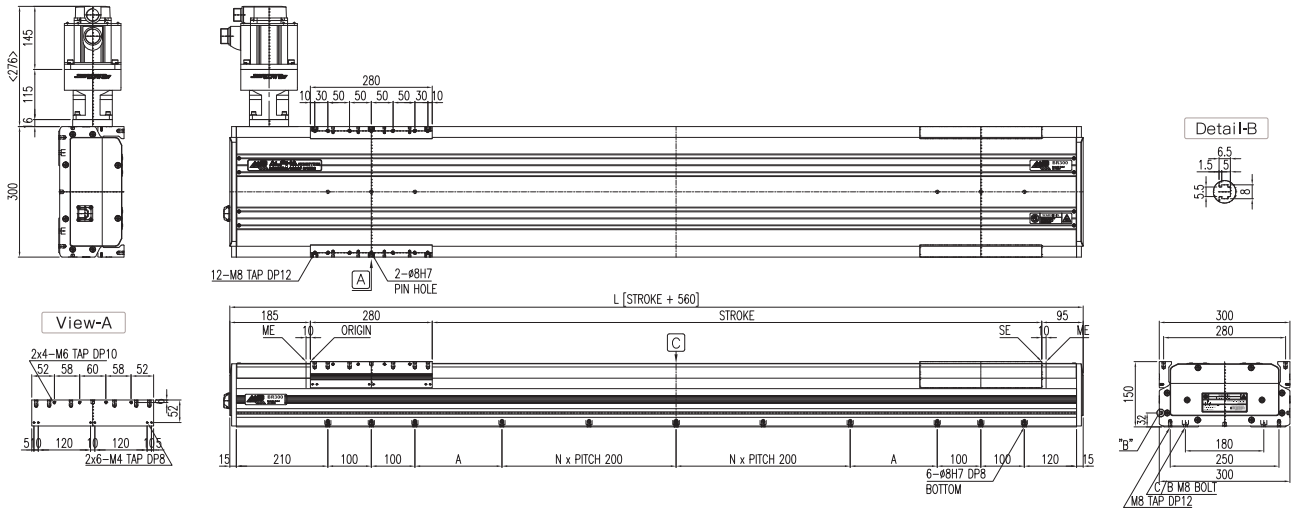
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR300-SL1/2-1KN-R03
BR300-SL1 / BR300-SL2			
Rated Output		W	1000W, 2000 min⁻¹, R03
Max. Speed	Note1	mm/s	1750
Max. Load	Note2	kg	160
Stroke Range		mm	200 ~ 3500
Repeatability		mm	±0.1
Drive Type		-	BELT

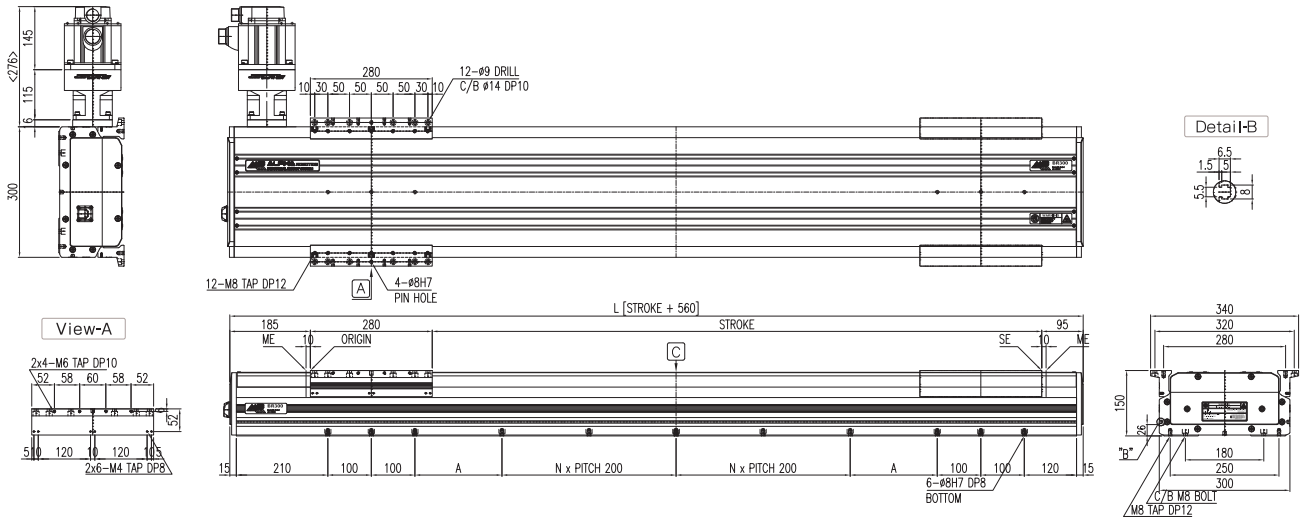
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	90	130	160
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	1200	1200	1000	795
		45°	1200	1200	1170	930
		90°	1200	1200	1200	1200
	Note4 Wall Installation Use	0°	1200	1200	985	780
		45°	1200	1014	683	540
		90°	1200	1200	1120	890
	Note5 Vertical Use	0°	1200	1200	1080	880
		45°	1200	1014	702	572
		90°	1200	1200	1080	880
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR300-SL1

* All dimensions in mm



BR300-SL2



Weight	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
	SL1/2-1KN-R03	kg	95.8	108.8	121.8	134.9	147.9	160.9	173.9	186.9	200.0	208.6	4.34

Speed	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
	SL1/2-1KN-R03	mm/s	1750										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
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Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

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NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR300-SL	BR300-SR	BR300-PL	BR300-PR	BR300-BL	BR300-BR	BR300-UL	BR300-UR

