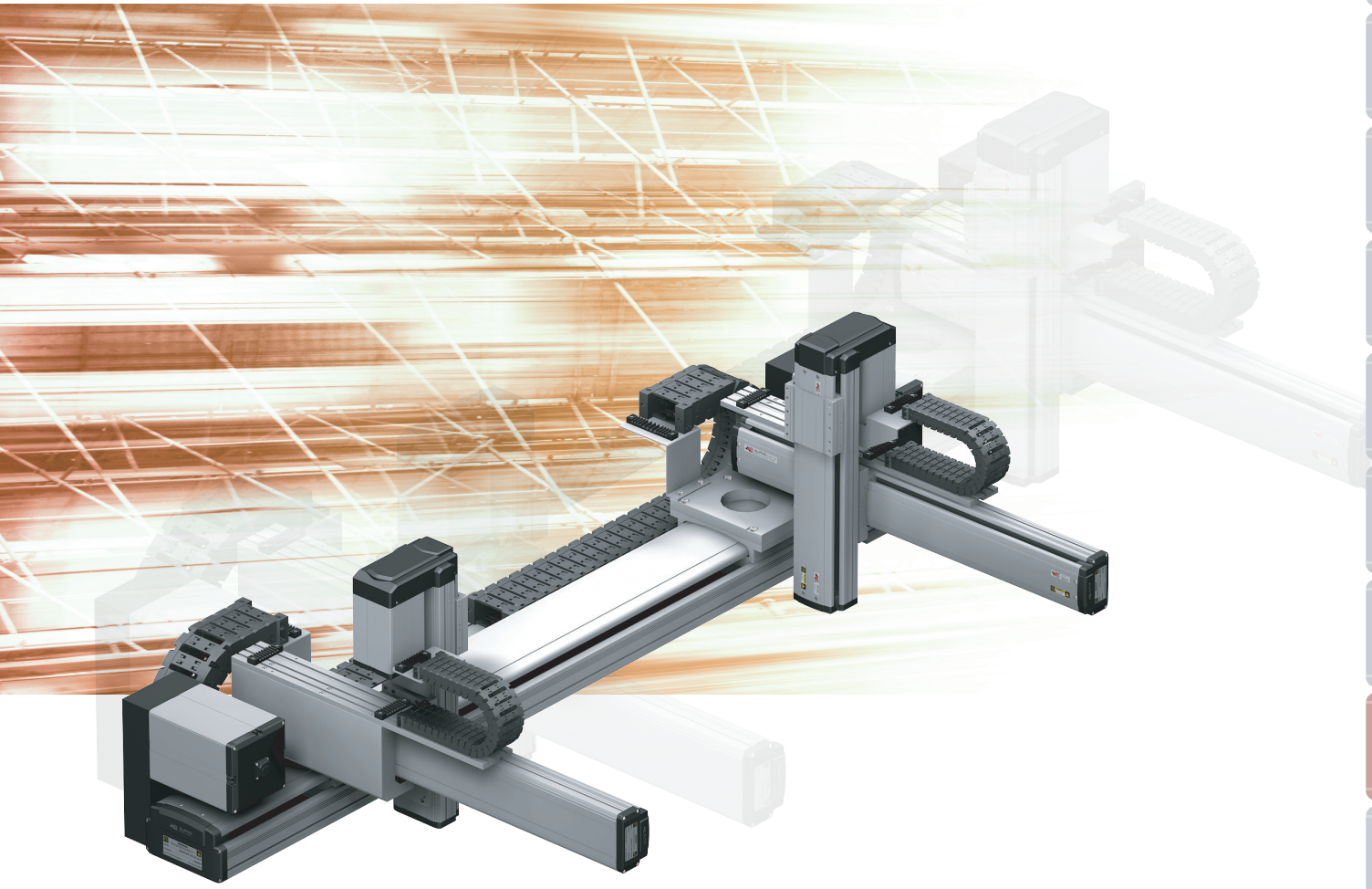
Alpha Dual Robot

DBR

Belt Series





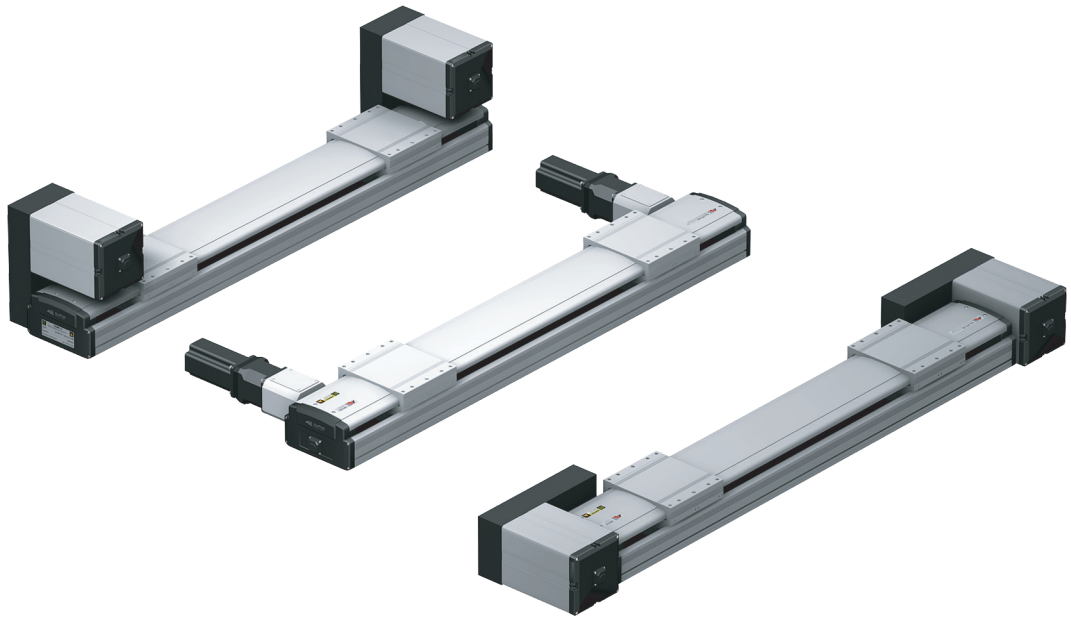
Characteristics

- Multi-slider tables installed on a single actuator capable of operating independently
  한 개의 Base에 각각의 구동이 가능한 Slide Table을 장착하여 개별 작업이 가능
- Space saved and cost reduced
  로봇 장착이 협소한 공간에서 개별 작업을 요할 때 사용
- High speed possible in long stroke
  Long Stroke에 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 DBR SERIES

DBR200	-	2SR	1	-	1000	-	75	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 SPEED (mm/s)

8 REDUCER

B Options

I	-	H	LF	A	45	-	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

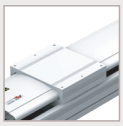
DBR SERIES — ALPHA Belt Robot


DBR200


DBR300

* 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		
P	 Parallel Left Type	U	 Under Left Type	B	 Back Left Type

1	Standard Normal Type 	2	Standard Plane Type 



75	750W	1K	1000W

N	Without Brake	B	With Brake

L	Low Speed Type 250 mm/s	N	Normal Speed Type 500 mm/s	H	High Speed Type 1000 mm/s

R03
1/3

* 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

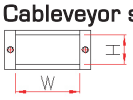
N	None	H	Horizontal



3 Cableveyor direction

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

4 Cableveyor selection (Hmm × Wmm)



Standard	CPS	C	28×55	D	28×75
Cleanroom	IGUS	G	29×60	H	29×80
	TSUBAKI	K	28×60	L	28×80

5 The radius of curvature (mm)

75 R70 ~ R75

* Please see the catalogue A75.3 for more information of cableveyor.

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

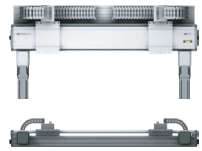
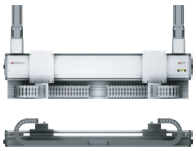
* Please do not hesitate to contact us when the cable is applied more than 10m.

B ORDER INFORMATION - OPTIONS

2 3 4 5 Cableveyor Selecting Options

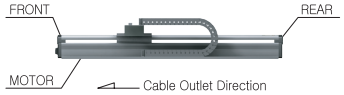
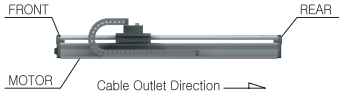
Series	Applicable Type			
	Horizontal	Wall Hanging	Rear	Double
DBR	●			

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				

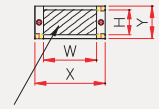
3

Cableveyor Directions

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

4 5 * Cableveyor Selecting

Unit : mm



Wiring space (Pic 10-1)

STANDARD								CLEANROOM													
Selecting Item	Internal dimentions H	Internal dimentions W	External dimentions Y	External dimentions X	Radius R	Capacity (mm²) NOTE2 Origin		Selecting Item	Internal dimentions H	Internal dimentions W	External dimentions Y	External dimentions X	Radius R	Capacity (mm²) NOTE2 Origin	Selecting Item	Internal dimentions H	Internal dimentions W	External dimentions Y	External dimentions X	Radius R	Capacity (mm²) 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%

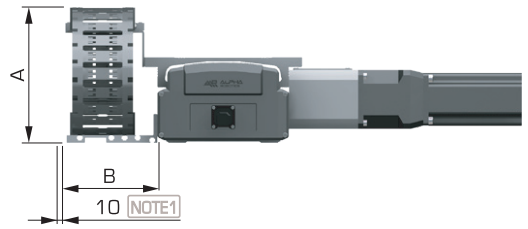
주의

*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.

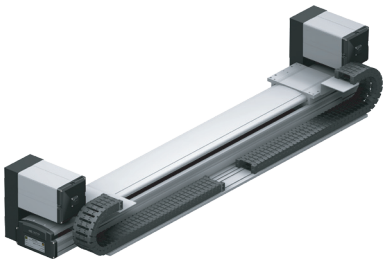
B ORDER INFORMATION

2 H Horizontal Type

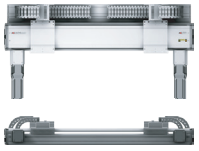
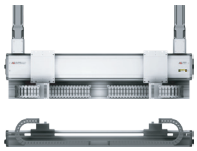
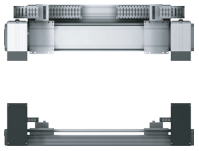
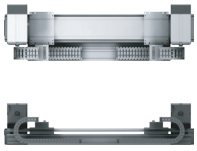
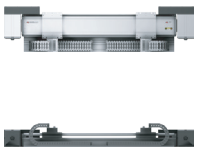
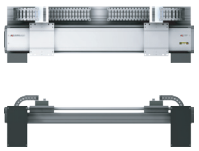
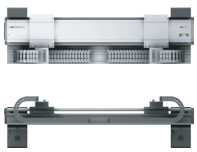


BASE SIZE	CABLEVEYOR		S1		S2	
	Bending radius R	Internal dimentions	A	B	A	B
DBR200	R075	55, 60	208	98	174	118
		75, 80	208	118	174	138
DBR300	R075	55, 60	208	98	174	118
		75, 80	208	118	174	138



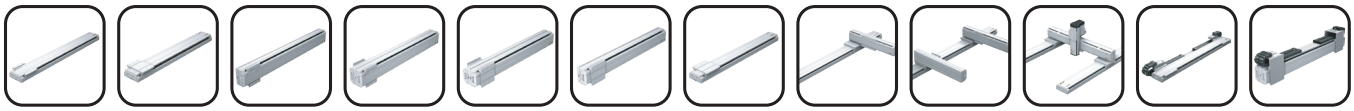


3 NOTE2 Cableveyor Directions

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 - Front	R F Right - Front 
BL type	L F Left - Front 	R F Right - Front
BR type	L F Left - Front	R F Right - Front 
UL type	L F Left - Front 	R F Right - Front
UR type	L F Left - Front	R F Right - Front 

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.

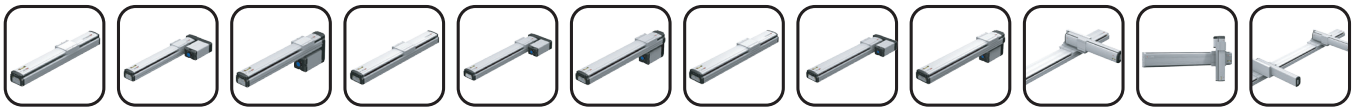
NOTE1 로봇을 구동할 때에 케이블베어와 외부 간섭과의 최소여유치수입니다.
NOTE2 빈칸의 케이블베어 장착은 영업점 및 폐사에 문의 바랍니다.





