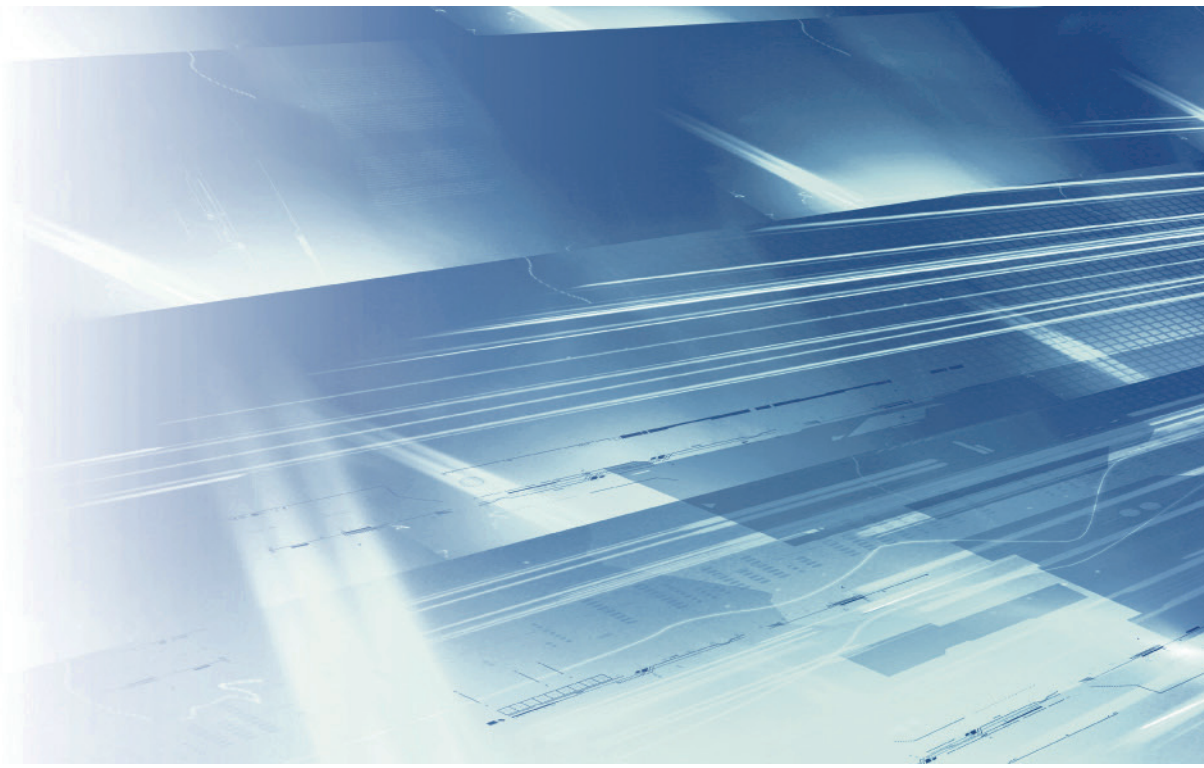
Alpha Miniature Robot

ARM

Miniature Ball Screw Series





Characteristics

- High rigid structure through bottom base type / 50% higher rigidity than other products
  하부 베이스 타입으로 고강성 실현 / 타사대비 강성 50% 이상 향상
- Excellent in assembly and inspection of small size products
  소형 제품 조립 / 검사시 탁월
- Compact design and high rigid structure with Alpha's standardization of ball screw
  알파로보틱스 표준 Ball screw 직각좌표 로봇 ARM series는 컴팩트한 디자인의 고강성 구조
- Wide-ranging configuration and application with various sized models
  고속, 고정밀 위치결정 성능이 탁월하며 다양한 제품 모델을 갖추고 있으며 동작속도,
  위치정밀도, 동작범위 및 부하에 따른 내구성이 강하며 다양한 응용분야에 대응 가능
- High durability against high speed, long stroke, and high load
  유지보수 간편한 구조, 높은 신뢰성 실현
- Easy maintenance and high reliability positioning repeatability ±0.02mm
  반복위치 정밀도가 ±0.02mm로 고정도 실현
- 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 ARM SERIES