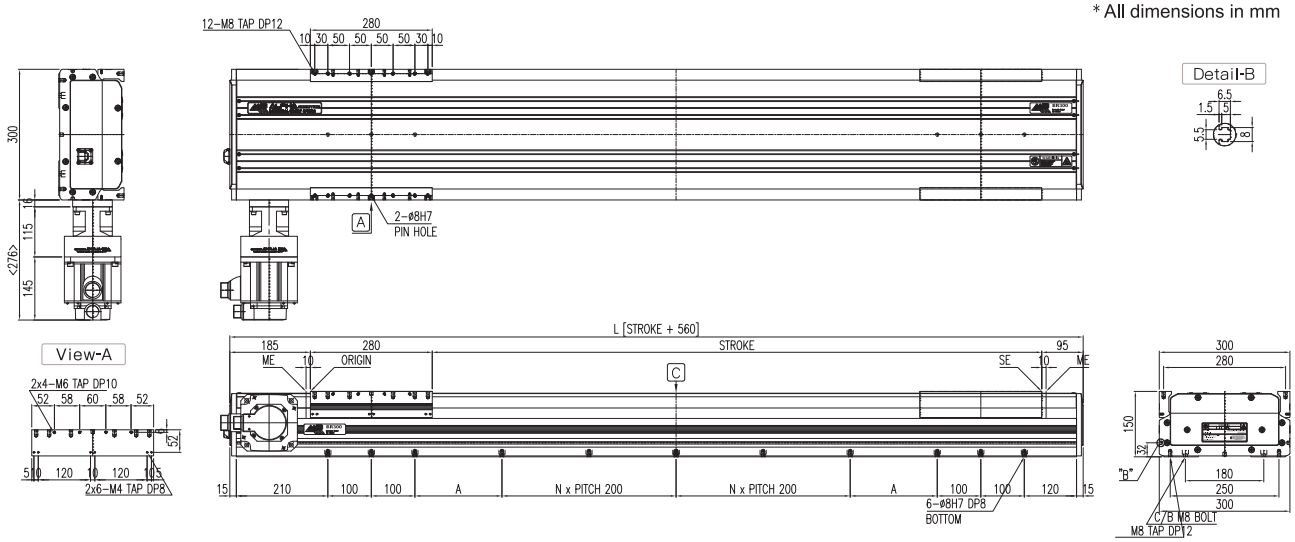
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR300-SR1/2-1KN-R03
BR300-SR1 / BR300-SR2			
Rated Output		W	1000W, 2000 min⁻¹, R03
Max. Speed	Note1	mm/s	1750
Max. Load	Note2	kg	160
Stroke Range		mm	200 ~ 3500
Repeatability		mm	±0.1
Drive Type		-	BELT

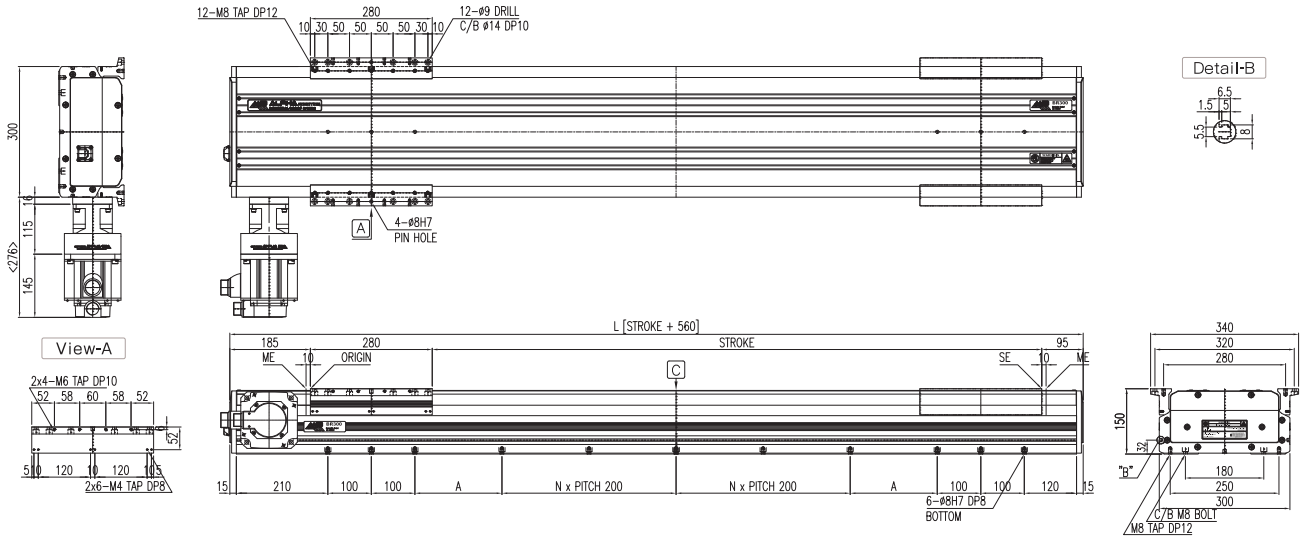
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	90	130	160
Allowable Overhang Distance - mm (Note3 Horizontal Use)		0°	1200	1200	1000	795
		45°	1200	1200	1170	930
		90°	1200	1200	1200	1200
(Note4 Wall Installation Use)		0°	1200	1200	985	780
		45°	1200	1014	683	540
		90°	1200	1200	1120	890
(Note5 Vertical Use)		0°	1200	1200	1080	880
		45°	1200	1014	702	572
		90°	1200	1200	1080	880
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR300-SR1

* All dimensions in mm



BR300-SR2



Weight	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
	SR1/2-1KN-R03	kg	95.8	108.8	121.8	134.9	147.9	160.9	173.9	186.9	200.0	208.6	4.34

Speed	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
	SR1/2-1KN-R03	mm/s	1750										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

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NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR300-SL	BR300-SR	BR300-PL	BR300-PR	BR300-BL	BR300-BR	BR300-UL	BR300-UR