ALPHA ROBOT SPECIFICATIONS

Product		Rated Output	Max. Speed	Max. Load (H)
		w	mm/s	50 100 150 200 kg
DBR SERIES	200	750W - R05	1600	50
		1000W	2000	50
	300	1000W - R03	1750	80
		1000W	2000	80



PRO GRAM | mm | mm/s | kg

Repeatability	Max. Stroke											Page no.
mm	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	mm	
±0.1	■	■	■	■	■						2400	B76.1 ~ 8
±0.1	■	■	■	■	■						2400	B76.1 ~ 8
±0.1	■	■	■	■	■	■	■	■	■	■	3000	B77.1 ~ 8
±0.1	■	■	■	■	■	■	■	■	■	■	3000	B77.1 ~ 8

Model | **DBR200-SL** | DBR200-SR | DBR200-PL | DBR200-PR | DBR200-BL | DBR200-BR | DBR200-UL | DBR200-UR

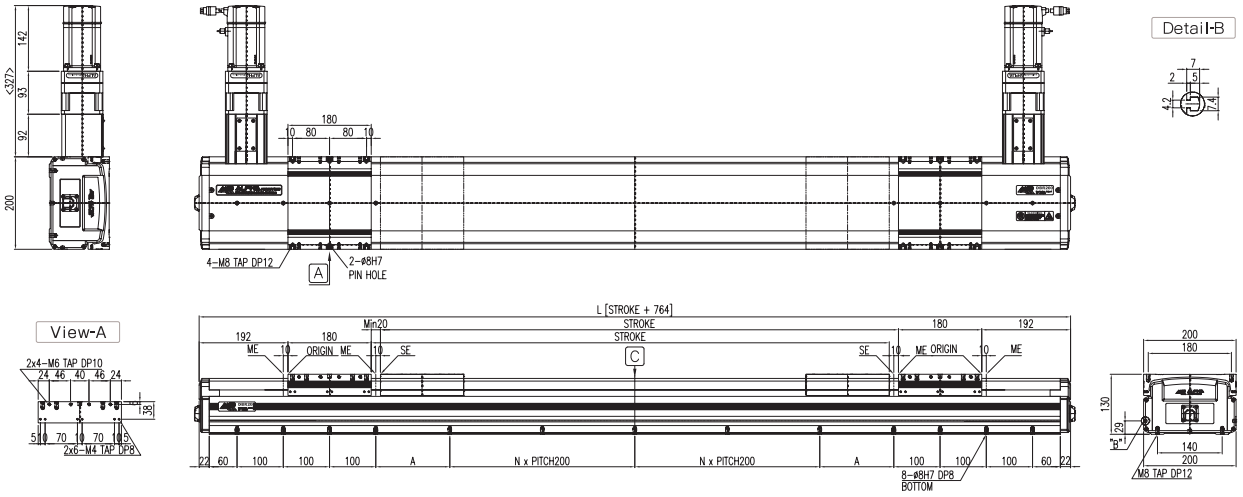
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	DBR200-2SL1/2-75N-R05
DBR200-2SL1 / DBR200-2SL2			 
Rated Output		W	750W, 3000 min^{-1}, R05
Max. Speed	Note1	mm/s	1600
Max. Load	Note2	kg	50
Stroke Range		mm	200 ~ 2400
Repeatability		mm	± 0.1
Drive Type		-	BELT

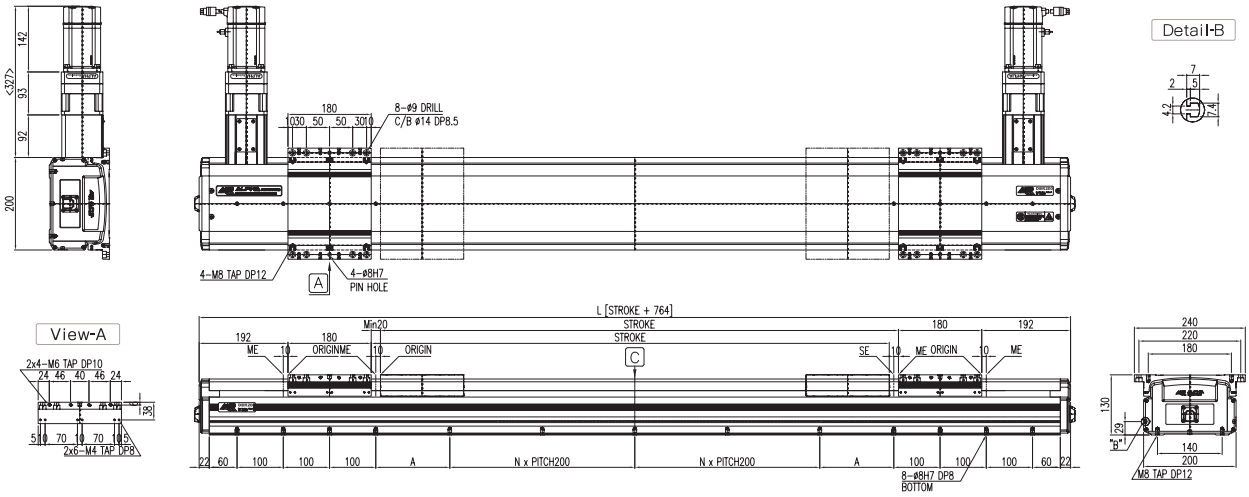
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	40	50
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	800	800	570	460
		45°	800	800	678	528
		90°	800	800	800	800
	Note4 Wall Installation Use	0°	800	770	565	442
		45°	800	540	397	312
		90°	800	800	665	520
	Note5 Vertical Use	0°	800	800	620	500
		45°	800	540	403	325
		90°	800	800	620	500
Note3	Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s²)			
		Life in traveled distance : 30000 km				

DBR200-2SL1

* All dimensions in mm



DBR200-2SL2



	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
Weight	2SL1/2-75N-R05	kg	69.9	74.9	79.9	84.8	89.8	94.7	99.7	104.7	109.6		2.48
Speed	2SL1/2-75N-R05	mm/s	1600										

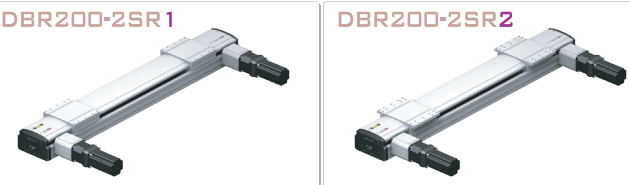
⚠ CAUTION

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 50, 100, 150, 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 | DBR200-SL | **DBR200-SR** | DBR200-PL | DBR200-PR | DBR200-BL | DBR200-BR | DBR200-UL | DBR200-UR

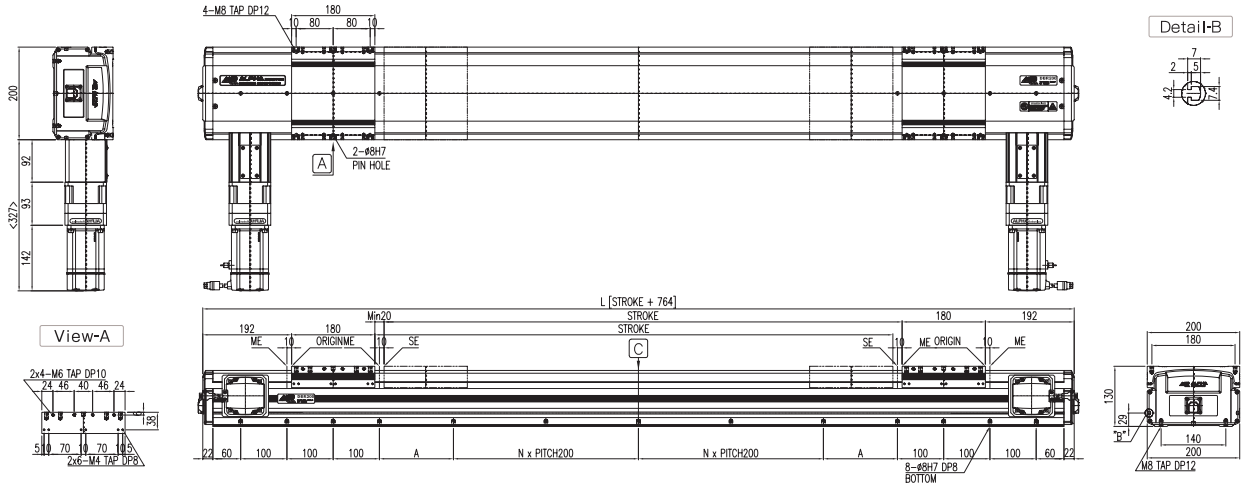
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	DBR200-2SR1/2-75N-R05
DBR200-2SR1 / DBR200-2SR2			
Rated Output		W	750W, 3000 min^{-1}, R05
Max. Speed	Note1	mm/s	1600
Max. Load	Note2	kg	50
Stroke Range		mm	200 ~ 2400
Repeatability		mm	± 0.1
Drive Type		-	BELT

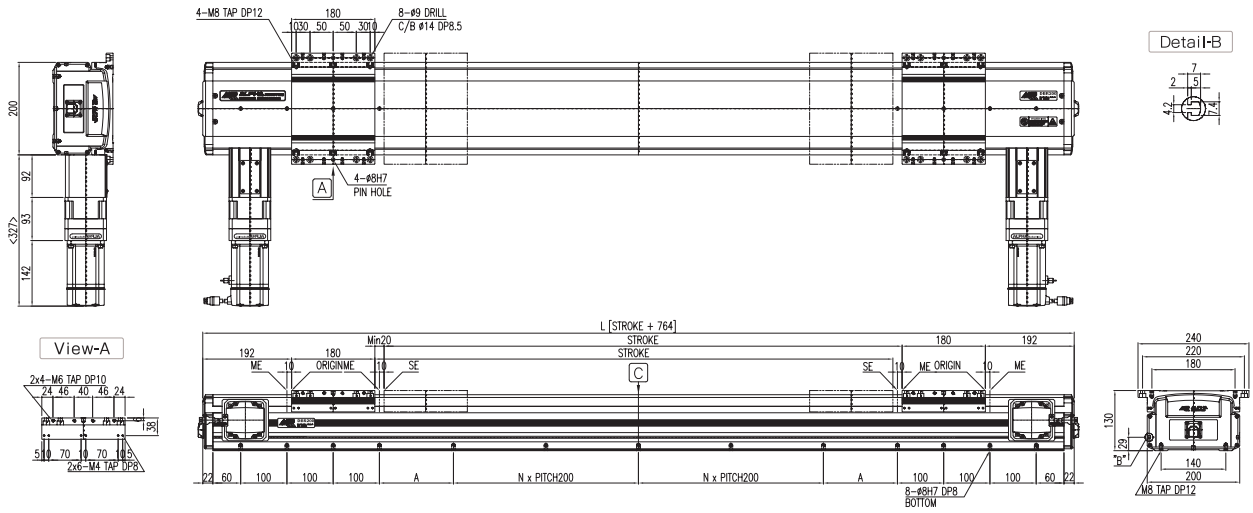
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	40	50
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	800	800	570	460
		45°	800	800	678	528
		90°	800	800	800	800
	Note4 Wall Installation Use	0°	800	770	565	442
		45°	800	540	397	312
		90°	800	800	665	520
	Note5 Vertical Use	0°	800	800	620	500
		45°	800	540	403	325
		90°	800	800	620	500
Note3	Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s²)			
		Life in traveled distance : 30000 km				

DBR200-2SR1

* All dimensions in mm



DBR200-2SR2



	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
Weight	2SR1/2-75N-R05	kg	69.9	74.9	79.9	84.8	89.8	94.7	99.7	104.7	109.6		2.48
Speed	2SR1/2-75N-R05	mm/s	1600										

⚠ 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 50, 100, 150, 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	DBR200-SL	DBR200-SR	DBR200-PL	DBR200-PR	DBR200-BL	DBR200-BR	DBR200-UL	DBR200-UR

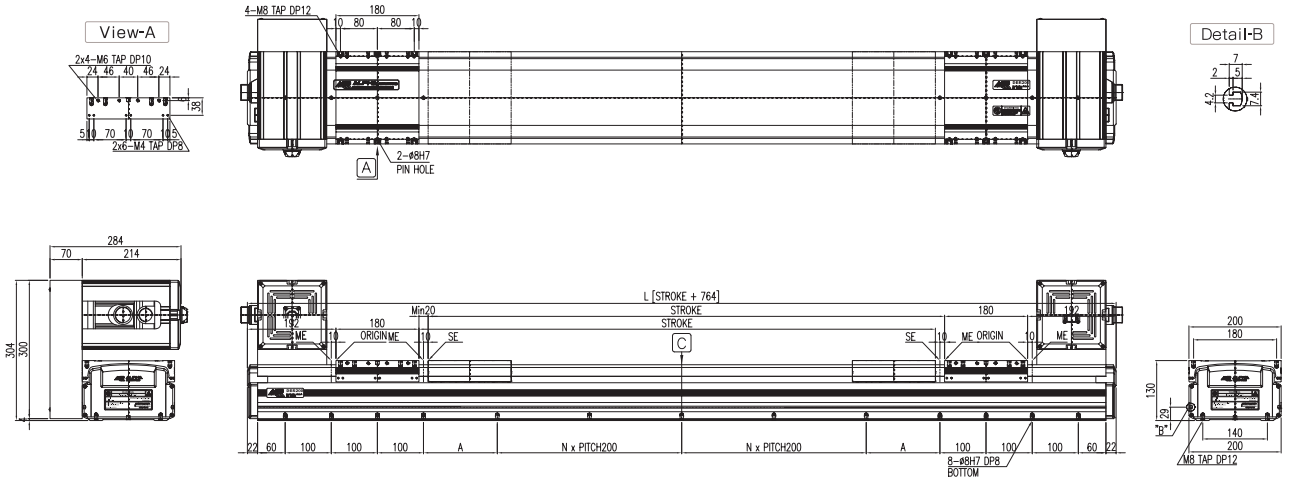
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	DBR200-2PL1/2-1KN
DBR200-2PL1 		DBR200-2PL2 
Rated Output	W	1000W, 2000 min^{-1}
Max. Speed Note1	mm/s	2000
Max. Load Note2	kg	50
Stroke Range	mm	200 ~ 2400
Repeatability	mm	±0.1
Drive Type	-	BELT