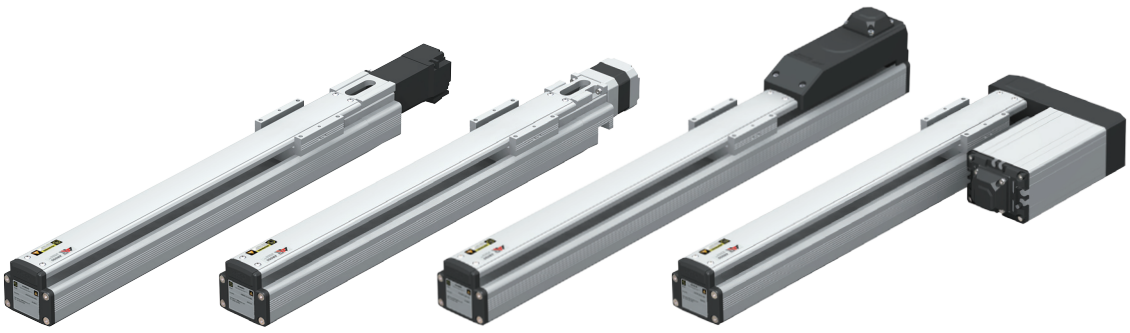
ARM040	-	S	1	-	500	-	10	N	-	H
1		2	3		4		5	6		7



1 SERIES
2 SHAPE
3 SLIDE TABLE TYPE
4 STROKE (mm)
5 MOTOR RATED OUTPUT
6 BRAKE OPTION
7 SPEED (mm/s)

B OPTIONS

ER	-	L	-	W	-	N	-	F00
1		2		3		4		5



1 SENSOR
2 CABLEVEYOR
3 COLOR OF ROBOT
4 SURFACE TREATMENT
5 CABLE LENGTH

ORDER INFORMATION

ARM SERIES — ALPHA Miniature Robot


ARM040


ARM050


ARM060

S	 Straight Normal Type	SN	 Straight Without Motor Cover Type
PL	 Parallel Left Type	PR	 Parallel Right Type

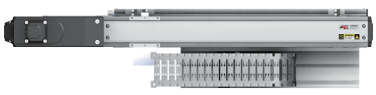
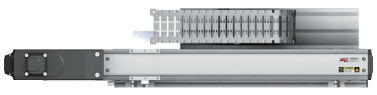
1	Normal Type 	2	Plane Type [ARM060 OPTION] 



05	50W	10	100W
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

N	None	ER	External Sensor on right side 	EL	External Sensor on left side 

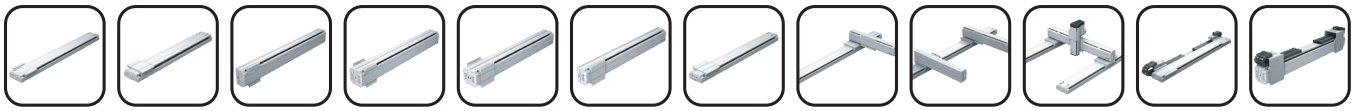
N	None	R	Right side 	L	Left side 

W	White (Standard)	B	Black Anodizing
N	Surface Treatment (Standard)	R	Raydent Surface Treatment (LM Rail)

Flexible Cable

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

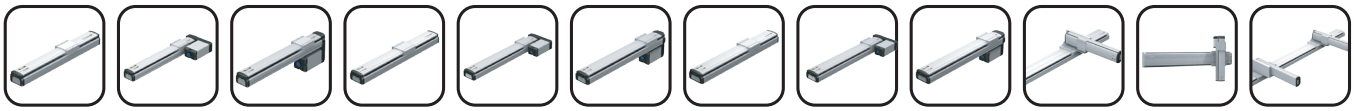
* Please do not hesitate to contact us when the cable is applied more than 10m.



ALPHA MINIATURE ROBOT SPECIFICATIONS

Product		Rated Output	Ball Screw ※1		Max. Speed		Max. Load (H)					Max. Load (V)				
		w	E.D	Lead	mm/s		10	20	30	40	kg	10	20	30	40	kg
ARM SERIES	M040	50	∅12	5	L	250					10					6
		50	∅12	10	N	500					2.5					2
		50	∅12	20	H	1000					2.5					2
		100	∅12	5	L	250					15					10
		100	∅12	10	N	500					4					2.5
		100	∅12	20	H	1000					4					2.5
	M050	50	∅12	5	L	250					12					8
		50	∅12	10	N	500					2.5					2
		50	∅12	20	H	1000					2.5					2
		100	∅12	5	L	250					20					12
		100	∅12	10	N	500					5					3.5
		100	∅12	20	H	1000					5					3.5
	M060	100	∅12	5	L	250					22					15
		100	∅12	10	N	500					6					4
		100	∅12	20	H	1000					6					4