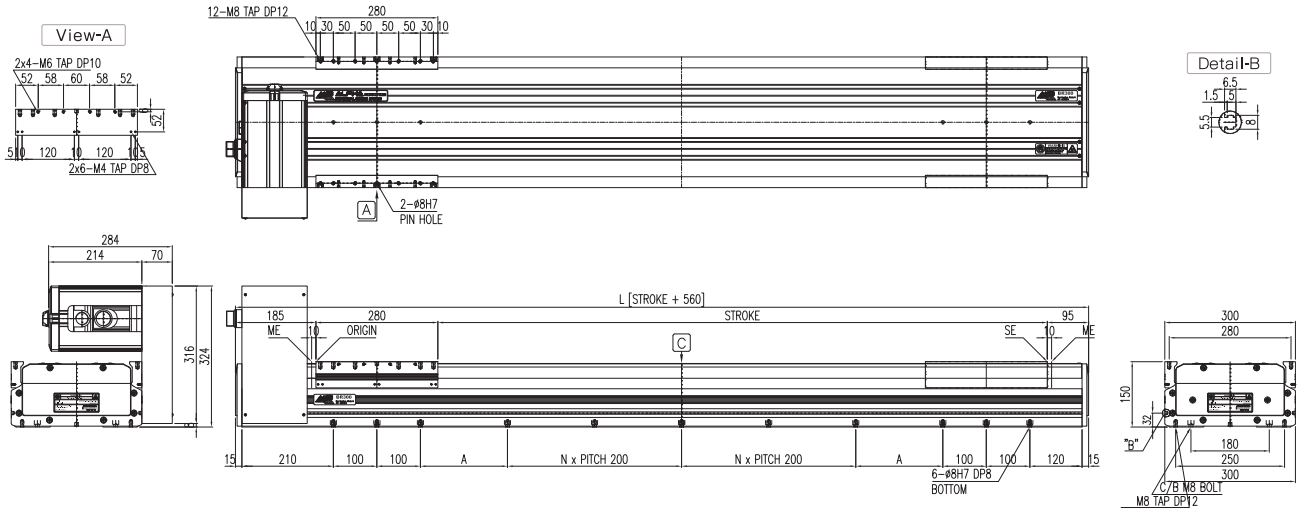
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR300-PL1/2-1KN/1.5KN	
BR300-PL1 			BR300-PL2 	
Rated Output		W	1000W, 2000 min^{-1}	1500W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000	
Max. Load	Note2	kg	120	160
Stroke Range		mm	200 ~ 3500	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

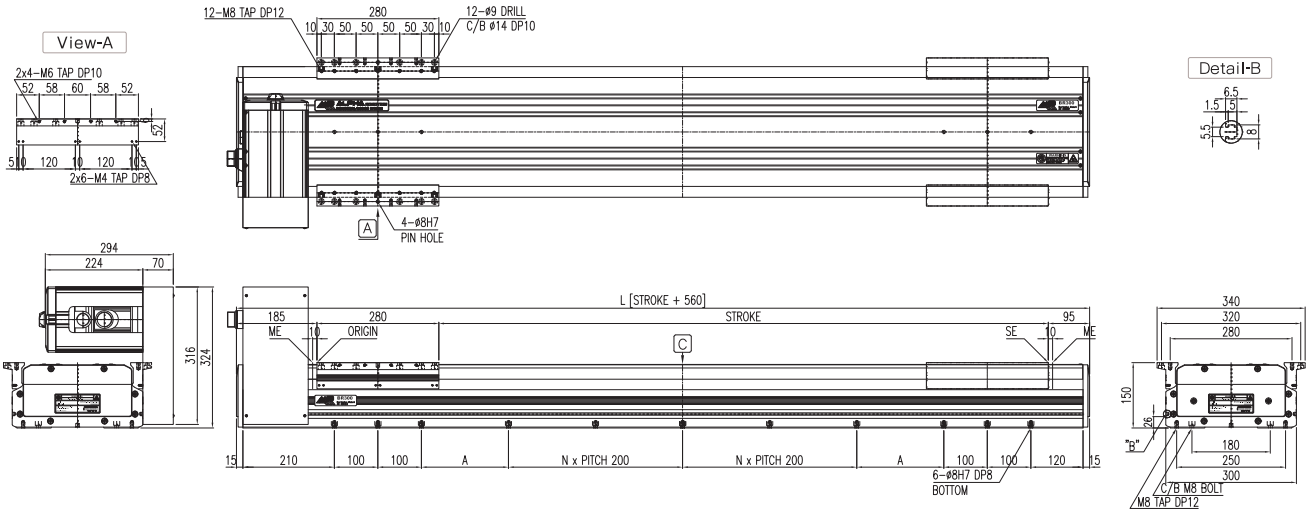
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	90	130	160
Allowable Overhang Distance - mm	Note3 Horizontal Use 	0°	1200	1200	1000	795
		45°	1200	1200	1170	930
		90°	1200	1200	1200	1200
	Note4 Wall Installation Use 	0°	1200	1200	985	780
		45°	1200	1014	683	540
		90°	1200	1200	1120	890
	Note5 Vertical Use 	0°	1200	1200	1080	880
		45°	1200	1014	702	572
		90°	1200	1200	1080	880
Note3	Estimated Condition		Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR300-PL1

* All dimensions in mm



BR300-PL2



	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
Weight	PL1/2-1KN	kg	103.1	116.1	129.2	142.2	155.2	168.2	181.2	194.3	207.3	216.0	4.34
	PL1/2-1.5KN	kg	101.9	114.9	128.0	141.0	154.0	167.0	180.0	193.1	206.1	214.8	4.34
Speed	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
	PL1/2-1KN/1.5KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
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NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR300-SL	BR300-SR	BR300-PL	BR300-PR	BR300-BL	BR300-BR	BR300-UL	BR300-UR