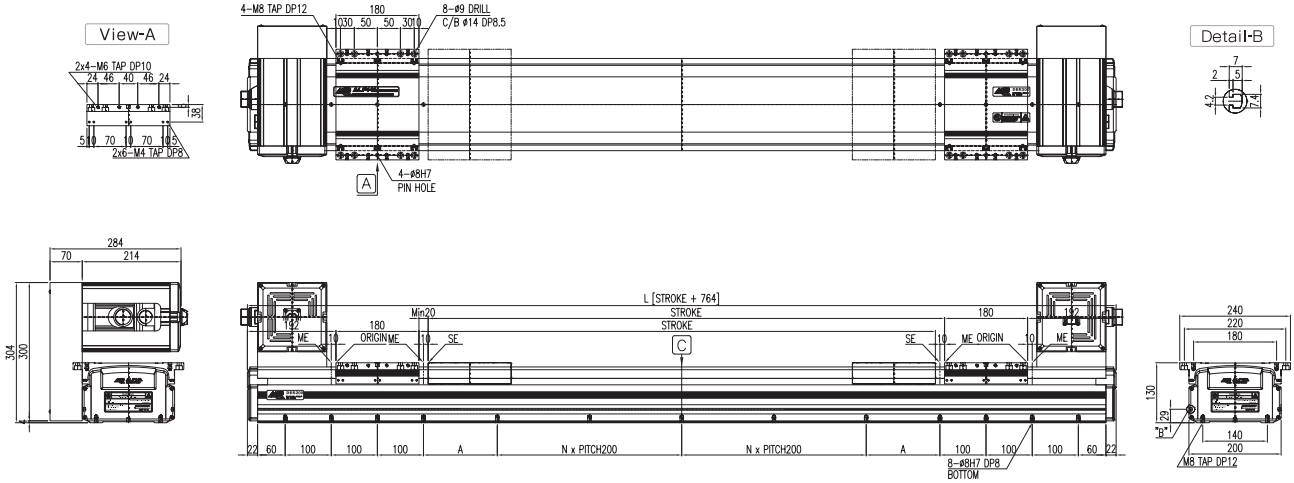
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	40	50
Allowable Overhang Distance - mm	Note3 Horizontal Use 	0°	800	800	570	460
		45°	800	800	678	528
		90°	800	800	800	800
	Note4 Wall Installation Use 	0°	800	770	565	442
		45°	800	540	397	312
		90°	800	800	665	520
	Note5 Vertical Use 	0°	800	800	620	500
		45°	800	540	403	325
		90°	800	800	620	500
Note3	Estimated Condition	Max Speed : 2000 mm/s			Acceleration : 0.3 G (2.94 m/s^2)	
		Life in traveled distance : 30000 km				

DBR200-2PL1

* All dimensions in mm



DBR200-2PL2



	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
Weight	2PL1-1KN	kg	73.2	78.2	83.1	88.1	93.1	98.0	103.0	107.9	112.9		2.48
	2PL2-1KN	kg	80.4	85.4	90.3	95.3	100.3	105.2	110.2	115.1	120.1		2.48
Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
	2PL1/2-1KN	mm/s	2000										

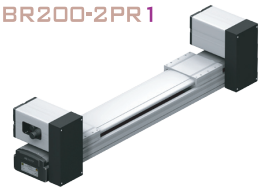
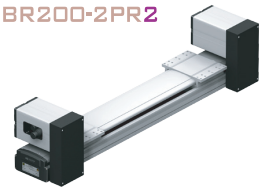
⚠ CAUTION

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 50, 100, 150, 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 | DBR200-SL | DBR200-SR | DBR200-PL | **DBR200-PR** | DBR200-BL | DBR200-BR | DBR200-UL | DBR200-UR

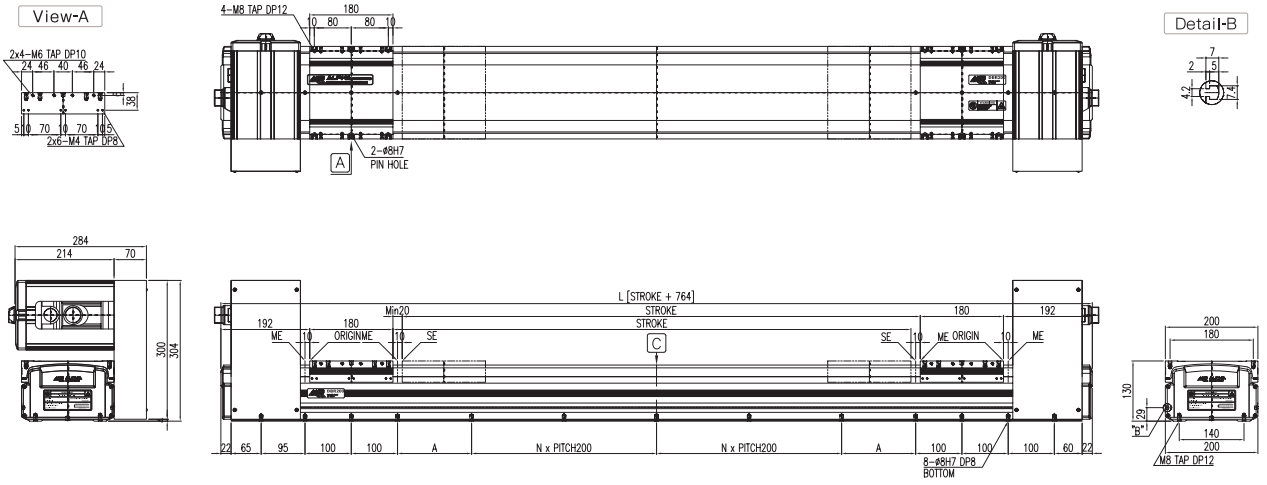
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	DBR200-2PR1/2-1KN
DBR200-2PR1			
DBR200-2PR2			
Rated Output		W	1000W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	50
Stroke Range		mm	200 ~ 2400
Repeatability		mm	±0.1
Drive Type		-	BELT

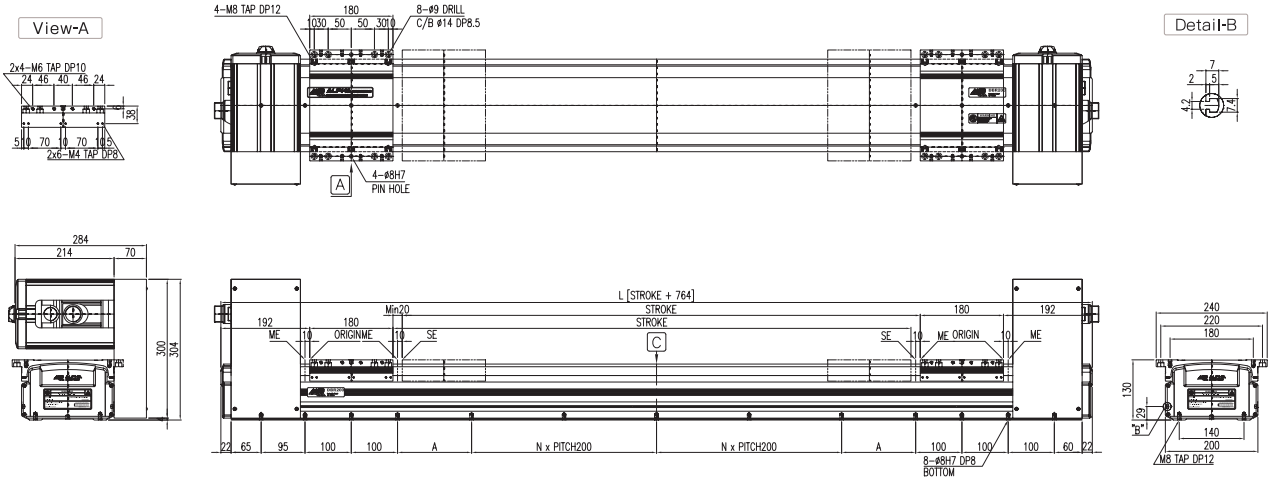
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	40	50
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	800	800	570	460
		45°	800	800	678	528
		90°	800	800	800	800
	Note4 Wall Installation Use	0°	800	770	565	442
		45°	800	540	397	312
		90°	800	800	665	520
	Note5 Vertical Use	0°	800	800	620	500
		45°	800	540	403	325
		90°	800	800	620	500
Note3	Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s^2)			
		Life in traveled distance : 30000 km				

DBR200-2PR1

* All dimensions in mm



DBR200-2PR2



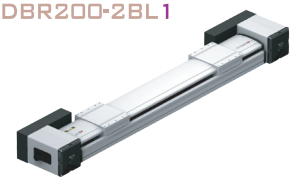
	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
Weight	DBR200-S-75	kg	73.2	78.2	83.1	88.1	93.1	98.0	103.0	107.9	112.9		2.48
	DBR200-S-1K	kg	80.4	85.4	90.3	95.3	100.3	105.2	110.2	115.1	120.1		2.48
Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
	DBR200-N	mm/s	2000										
		mm/s											

⚠ 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 50, 100, 150, 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.

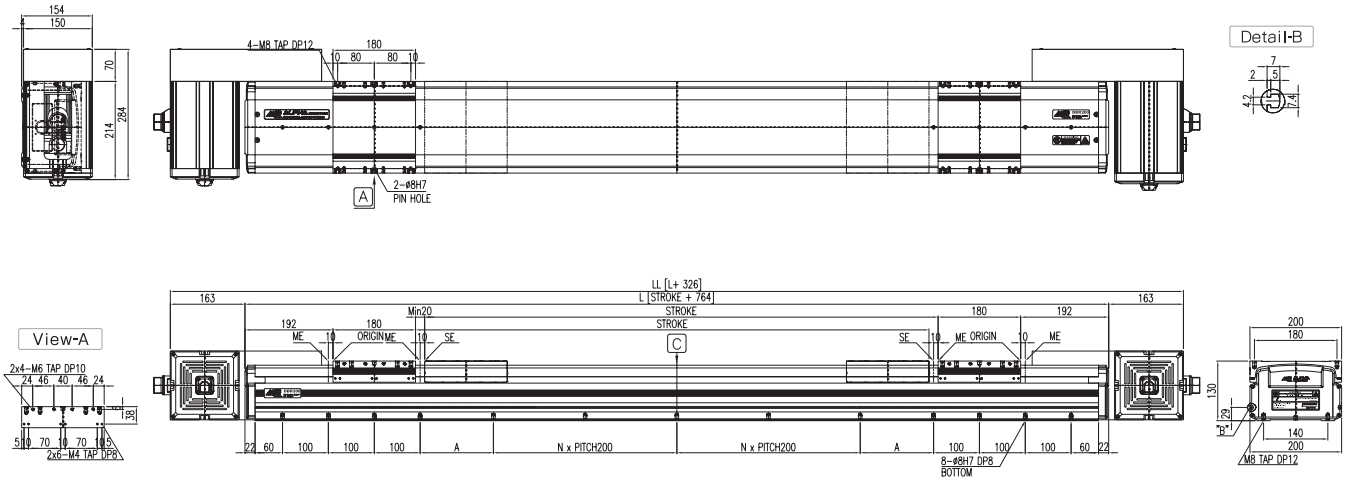
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	DBR200-2BL1/2-1KN
DBR200-2BL1			
DBR200-2BL2			
Rated Output		W	1000W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	50
Stroke Range		mm	200 ~ 2400
Repeatability		mm	±0.1
Drive Type		-	BELT