※1 : Accuracy class of Ball screw is C7



PRO GRAM | mm | mm/s | kg

Repeatability	Max. Stroke																									Page no.
mm	40	80	120	160	200	240	280	320	360	400	440	480	520	560	600	640	680	720	760	800	840	880	920	960	1000	mm
±0.02	250 mm/s																									400	B11.1 ~ 3
±0.02	500 mm/s																									400	B11.1 ~ 3
±0.02	1000 mm/s																									400	B11.1 ~ 3
±0.02	250 mm/s																									400	B11.1 ~ 3
±0.02	500 mm/s																									400	B11.1 ~ 3
±0.02	1000 mm/s																									400	B11.1 ~ 3
±0.02	250 mm/s																									600	B12.1 ~ 3
±0.02	500 mm/s																									600	B12.1 ~ 3
±0.02	1000 mm/s																									600	B12.1 ~ 3
±0.02	250 mm/s																									600	B12.1 ~ 3
±0.02	500 mm/s																									600	B12.1 ~ 3
±0.02	1000 mm/s																									600	B12.1 ~ 3
±0.02	250 mm/s																									600	B13.1 ~ 5
±0.02	500 mm/s																									600	B13.1 ~ 5
±0.02	1000 mm/s																									600	B13.1 ~ 5

Model	ARM040-SN	ARM040-S	ARM040-PL	ARM040-PR				

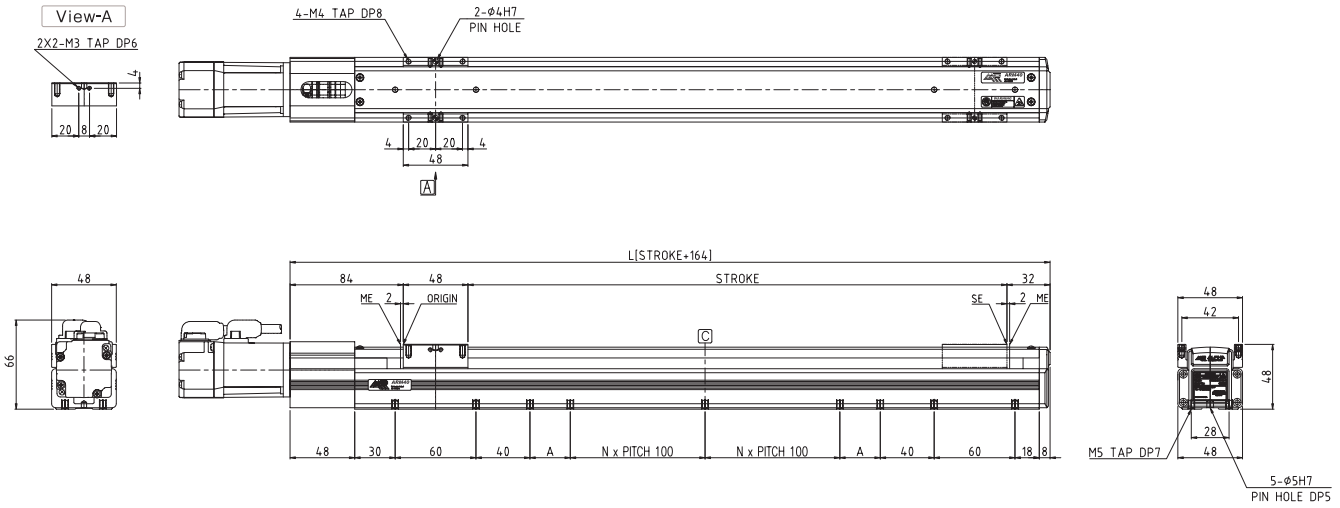
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	ARM040-SN-05N/10N	
ARM040-SN-05N		ARM040-SN-10N	
Rated Output	W	50W, 3000 min^{-1}	100W, 3000 min^{-1}
Max. Speed Note1	mm/s	250 (1000)	
Max. Load Note2	kg	H:10 (2.5) V:6 (2)	H:15 (4) V:10 (2.5)
Stroke Range	mm	50 ~ 400	
Repeatability	mm	± 0.02	
Drive Type	-	BALL SCREW	

Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	2	6	10	14
Allowable Overhang Distance - mm	Horizontal Use	0°	380	120	70	45
		45°	370	115	65	45
		90°	500	500	500	500
	Wall Installation Use	0°	500	500	500	500
		45°	365	115	65	45
		90°	380	120	70	45
	Vertical Use	0°	500	200	120	85
		45°	290	95	55	40
		90°	500	170	110	70
Note3	Estimated Condition	Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94 m/s^2)		
		Life in traveled distance : 15000 km				

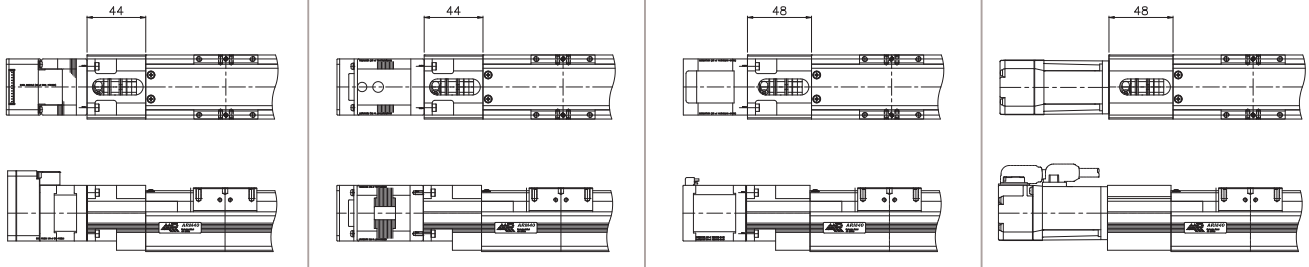
ARM040-SN

* All dimensions in mm



* Please select one motor described below

STEPPING MOTOR	STEPPING MOTOR	STEPPING MOTOR	SERVO MOTOR
COOL MUSCLE	TAMAGAWA	SANMOTION	MITSUBISHI / YASKAWA



Weight	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM040-SN-5N/10N	kg	1.6	1.9	2.2	2.5							0.30

Speed	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM040-SN-L	mm/s	250										
	ARM040-SN-N	mm/s	500										

⚠ CAUTION

Please be careful of surrounding interference when it is returning to origin because of the slide moves to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of 'A' change by 25, 50, 75, 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.

Model	ARM040-SN	ARM040-S	ARM040-PL	ARM040-PR				

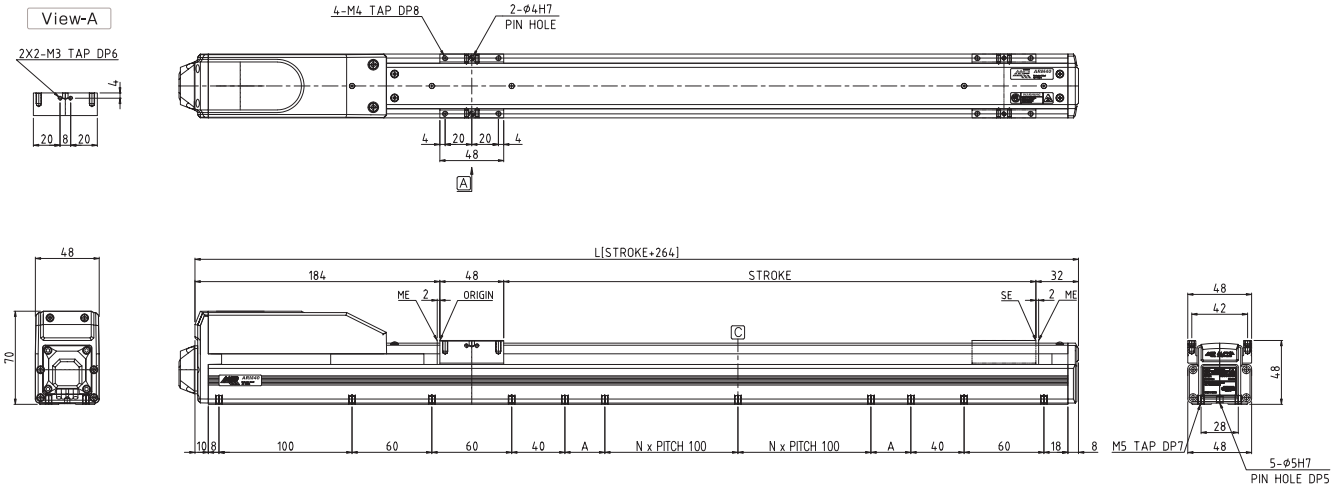
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	ARM040-S-05N/10N	
		ARM040-S-05N	ARM040-S-10N
			