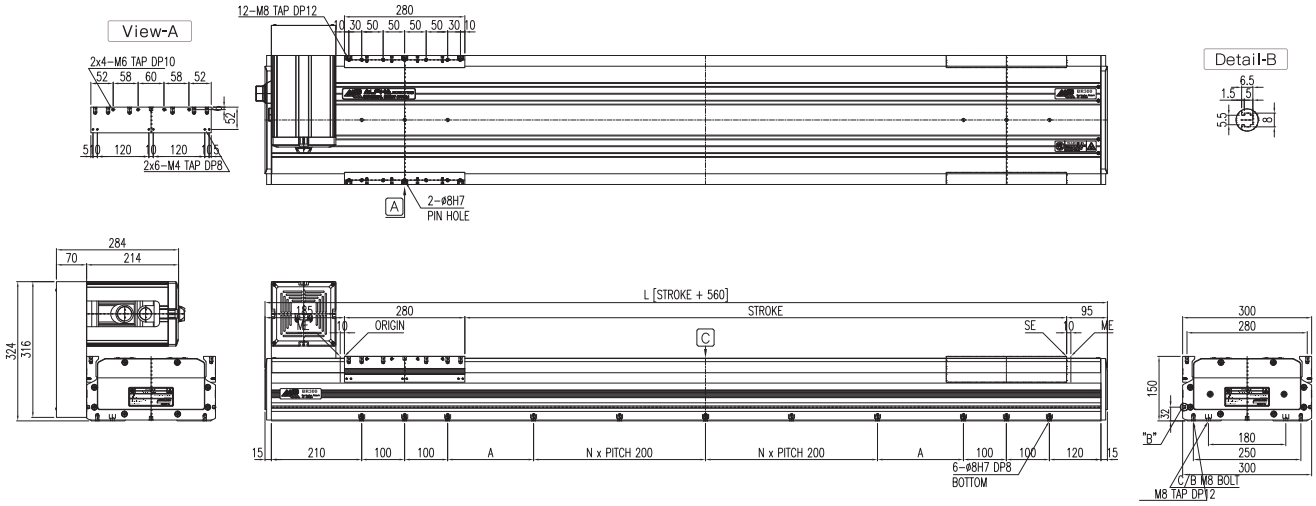
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR300-PR1/2-1KN/1.5KN	
BR300-PR1 			BR300-PR2 	
Rated Output		W	1000W, 2000 min^{-1}	1500W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000	
Max. Load	Note2	kg	120	160
Stroke Range		mm	200 ~ 3500	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

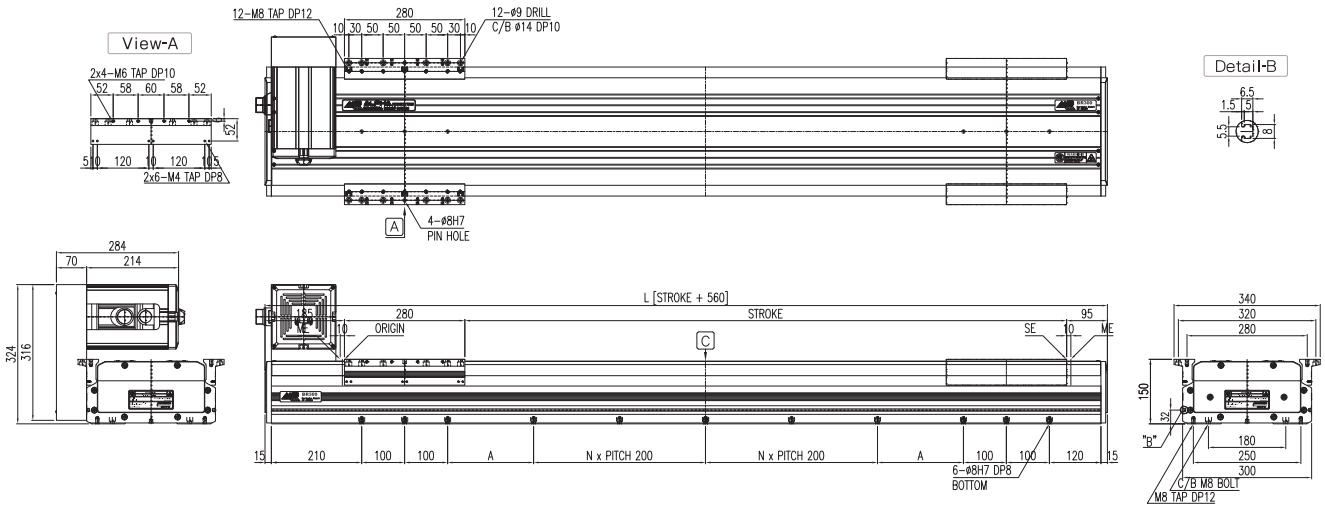
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	90	130	160
Allowable Overhang Distance - mm	Note3 Horizontal Use 	0°	1200	1200	1000	795
		45°	1200	1200	1170	930
		90°	1200	1200	1200	1200
	Note4 Wall Installation Use 	0°	1200	1200	985	780
		45°	1200	1014	683	540
		90°	1200	1200	1120	890
	Note5 Vertical Use 	0°	1200	1200	1080	880
		45°	1200	1014	702	572
		90°	1200	1200	1080	880
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR300-PR1

* All dimensions in mm



BR300-PR2



Weight	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
	PR1/2-1KN	kg	103.1	116.1	129.2	142.2	155.2	168.2	181.2	194.3	207.3	216.0	4.34
	PR1/2-1.5KN	kg	101.9	114.9	128.0	141.0	154.0	167.0	180.0	193.1	206.1	214.8	4.34

Speed	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
	PR1/2-1KN/1.5KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR300-SL	BR300-SR	BR300-PL	BR300-PR	BR300-BL	BR300-BR	BR300-UL	BR300-UR