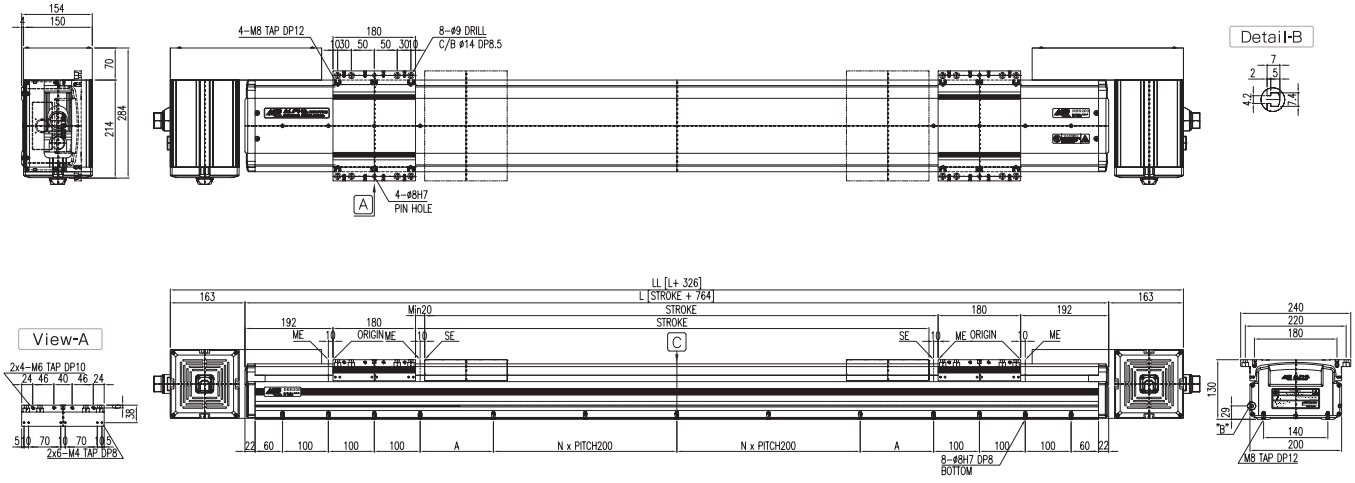
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	40	50
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	800	800	570	460
		45°	800	800	678	528
		90°	800	800	800	800
	Note4 Wall Installation Use	0°	800	770	565	442
		45°	800	540	397	312
		90°	800	800	665	520
	Note5 Vertical Use	0°	800	800	620	500
		45°	800	540	403	325
		90°	800	800	620	500
Note3	Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s^2)			
		Life in traveled distance : 30000 km				

DBR200-2BL1

* All dimensions in mm



DBR200-2BL2



	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
Weight	DBR200-S-75	kg	73.2	78.2	83.1	88.1	93.1	98.0	103.0	107.9	112.9		2.48
	DBR200-S-1K	kg	80.4	85.4	90.3	95.3	100.3	105.2	110.2	115.1	120.1		2.48
Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
	DBR200-N	mm/s	2000										

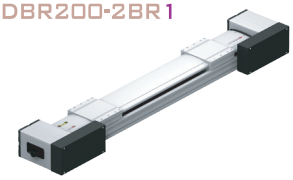
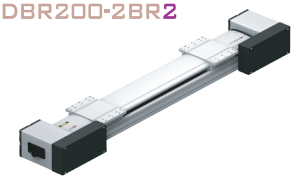
⚠ CAUTION

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 50, 100, 150, 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 | DBR200-SL | DBR200-SR | DBR200-PL | DBR200-PR | DBR200-BL | **DBR200-BR** | DBR200-UL | DBR200-UR

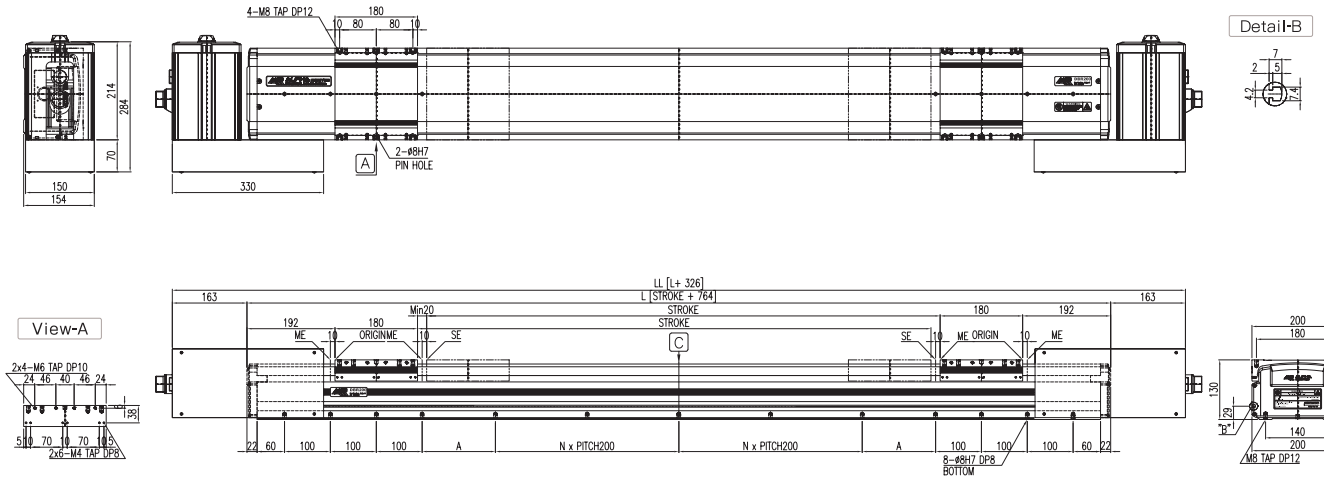
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	DBR200-2BR1/2-1KN
DBR200-2BR1 / DBR200-2BR2		 
Rated Output	W	1000W, 2000 min^{-1}
Max. Speed Note1	mm/s	2000
Max. Load Note2	kg	50
Stroke Range	mm	200 ~ 2400
Repeatability	mm	±0.1
Drive Type	-	BELT

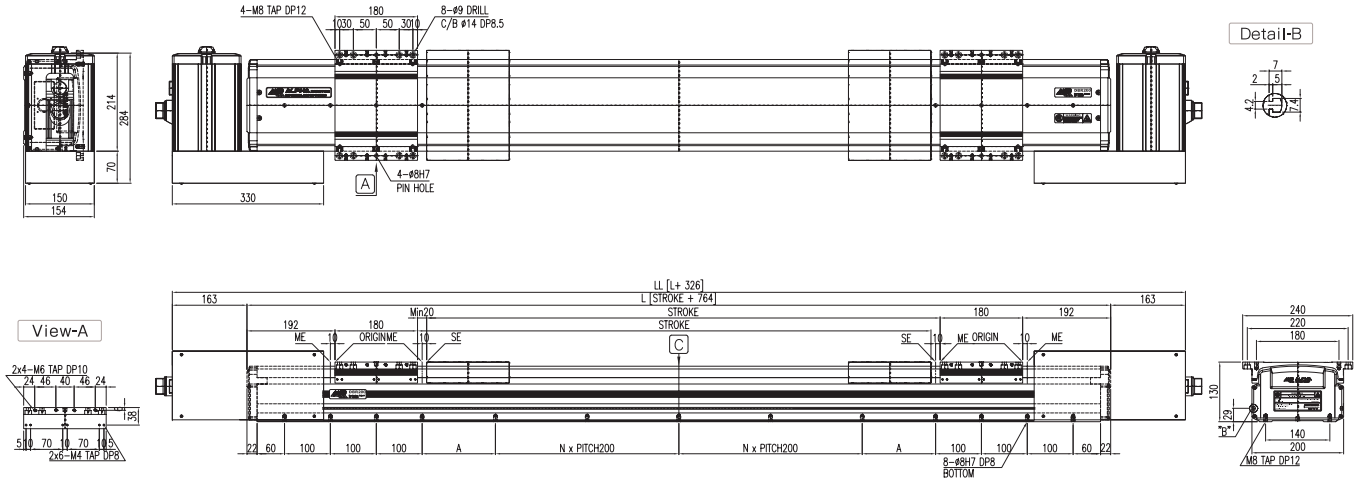
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	40	50
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	800	800	570	460
		45°	800	800	678	528
		90°	800	800	800	800
	Note4 Wall Installation Use	0°	800	770	565	442
		45°	800	540	397	312
		90°	800	800	665	520
	Note5 Vertical Use	0°	800	800	620	500
		45°	800	540	403	325
		90°	800	800	620	500
Note3	Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s^2)			
		Life in traveled distance : 30000 km				

DBR200-2BR1

* All dimensions in mm



DBR200-2BR2



Weight	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
	DBR200-S-75	kg	73.2	78.2	83.1	88.1	93.1	98.0	103.0	107.9	112.9		2.48
	DBR200-S-1K	kg	80.4	85.4	90.3	95.3	100.3	105.2	110.2	115.1	120.1		2.48

Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
	DBR200-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 50, 100, 150, 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 | DBR200-SL | DBR200-SR | DBR200-PL | DBR200-PR | DBR200-BL | DBR200-BR | **DBR200-UL** | DBR200-UR

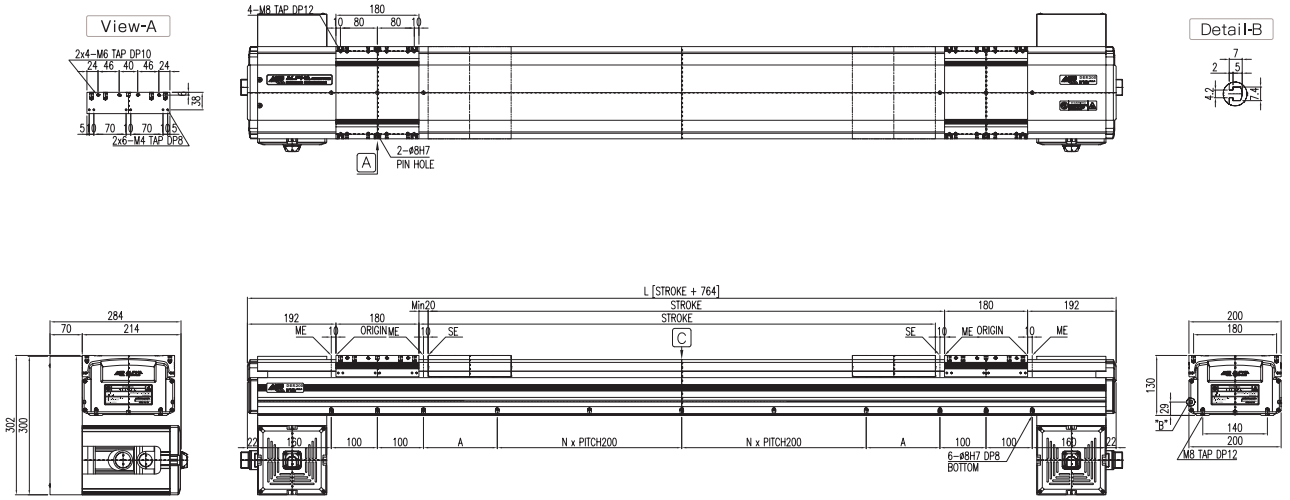
H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	DBR200-2UL1/2-1KN
DBR200-2UL1			DBR200-2UL2
Rated Output		W	1000W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	50
Stroke Range		mm	200 ~ 2400
Repeatability		mm	±0.1
Drive Type		-	BELT

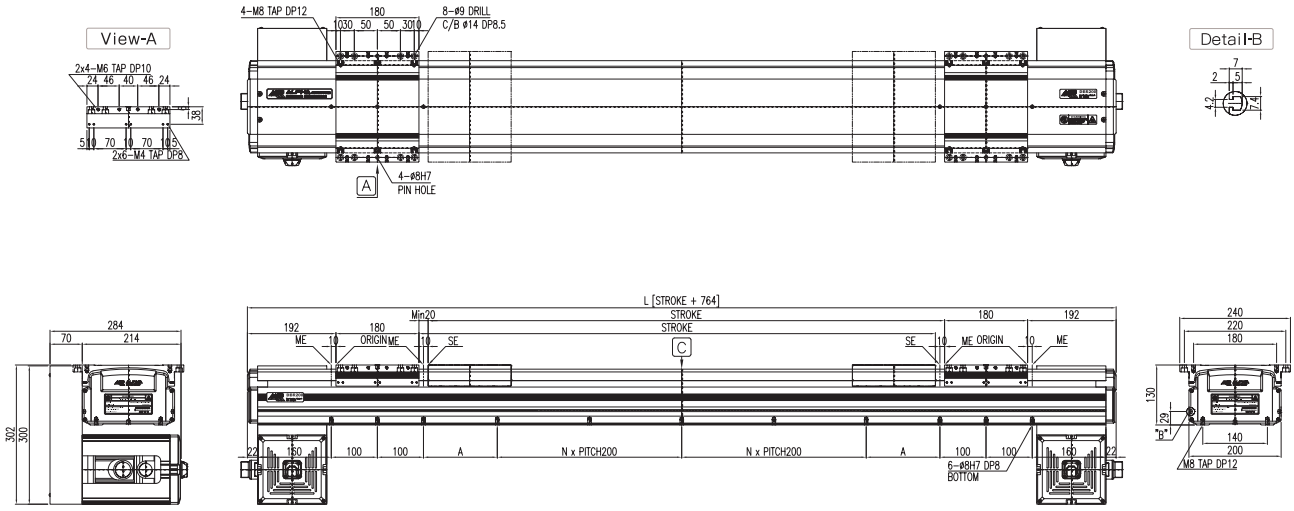
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	40	50
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	800	800	570	460
		45°	800	800	678	528
		90°	800	800	800	800
	Note4 Wall Installation Use	0°	800	770	565	442
		45°	800	540	397	312
		90°	800	800	665	520
	Note5 Vertical Use	0°	800	800	620	500
		45°	800	540	403	325
		90°	800	800	620	500
Note3	Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s^2)			
		Life in traveled distance : 30000 km				