Rated Output	W	50W, 3000 min^{-1}	100W, 3000 min^{-1}
Max. Speed Note1	mm/s	250 (1000)	
Max. Load Note2	kg	H:10 (2.5) V:6 (2)	H:15 (4) V:10 (2.5)
Stroke Range	mm	50 ~ 400	
Repeatability	mm	± 0.02	
Drive Type	-	BALL SCREW	

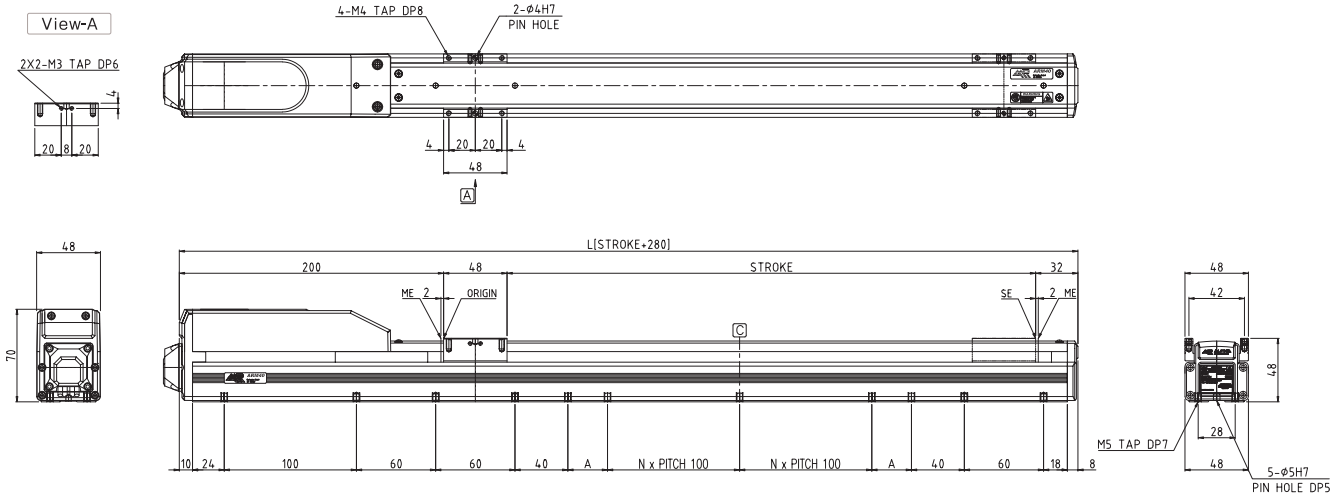
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	2	6	10	14
Allowable Overhang Distance - mm	Horizontal Use	0°	380	120	70	45
		45°	370	115	65	45
		90°	500	500	500	500
	Wall Installation Use	0°	500	500	500	500
		45°	365	115	65	45
		90°	380	120	70	45
	Vertical Use	0°	500	200	120	85
		45°	290	95	55	40
		90°	500	170	110	70
Note3	Estimated Condition	Max Speed : 500 mm/s	Acceleration : 0.3 G (2.94 m/s^2)			
		Life in traveled distance : 15000 km				

ARM040-S-05N

* All dimensions in mm



ARM040-S-10N



	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
Weight	ARM040-S-05N	kg	1.9	2.2	2.5	2.8							0.30
Speed	ARM040-S-L	mm/s	250										
	ARM040-S-N	mm/s	500										

⚠ CAUTION

Please be careful of surrounding interference when it is returning to origin because of the slide moves to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of 'A' change by 25, 50, 75, 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.