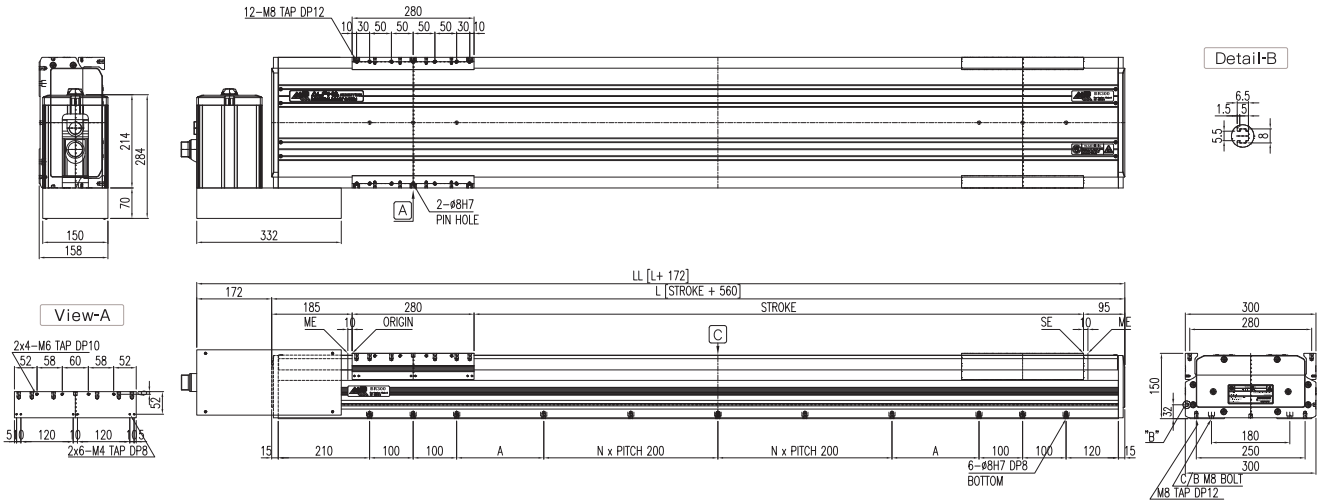
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR300-BL1/2-1KN/1.5KN	
BR300-BL1			BR300-BL2	
Rated Output		W	1000W, 2000 min^{-1}	1500W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000	
Max. Load	Note2	kg	120	160
Stroke Range		mm	200 ~ 3500	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

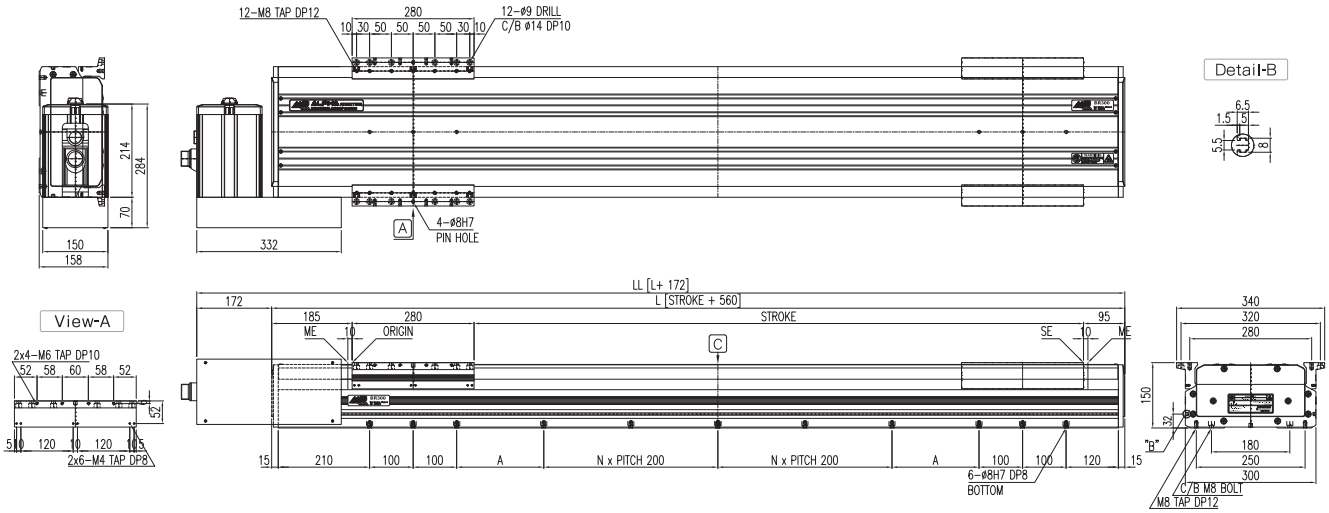
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	90	130	160
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	1200	1200	1000	795
		45°	1200	1200	1170	930
		90°	1200	1200	1200	1200
	Note4 Wall Installation Use	0°	1200	1200	985	780
		45°	1200	1014	683	540
		90°	1200	1200	1120	890
	Note5 Vertical Use	0°	1200	1200	1080	880
		45°	1200	1014	702	572
		90°	1200	1200	1080	880
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR300-BL1

* All dimensions in mm



BR300-BL2



	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
Weight	BL1/2-1KN	kg	103.1	116.1	129.2	142.2	155.2	168.2	181.2	194.3	207.3	216.0	4.34
	BL1/2-1.5KN	kg	101.9	114.9	128.0	141.0	154.0	167.0	180.0	193.1	206.1	214.8	4.34
Speed	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
	BL1/2-1KN/1.5KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR300-SL	BR300-SR	BR300-PL	BR300-PR	BR300-BL	BR300-BR	BR300-UL	BR300-UR