DBR200-2UL1

* All dimensions in mm



DBR200-2UL2



Weight	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
	DBR200-S-75	kg	73.2	78.2	83.1	88.1	93.1	98.0	103.0	107.9	112.9		2.48
	DBR200-S-1K		80.4	85.4	90.3	95.3	100.3	105.2	110.2	115.1	120.1		2.48

Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
	DBR200-N	mm/s	2000										

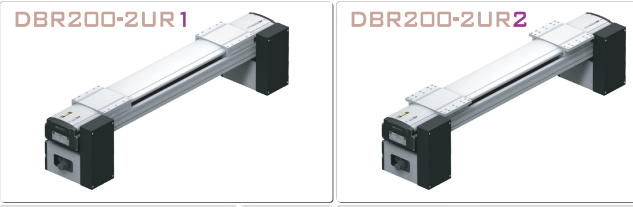
⚠ CAUTION

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 50, 100, 150, 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 | DBR200-SL | DBR200-SR | DBR200-PL | DBR200-PR | DBR200-BL | DBR200-BR | DBR200-UL | DBR200-UR

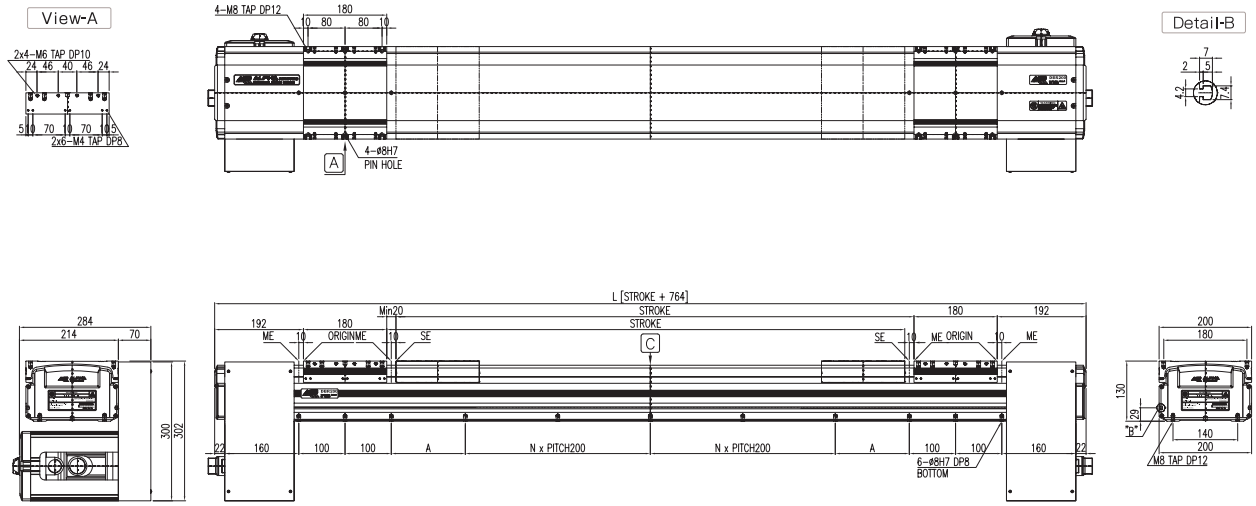
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	DBR200-2UR1/2-1KN
DBR200-2UR1 / DBR200-2UR2			
Rated Output		W	1000W, 2000 min^{-1}
Max. Speed	Note1	mm/s	2000
Max. Load	Note2	kg	50
Stroke Range		mm	200 ~ 2400
Repeatability		mm	±0.1
Drive Type		-	BELT

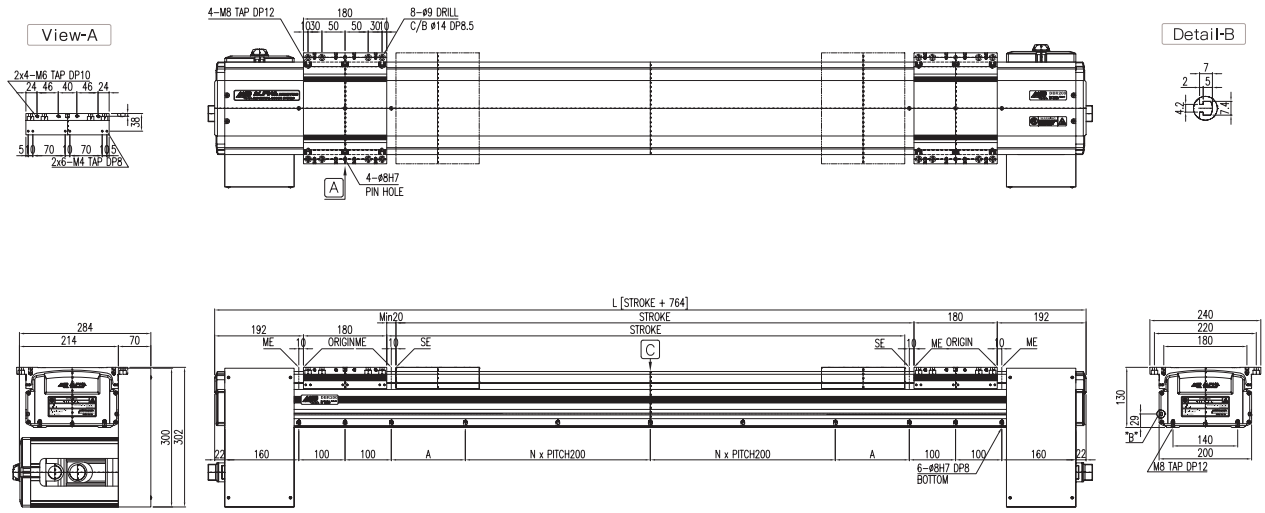
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	20	30	40	50
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	800	800	570	460
		45°	800	800	678	528
		90°	800	800	800	800
	Note4 Wall Installation Use	0°	800	770	565	442
		45°	800	540	397	312
		90°	800	800	665	520
	Note5 Vertical Use	0°	800	800	620	500
		45°	800	540	403	325
		90°	800	800	620	500
Note3	Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s²)			
		Life in traveled distance : 30000 km				

DBR200-2UR1

* All dimensions in mm



DBR200-2UR2



	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
Weight	DBR200-S-75	kg	73.2	78.2	83.1	88.1	93.1	98.0	103.0	107.9	112.9		2.48
	DBR200-S-1K	kg	80.4	85.4	90.3	95.3	100.3	105.2	110.2	115.1	120.1		2.48
Speed	Model \ Stroke	Units	800	1000	1200	1400	1600	1800	2000	2200	2400		Offset(100)
	DBR200-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 50, 100, 150, 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 | **DBR300-SL** | DBR300-SR | DBR300-PL | DBR300-PR | DBR300-BL | DBR300-BR | DBR300-UL | DBR300-UR

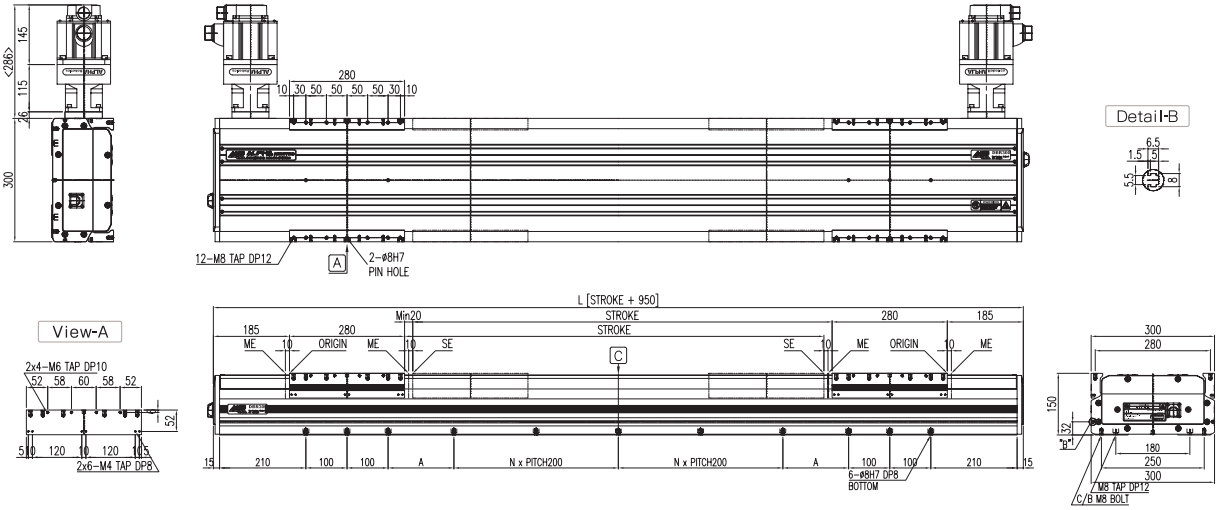
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	DBR300-2SL1/2-1KN-R03
DBR300-2SL1 / DBR300-2SL2			 
Rated Output		W	1000W, 2000 min^{-1}, R03
Max. Speed	Note1	mm/s	1750
Max. Load	Note2	kg	80
Stroke Range		mm	200 ~ 3000
Repeatability		mm	±0.1
Drive Type		-	BELT

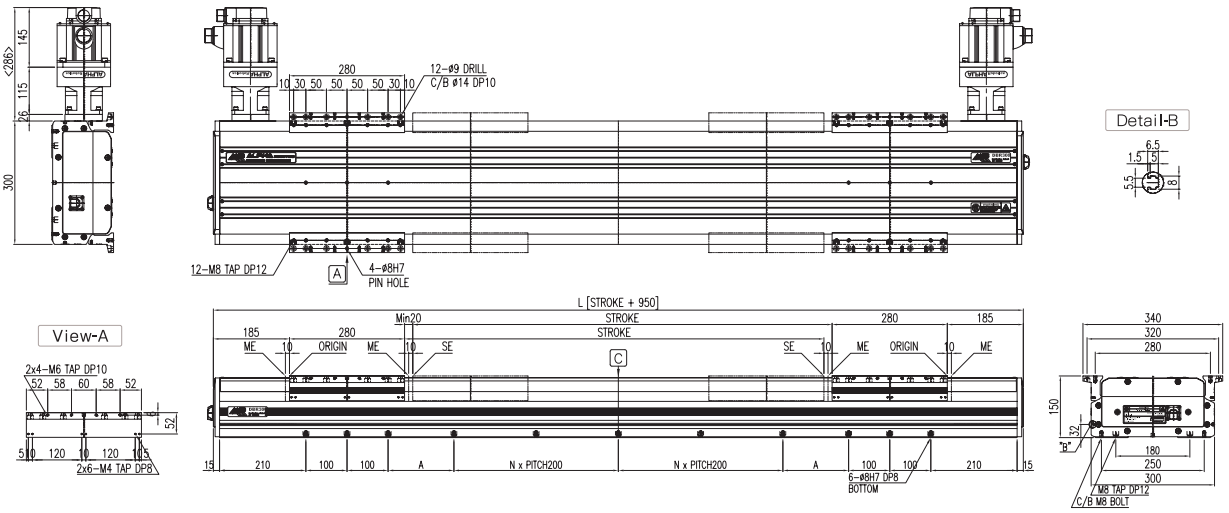
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	35	50	65	80
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	1000	1000	1000	1000
		45°	1000	1000	1000	1000
		90°	1000	1000	1000	1000
	Note4 Wall Installation Use	0°	1000	1000	1000	1000
		45°	1000	1000	904	722
		90°	1000	1000	1000	1000
	Note5 Vertical Use	0°	1000	1000	1000	1000
		45°	1000	1000	871	715
		90°	1000	1000	1000	1000
Note3	Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s^2)			
		Life in traveled distance : 30000 km				

DBR300-2SL1

* All dimensions in mm



DBR300-2SL2



	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
Weight	DBR300-S-1K	kg	104.1	117.0	130.0	143.0	155.9	168.9	181.8	194.8	207.8	220.7	4.32
Speed	DBR300-N	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 50, 100, 150, 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 | DBR300-SL | **DBR300-SR** | DBR300-PL | DBR300-PR | DBR300-BL | DBR300-BR | DBR300-UL | DBR300-UR