Model	ARM040-SN	ARM040-S	ARM040-PL	ARM040-PR				

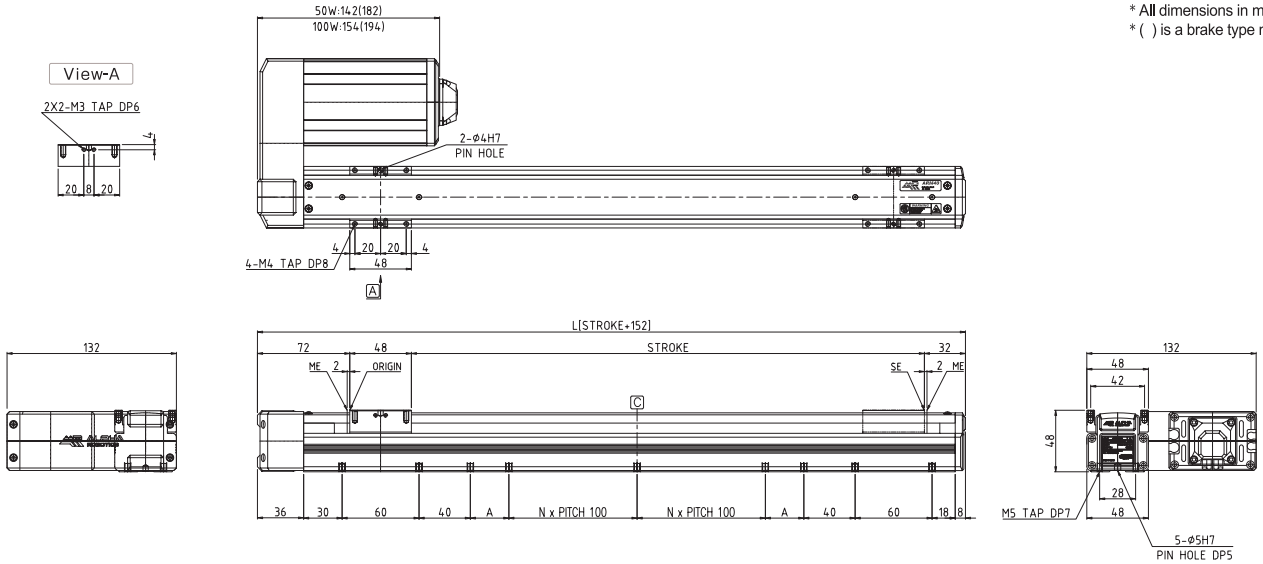
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	ARM040-PL(PR)-05N/10N	
ARM040-PL-05N/10N 		ARM040-PR-05N/10N 	
Rated Output	W	50W, 3000 min^{-1}	100W, 3000 min^{-1}
Max. Speed Note1	mm/s	250 (1000)	
Max. Load Note2	kg	H:10 (2.5) V:6 (2)	H:15 (4) V:10 (2.5)
Stroke Range	mm	50 ~ 400	
Repeatability	mm	± 0.02	
Drive Type	-	BALL SCREW	

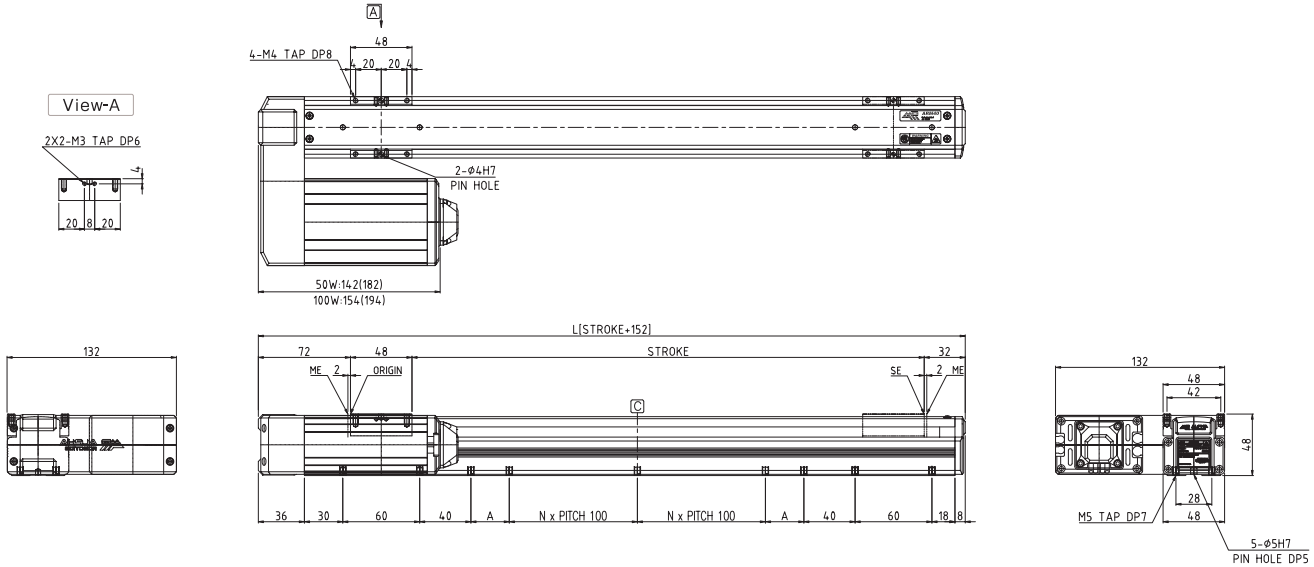
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	2	6	10	14
Allowable Overhang Distance - mm	Horizontal Use 	0°	380	120	70	45
		45°	370	115	65	45
		90°	500	500	500	500
	Wall Installation Use 	0°	500	500	500	500
		45°	365	115	65	45
		90°	380	120	70	45
	Vertical Use 	0°	500	200	120	85
		45°	290	95	55	40
		90°	500	170	110	70
Note3	Estimated Condition	Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94 m/s^2)		
		Life in traveled distance : 15000 km				