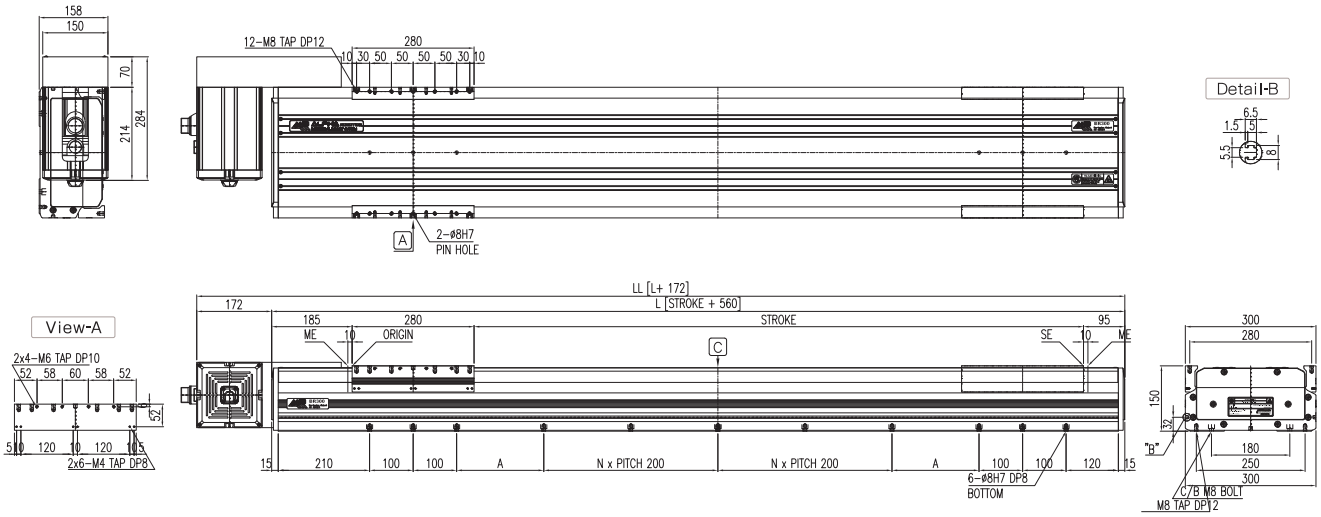
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR300-BR1/2-1KN/1.5KN	
BR300-BR1 			BR300-BR2 	
Rated Output		W	1000W, 2000 min^{-1}	1500W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000	
Max. Load	Note2	kg	120	160
Stroke Range		mm	200 ~ 3500	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

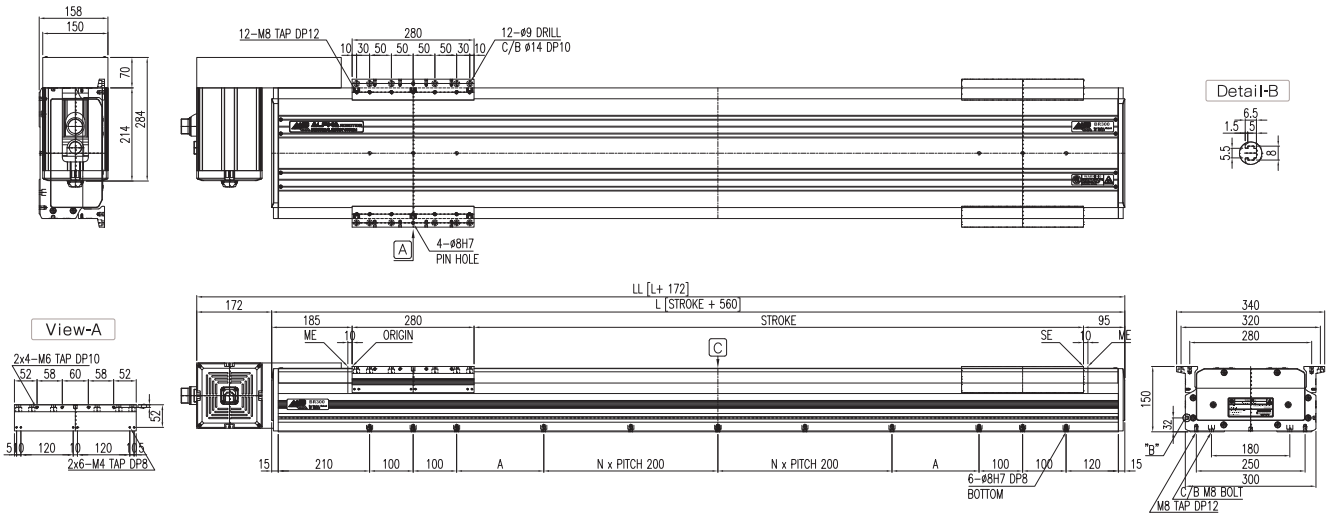
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	90	130	160
Allowable Overhang Distance - mm (Note3) Note3 Horizontal Use 		0°	1200	1200	1000	795
		45°	1200	1200	1170	930
		90°	1200	1200	1200	1200
Note4 Wall Installation Use 		0°	1200	1200	985	780
		45°	1200	1014	683	540
		90°	1200	1200	1120	890
Note5 Vertical Use 		0°	1200	1200	1080	880
		45°	1200	1014	702	572
		90°	1200	1200	1080	880
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR300-BR1

* All dimensions in mm



BR300-BR2



	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
Weight	BR300-P-1K	kg	103.1	116.1	129.2	142.2	155.2	168.2	181.2	194.3	207.3	216.0	4.34
	BR300-P-1,5K	kg	101.9	114.9	128.0	141.0	154.0	167.0	180.0	193.1	206.1	214.8	4.34
Speed	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
	BR300-N	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. -ME : Mechanical End -SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.