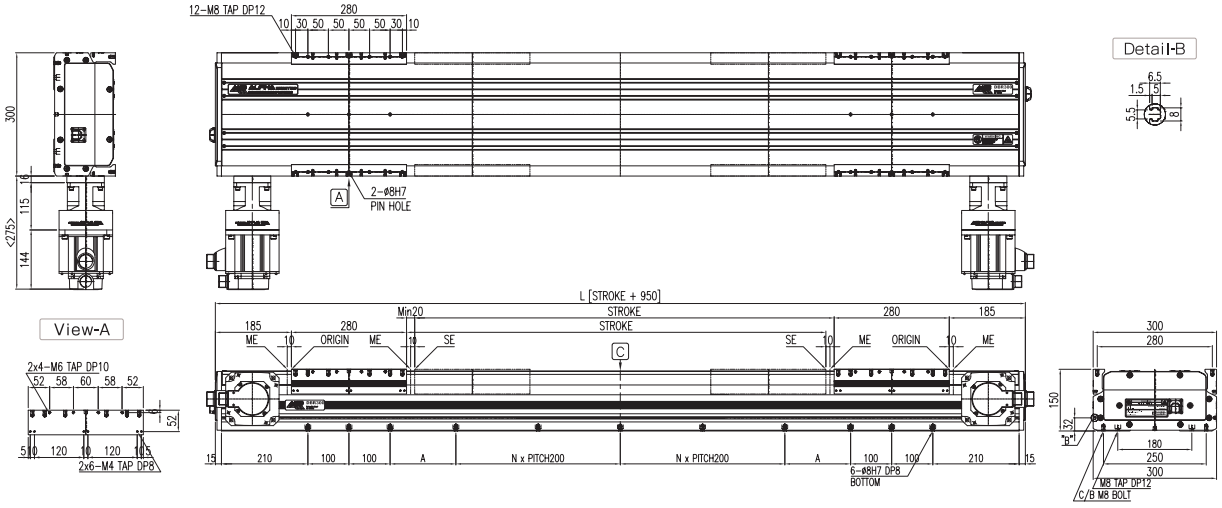
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	DBR300-2SR1/2-1KN-R03
DBR300-2SR1 / DBR300-2SR2			
Rated Output		W	1000W, 2000 min^{-1}, R03
Max. Speed	Note1	mm/s	1750
Max. Load	Note2	kg	80
Stroke Range		mm	200 ~ 3000
Repeatability		mm	±0.1
Drive Type		-	BELT

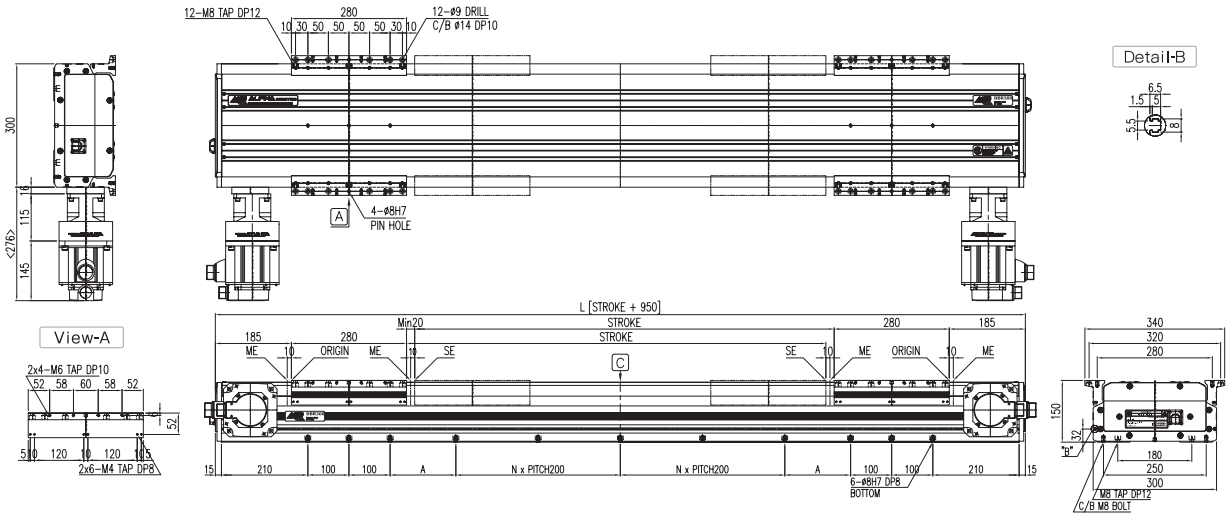
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	35	50	65	80
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	1000	1000	1000	1000
		45°	1000	1000	1000	1000
		90°	1000	1000	1000	1000
	Note4 Wall Installation Use	0°	1000	1000	1000	1000
		45°	1000	1000	904	722
		90°	1000	1000	1000	1000
	Note5 Vertical Use	0°	1000	1000	1000	1000
		45°	1000	1000	871	715
		90°	1000	1000	1000	1000
Note3	Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s²)			
		Life in traveled distance : 30000 km				

DBR300-2SR1

* All dimensions in mm



DBR300-2SR2



	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
Weight	DBR300-S-1K	kg	104.1	117.0	130.0	143.0	155.9	168.9	181.8	194.8	207.8	220.7	4.32
Speed	DBR300-N	mm/s	1750										

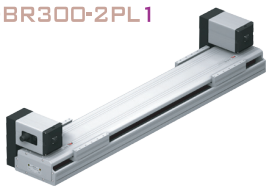
⚠ CAUTION

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 50, 100, 150, 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	DBR300-SL	DBR300-SR	DBR300-PL	DBR300-PR	DBR300-BL	DBR300-BR	DBR300-UL	DBR300-UR

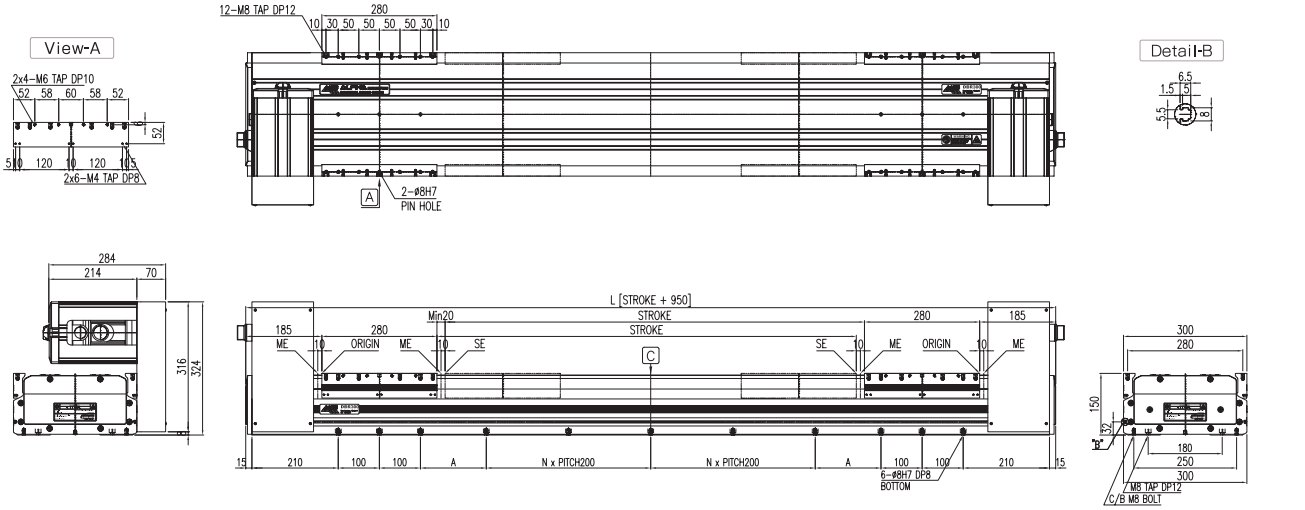
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	DBR300-2PL1/2-1KN
DBR300-2PL1 / DBR300-2PL2		 
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

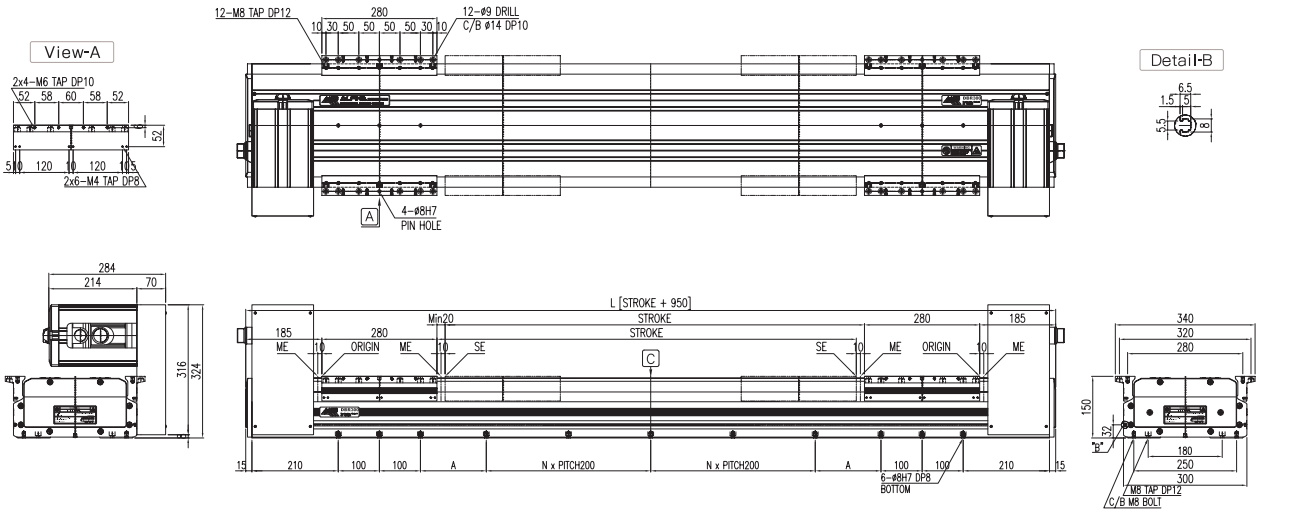
Specification	Unit	Data			
Acceleration	G	0.3			
Load	kg	35	50	65	80
Allowable Overhang Distance - mm					
Note3 Horizontal Use 	0°	1000	1000	1000	1000
	45°	1000	1000	1000	1000
	90°	1000	1000	1000	1000
Note4 Wall Installation Use 	0°	1000	1000	1000	1000
	45°	1000	1000	904	722
	90°	1000	1000	1000	1000
Note5 Vertical Use 	0°	1000	1000	1000	1000
	45°	1000	1000	871	715
	90°	1000	1000	1000	1000
Note3 Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s^2)			
	Life in traveled distance : 30000 km				

DBR300-2PL1

* All dimensions in mm



DBR300-2PL2



Weight	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	DBR300-P-1K	kg	114.2	127.1	140.1	153.0	166.0	179.0	191.9	204.9	217.8	230.8	4.32

Speed	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	DBR300-N	mm/s	2000										

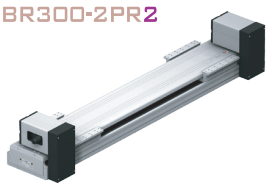
⚠ CAUTION

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 50, 100, 150, 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 | DBR300-SL | DBR300-SR | DBR300-PL | DBR300-PR | DBR300-BL | DBR300-BR | DBR300-UL | DBR300-UR

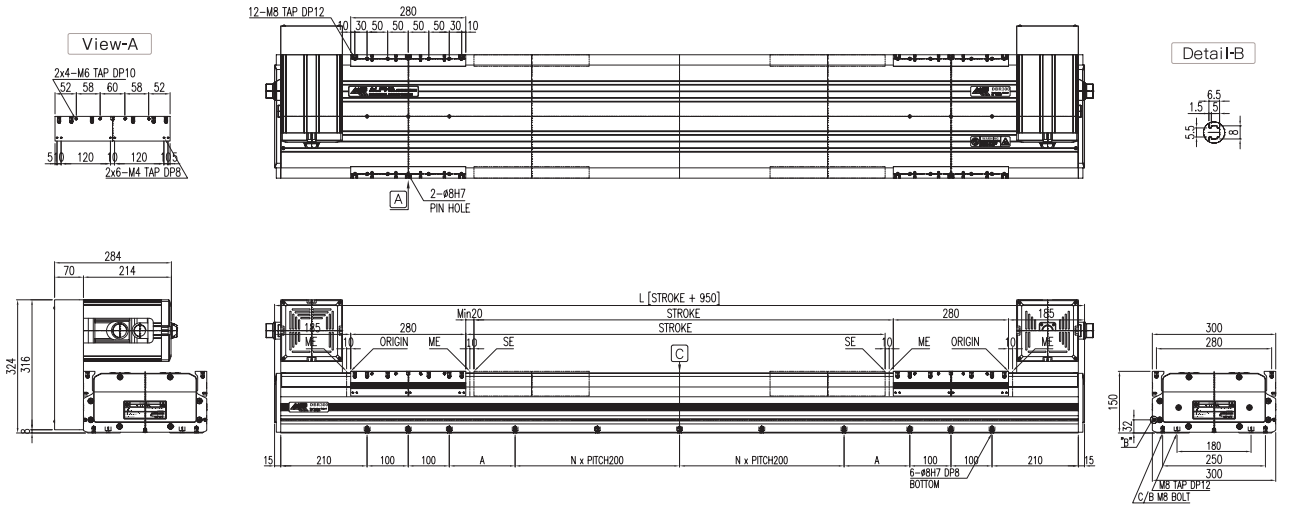
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	DBR300-2PR1/2-1KN
DBR300-2PR1 / DBR300-2PR2			 
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