ARM040-PL

* All dimensions in mm
* ( ) is a brake type motor



ARM040-PR



Weight	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM040-PL(PR)-05N	kg	1.5	1.8	2.1	2.4							0.30

Speed	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM040-PL(PR)-L	mm/s	250										
	ARM040-PL(PR)-N	mm/s	500										

⚠ CAUTION

Please be careful of surrounding interference when it is returning to origin because of the slide moves to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 50mm distance, and values of 'A' change by 25, 50, 75, 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.

Model	ARM050-SN	ARM050-S	ARM050-PL	ARM050-PR				

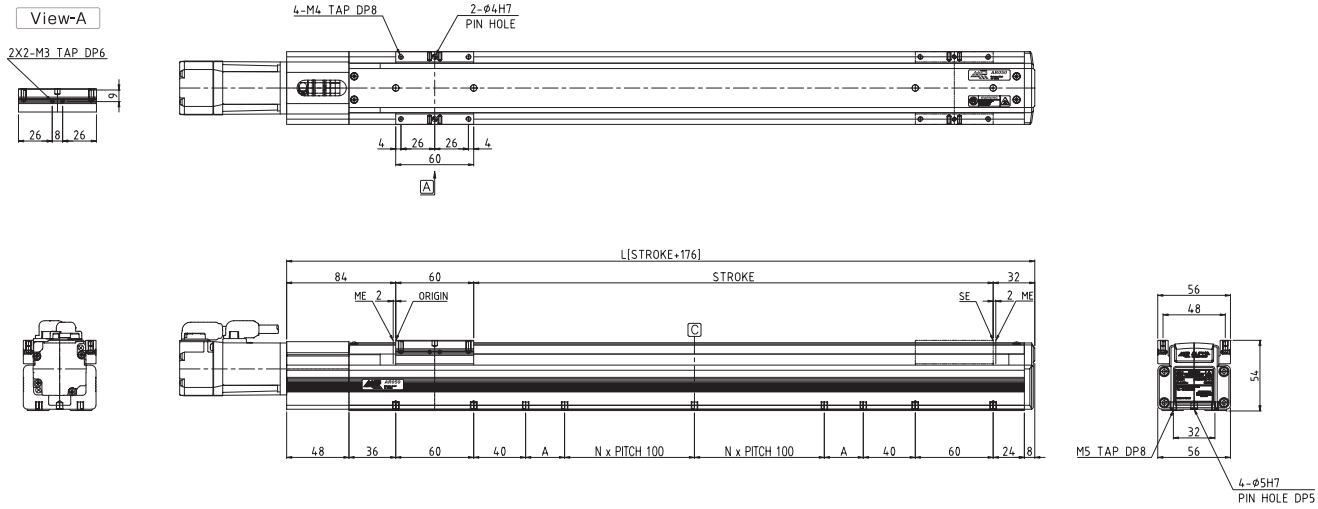
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ARM050-SN-5N/10N	
ARM050-SN-05N			ARM050-SN-10N	
				
Rated Output		W	50W,3000min^{-1}	100W,3000min^{-1}
Max. Speed	Note1	mm/s	250 (1000)	
Max. Load	Note2	kg	H:12 (2.5) V:8 (2)	H:20 (5) V:12 (3.5)
Stroke Range		mm	50 ~ 600	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