Model	BR300-SL	BR300-SR	BR300-PL	BR300-PR	BR300-BL	BR300-BR	BR300-UL	BR300-UR

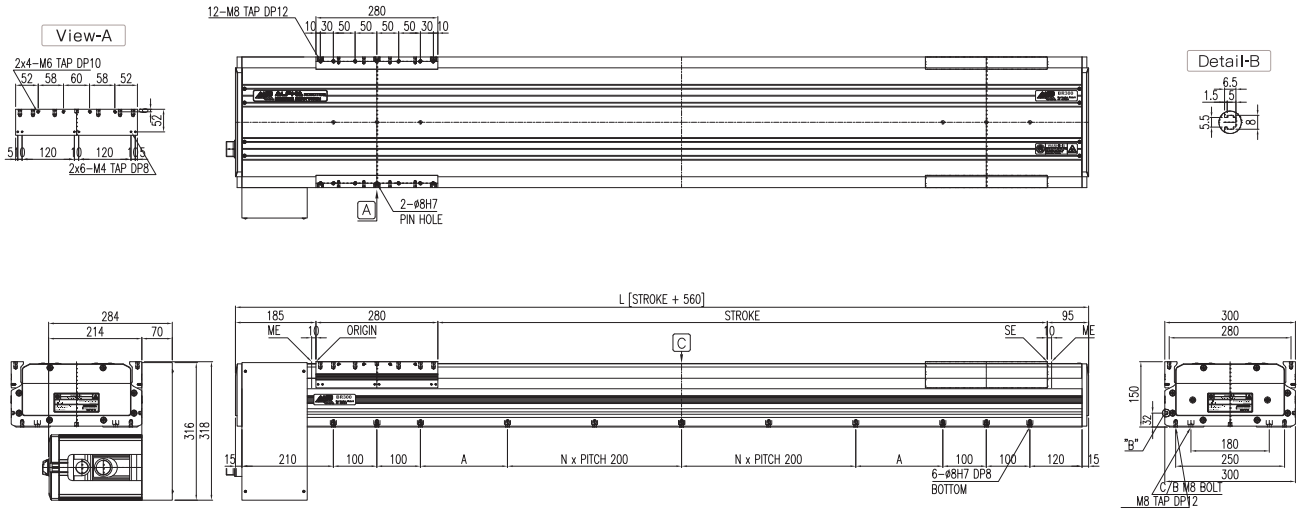
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR300-UL1/2-1KN/1.5KN	
BR300-UL1 			BR300-UL2 	
Rated Output		W	1000W, 2000 min^{-1}	1500W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000	
Max. Load	Note2	kg	120	160
Stroke Range		mm	200 ~ 3500	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

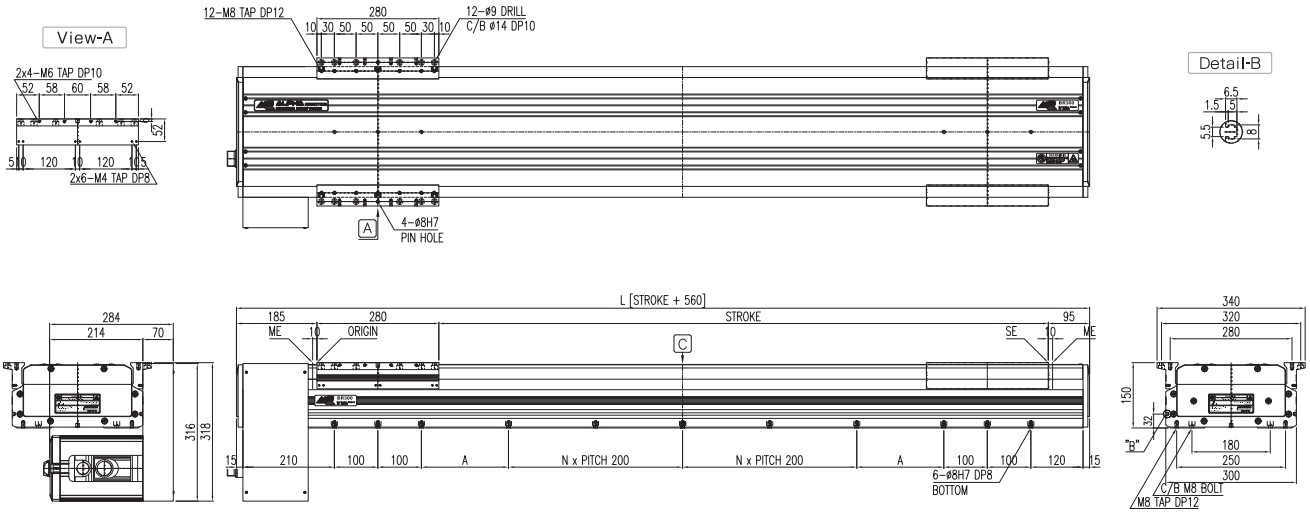
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	90	130	160
Allowable Overhang Distance - mm	Note3 Horizontal Use 	0°	1200	1200	1000	795
		45°	1200	1200	1170	930
		90°	1200	1200	1200	1200
	Note4 Wall Installation Use 	0°	1200	1200	985	780
		45°	1200	1014	683	540
		90°	1200	1200	1120	890
	Note5 Vertical Use 	0°	1200	1200	1080	880
		45°	1200	1014	702	572
		90°	1200	1200	1080	880
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR300-UL1

* All dimensions in mm



BR300-UL2



	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
Weight	UL1/2-1KN	kg	103.1	116.1	129.2	142.2	155.2	168.2	181.2	194.3	207.3	216.0	4.34
	UL1/2-1.5KN	kg	101.9	114.9	128.0	141.0	154.0	167.0	180.0	193.1	206.1	214.8	4.34
Speed	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
	UL1/2-1KN/1.5KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
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Model	BR300-SL	BR300-SR	BR300-PL	BR300-PR	BR300-BL	BR300-BR	BR300-UL	BR300-UR