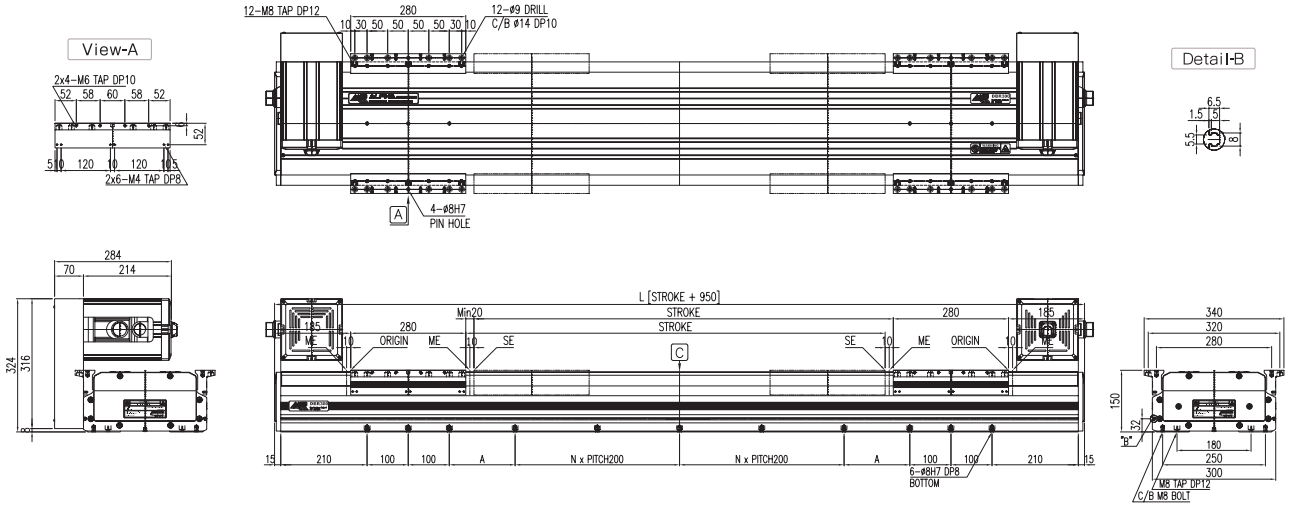
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	35	50	65	80
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	1000	1000	1000	1000
		45°	1000	1000	1000	1000
		90°	1000	1000	1000	1000
	Note4 Wall Installation Use	0°	1000	1000	1000	1000
		45°	1000	1000	904	722
		90°	1000	1000	1000	1000
	Note5 Vertical Use	0°	1000	1000	1000	1000
		45°	1000	1000	871	715
		90°	1000	1000	1000	1000
Note3	Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s^2)			
		Life in traveled distance : 30000 km				

DBR300-2PR1

* All dimensions in mm



DBR300-2PR2



Weight	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	DBR300-P-1K	kg	114.2	127.1	140.1	153.0	166.0	179.0	191.9	204.9	217.8	230.8	4.32

Speed	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	DBR300-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 50, 100, 150, 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 | DBR300-SL | DBR300-SR | DBR300-PL | DBR300-PR | **DBR300-BL** | DBR300-BR | DBR300-UL | DBR300-UR

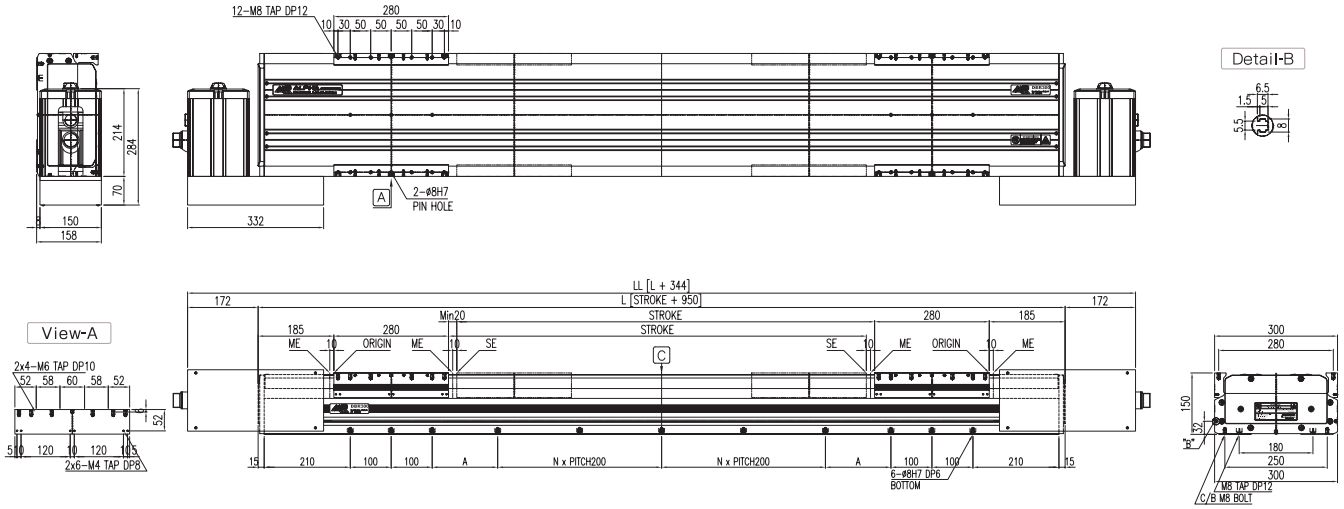
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	DBR300-2BL1/2-1KN
DBR300-2BL1 / DBR300-2BL2			
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

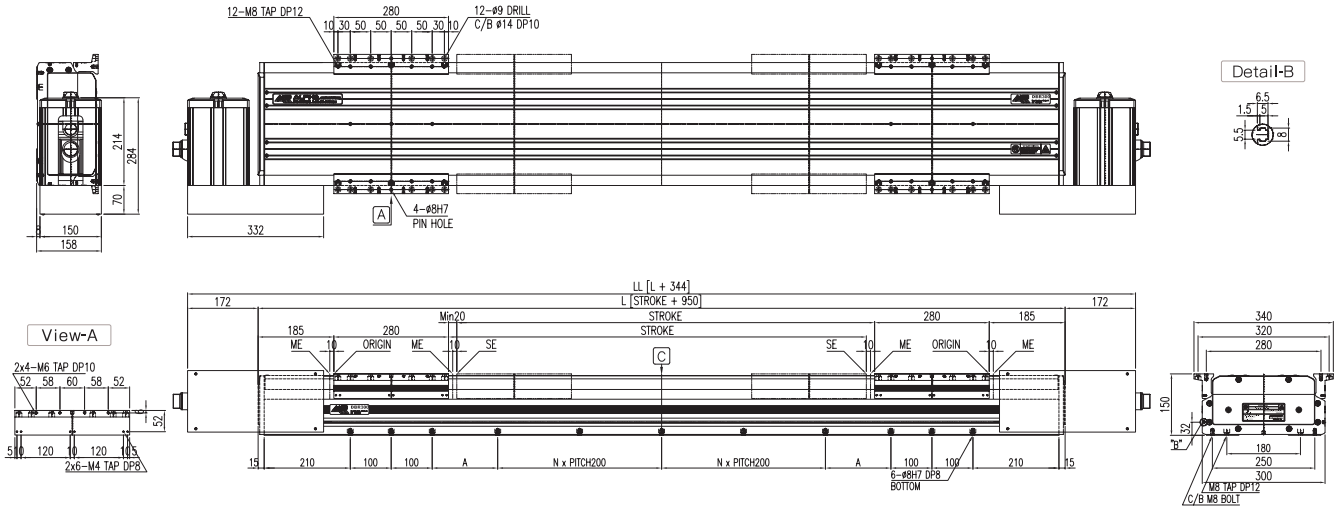
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	35	50	65	80
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	1000	1000	1000	1000
		45°	1000	1000	1000	1000
		90°	1000	1000	1000	1000
	Note4 Wall Installation Use	0°	1000	1000	1000	1000
		45°	1000	1000	904	722
		90°	1000	1000	1000	1000
	Note5 Vertical Use	0°	1000	1000	1000	1000
		45°	1000	1000	871	715
		90°	1000	1000	1000	1000
Note3	Estimated Condition	Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s^2)		
		Life in traveled distance : 30000 km				

DBR300-2BL1

* All dimensions in mm



DBR300-2BL2



Weight	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	DBR300-P-1K	kg	114.2	127.1	140.1	153.0	166.0	179.0	191.9	204.9	217.8	230.8	4.32

Speed	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	DBR300-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 50, 100, 150, 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 | DBR300-SL | DBR300-SR | DBR300-PL | DBR300-PR | DBR300-BL | DBR300-BR | DBR300-UL | DBR300-UR

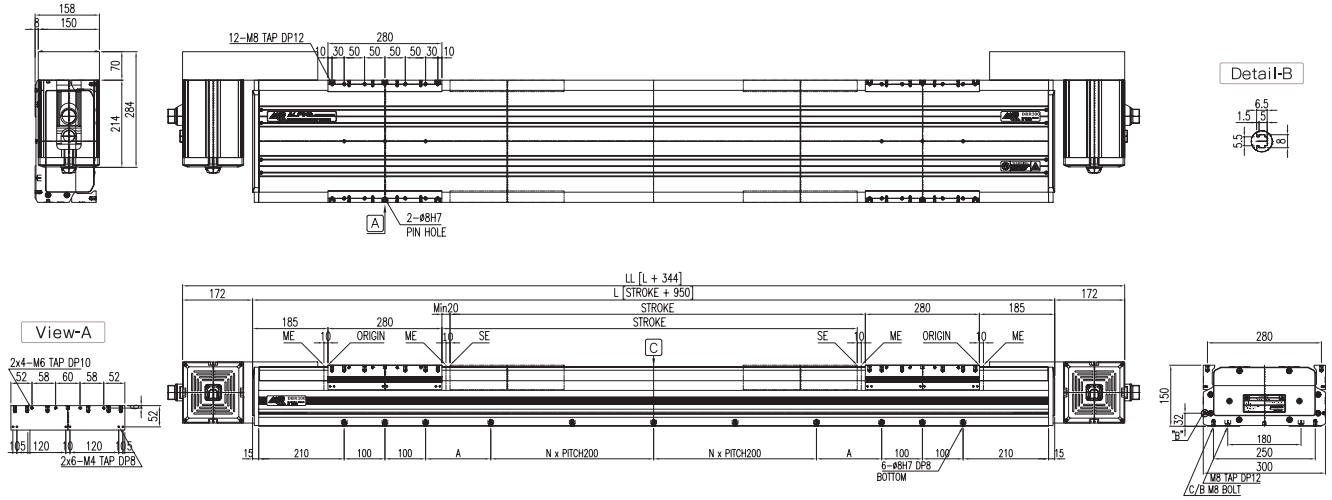
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	DBR300-2BR1/2-1KN
DBR300-2BR1 / DBR300-2BR2			
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

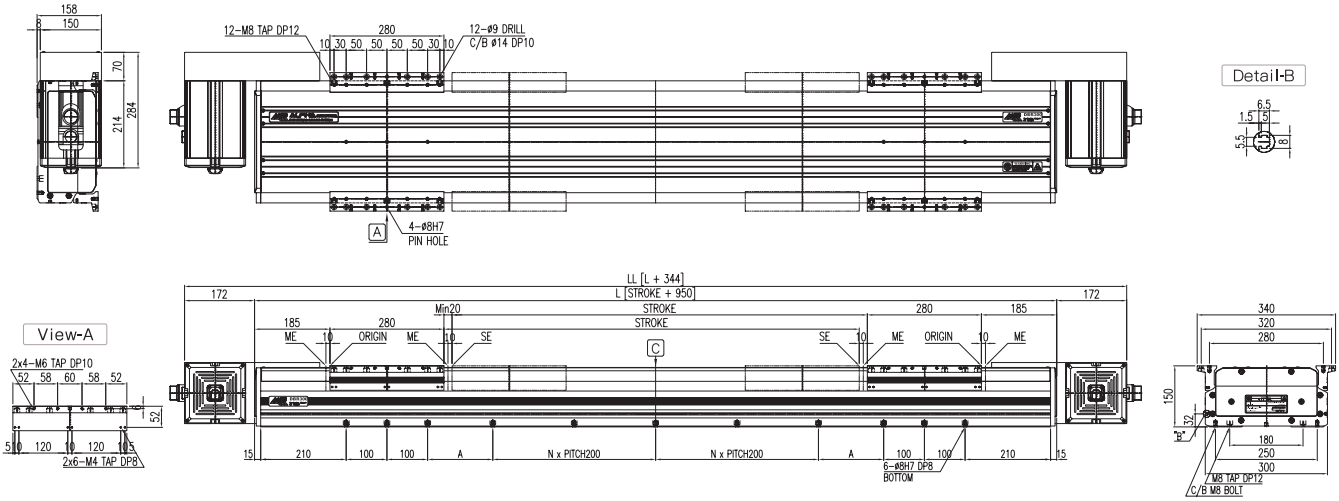
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	35	50	65	80
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	1000	1000	1000	1000
		45°	1000	1000	1000	1000
		90°	1000	1000	1000	1000
	Note4 Wall Installation Use	0°	1000	1000	1000	1000
		45°	1000	1000	904	722
		90°	1000	1000	1000	1000
	Note5 Vertical Use	0°	1000	1000	1000	1000
		45°	1000	1000	871	715
		90°	1000	1000	1000	1000
Note3	Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s^2)			
		Life in traveled distance : 30000 km				