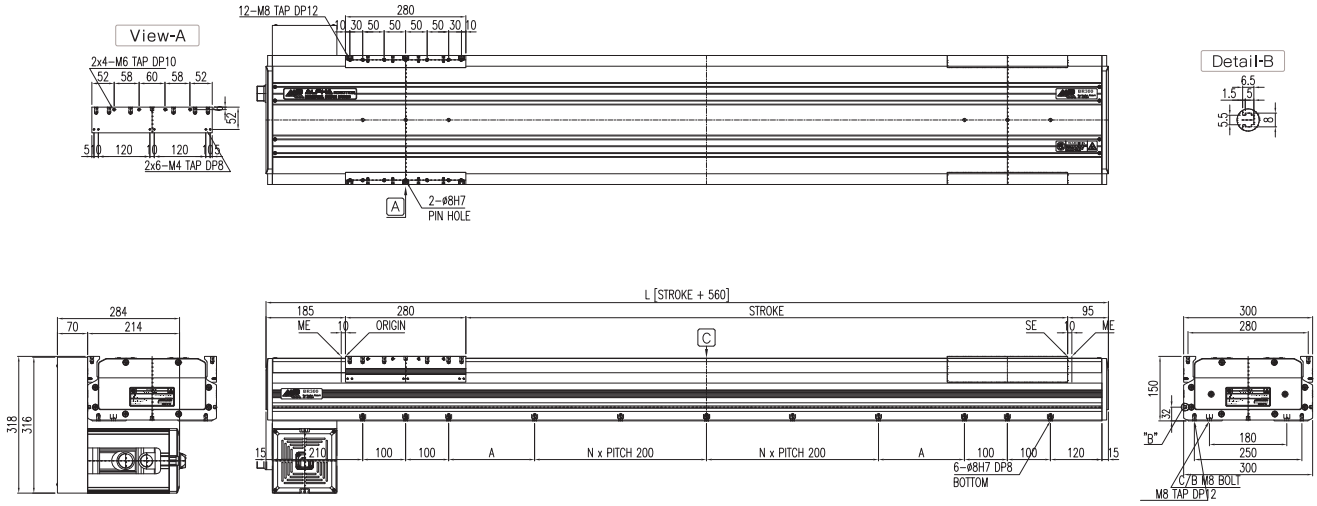
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	BR300-UR1/2-1KN/1.5KN	
				
Rated Output		W	1000W, 2000 min^{-1}	1500W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000	
Max. Load	Note2	kg	120	160
Stroke Range		mm	200 ~ 3500	
Repeatability		mm	±0.1	
Drive Type		-	BELT	

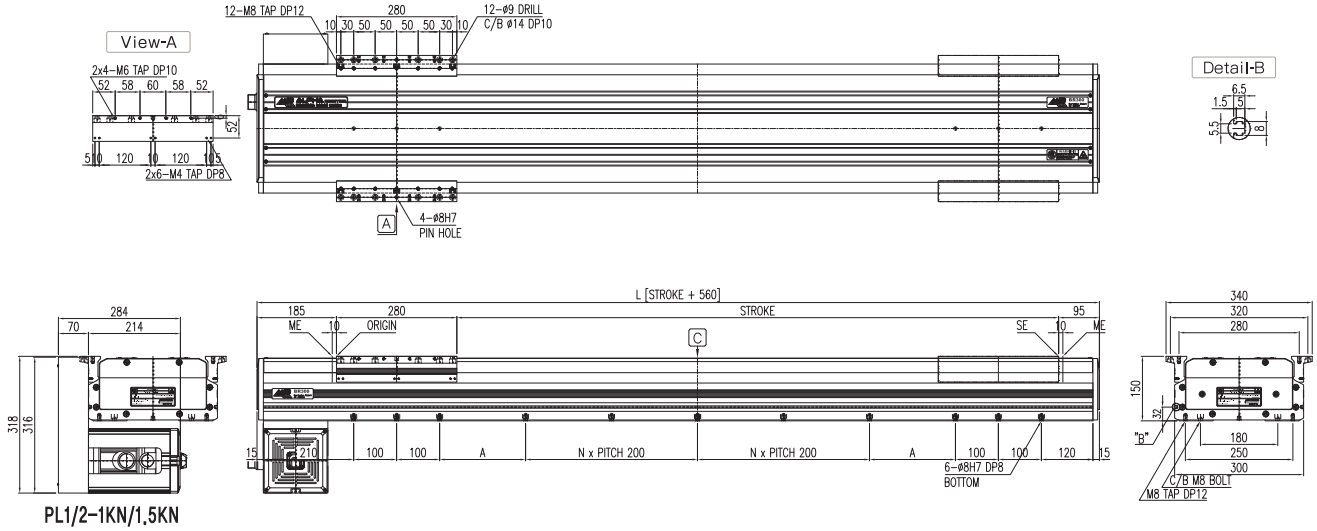
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	60	90	130	160
Allowable Overhang Distance - mm (Note3 Horizontal Use)		0°	1200	1200	1000	795
		45°	1200	1200	1170	930
		90°	1200	1200	1200	1200
(Note4 Wall Installation Use)		0°	1200	1200	985	780
		45°	1200	1014	683	540
		90°	1200	1200	1120	890
(Note5 Vertical Use)		0°	1200	1200	1080	880
		45°	1200	1014	702	572
		90°	1200	1200	1080	880
Note3 Estimated Condition			Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

BR300-UR1

* All dimensions in mm



BR300-UR2



PL1/2-1KN/1.5KN

	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
Weight	UR1/2-1KN	kg	103.1	116.1	129.2	142.2	155.2	168.2	181.2	194.3	207.3	216.0	4.34
	UR1/2-1.5KN	kg	101.9	114.9	128.0	141.0	154.0	167.0	180.0	193.1	206.1	214.8	4.34
Speed	Model \ Stroke	Units	900	1200	1500	1800	2100	2400	2700	3000	3300	3500	Offset(100)
	UR1/2-1KN/1.5KN	mm/s	2000										

⚠ CAUTION

In case of reference position return, be cautious not to contact with peripheral units because slider transfers up to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of "A" change by 25, 50, 75,100,125, 150, 175, and 200.
Dimensions of "< >" are subject to change by specifications of motor or gearbox(reducer).

NOTE1 In case of the short stroke, it may not be reached at maximum speed.
NOTE2 it is changed by operating conditions.
NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.
NOTE4 In case of Vertical use or Wall installation use, please consult with us.