DBR300-2BR1

* All dimensions in mm



DBR300-2BR2



	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
Weight	DBR300-P-1K	kg	114.2	127.1	140.1	153.0	166.0	179.0	191.9	204.9	217.8	230.8	4.32
Speed	DBR300-N	mm/s	2000										

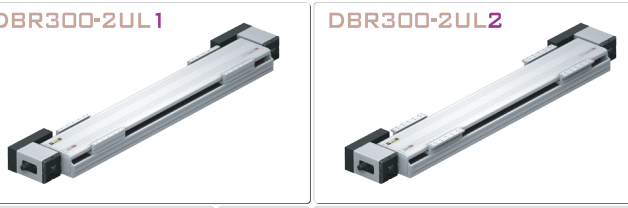
⚠ CAUTION

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 50, 100, 150, 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	DBR300-SL	DBR300-SR	DBR300-PL	DBR300-PR	DBR300-BL	DBR300-BR	DBR300-UL	DBR300-UR

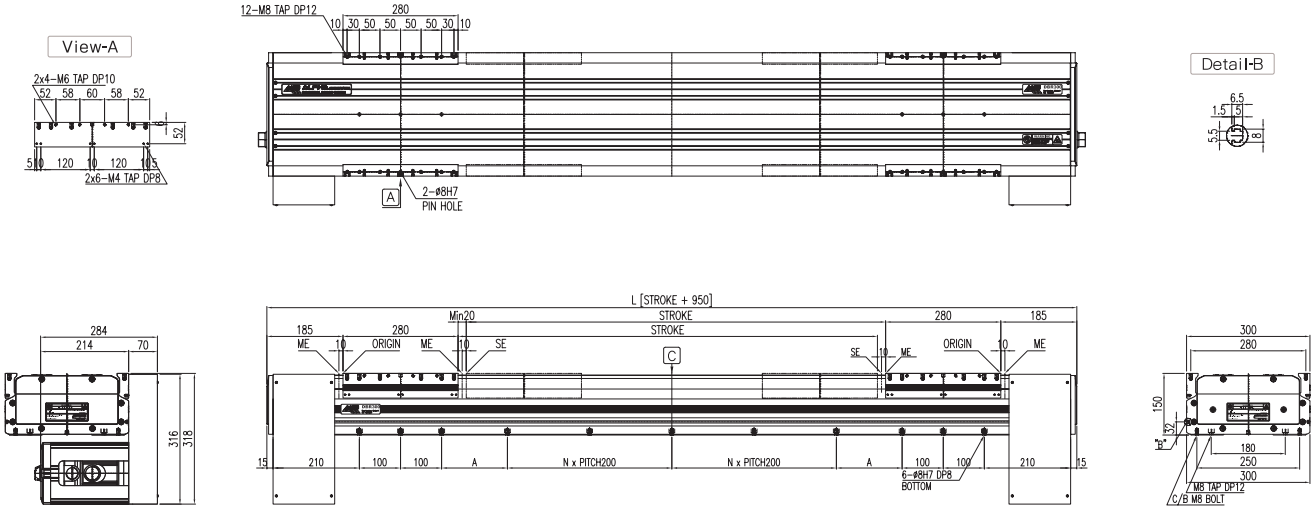
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	DBR300-2UL1/2-1KN
DBR300-2UL1 / DBR300-2UL2		
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

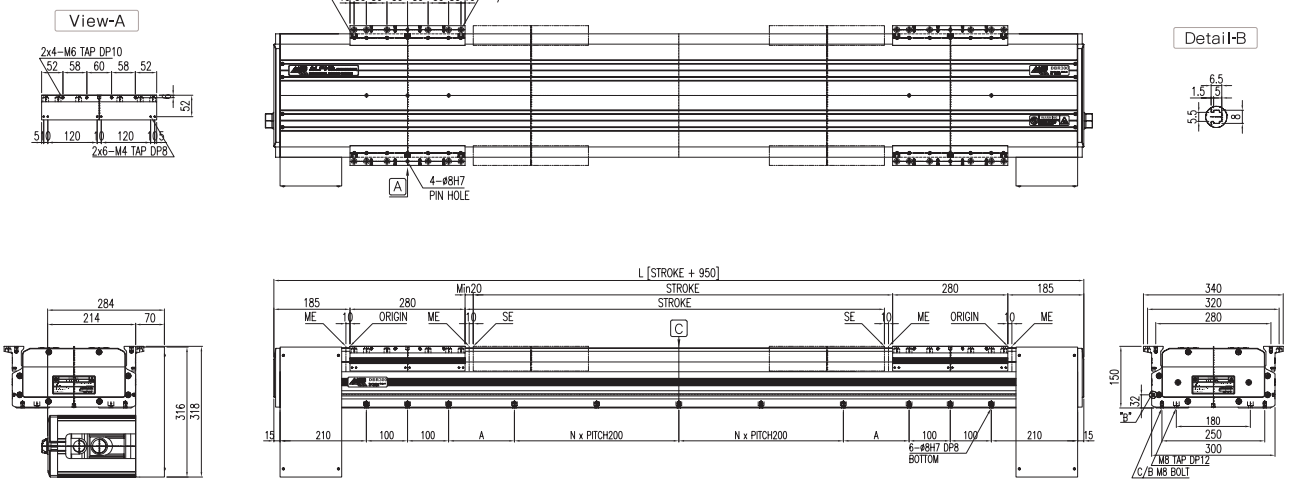
Specification	Unit	Data			
Acceleration	G	0.3			
Load	kg	35	50	65	80
Allowable Overhang Distance - mm					
Note3 Horizontal Use	0°	1000	1000	1000	1000
	45°	1000	1000	1000	1000
	90°	1000	1000	1000	1000
Note4 Wall Installation Use	0°	1000	1000	1000	1000
	45°	1000	1000	904	722
	90°	1000	1000	1000	1000
Note5 Vertical Use	0°	1000	1000	1000	1000
	45°	1000	1000	871	715
	90°	1000	1000	1000	1000
Note3 Estimated Condition	Max Speed : 2000 mm/s		Acceleration : 0.3 G (2.94 m/s^2)		
	Life in traveled distance : 30000 km				

DBR300-2UL1

* All dimensions in mm



DBR300-2UL2



Weight	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	DBR300-P-1K	kg	114.2	127.1	140.1	153.0	166.0	179.0	191.9	204.9	217.8	230.8	4.32

Speed	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	DBR300-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 50, 100, 150, 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 | DBR300-SL | DBR300-SR | DBR300-PL | DBR300-PR | DBR300-BL | DBR300-BR | DBR300-UL | DBR300-UR

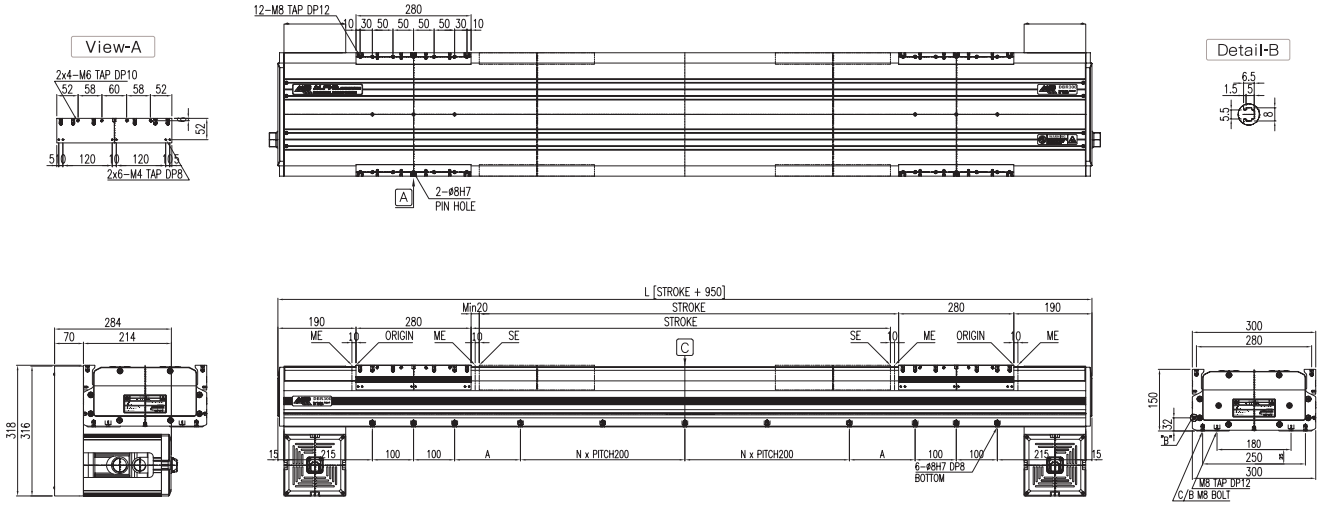
H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	DBR300-2UR1/2-1KN
DBR300-2UR1 / DBR300-2UR2			
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

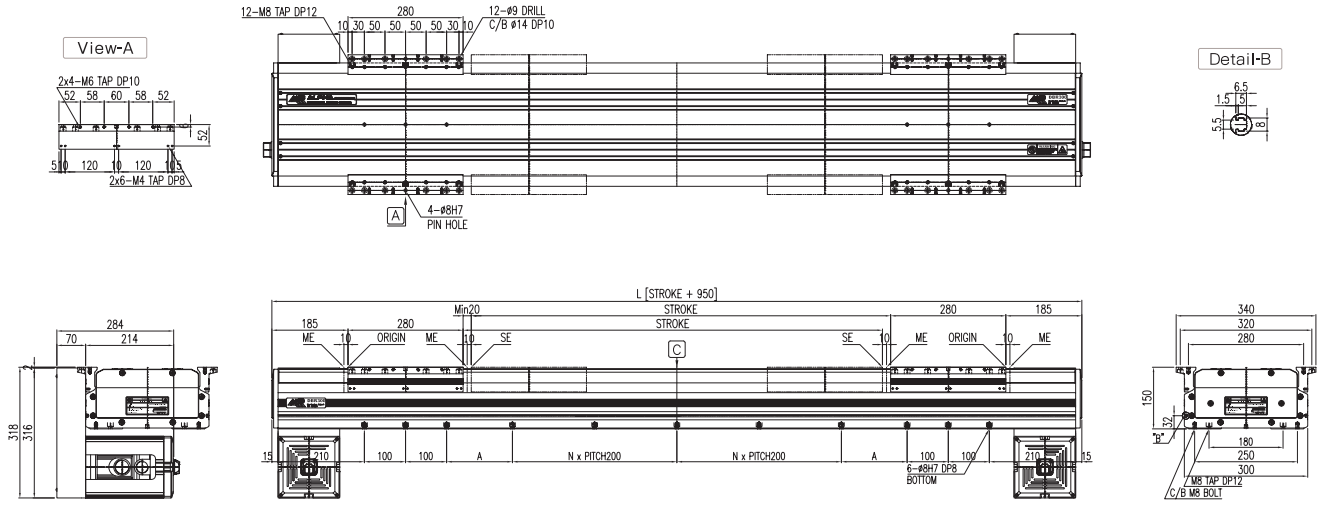
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	35	50	65	80
Allowable Overhang Distance - mm	Note3 Horizontal Use	0°	1000	1000	1000	1000
		45°	1000	1000	1000	1000
		90°	1000	1000	1000	1000
	Note4 Wall Installation Use	0°	1000	1000	1000	1000
		45°	1000	1000	904	722
		90°	1000	1000	1000	1000
	Note5 Vertical Use	0°	1000	1000	1000	1000
		45°	1000	1000	871	715
		90°	1000	1000	1000	1000
Note3	Estimated Condition	Max Speed : 2000 mm/s	Acceleration : 0.3 G (2.94 m/s^2)			
		Life in traveled distance : 30000 km				

DBR300-2UR1

* All dimensions in mm



DBR300-2UR2



Weight	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	DBR300-P-1K	kg	114.2	127.1	140.1	153.0	166.0	179.0	191.9	204.9	217.8	230.8	4.32
Speed	Model \ Stroke	Units	300	600	900	1200	1500	1800	2100	2400	2700	3000	Offset(100)
	DBR300-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 50, 100, 150, 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.