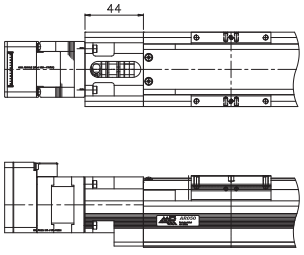
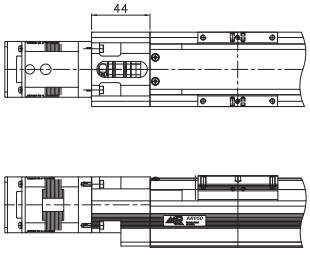
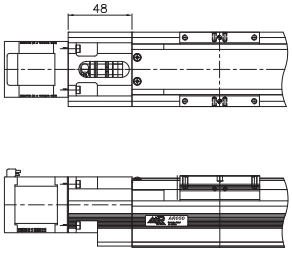
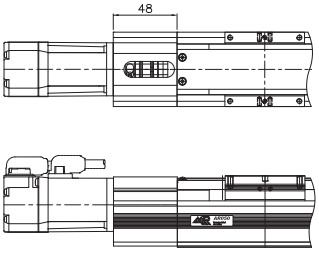
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	5	10	15	20
Allowable Overhang Distance - mm	Horizontal Use	0°	330	160	100	70
		45°	320	155	100	70
		90°	600	600	600	600
	Wall Installation Use	0°	600	600	600	600
		45°	320	155	100	70
		90°	330	160	100	75
	Vertical Use	0°	430	215	145	105
		45°	225	120	75	55
		90°	425	210	140	105
Note3	Estimated Condition		Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94 m/s^2)	
			Life in traveled distance : 15000 km			

ARM050-SN

* All dimensions in mm



* Please select one motor described below

STEPPING MOTOR	STEPPING MOTOR	STEPPING MOTOR	SERVO MOTOR
COOL MUSCLE	TAMAGAWA	SANMOTION	MITSUBISHI / YASKAWA
			

Weight	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM050-SN-5N/10N	kg	2.0	2.5	3.0	3.5	4.0	4.5					0.50

Speed	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM050-SN-L	mm/s	250										
	ARM050-SN-N	mm/s	500										

⚠ CAUTION

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NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.

Model	ARM050-SN	ARM050-S	ARM050-PL	ARM050-PR				

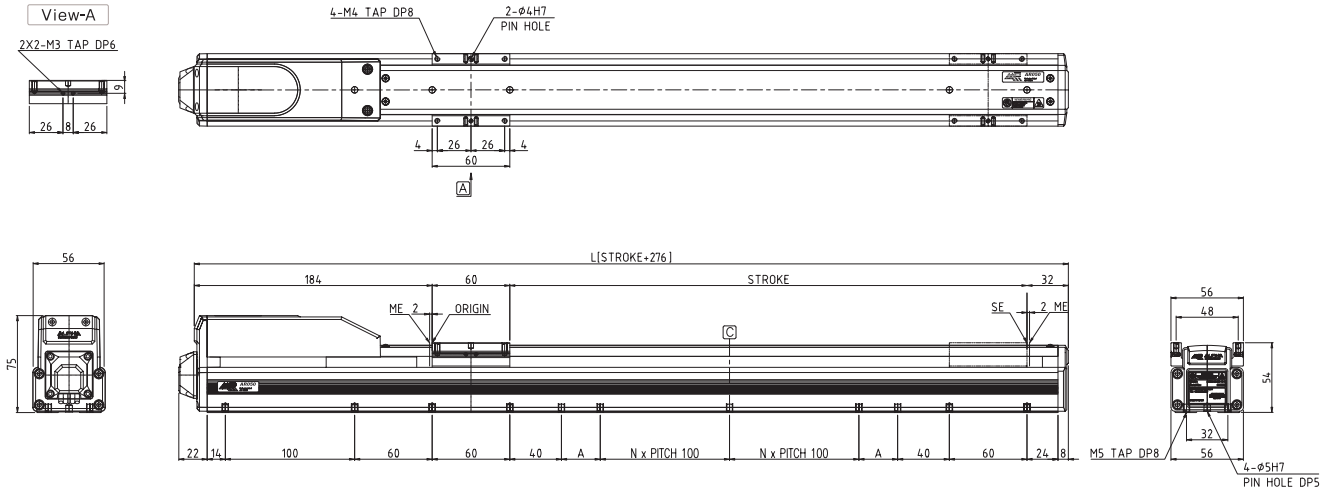
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ARM050-S-5/10N	
ARM050-S-05N 			ARM050-S-10N 	
Rated Output		W	50W,3000min^{-1}	100W,3000min^{-1}
Max. Speed	Note1	mm/s	250 (1000)	
Max. Load	Note2	kg	H:12 (2.5) V:8 (2)	H:20 (5) V:12 (3.5)
Stroke Range		mm	50 ~ 600	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

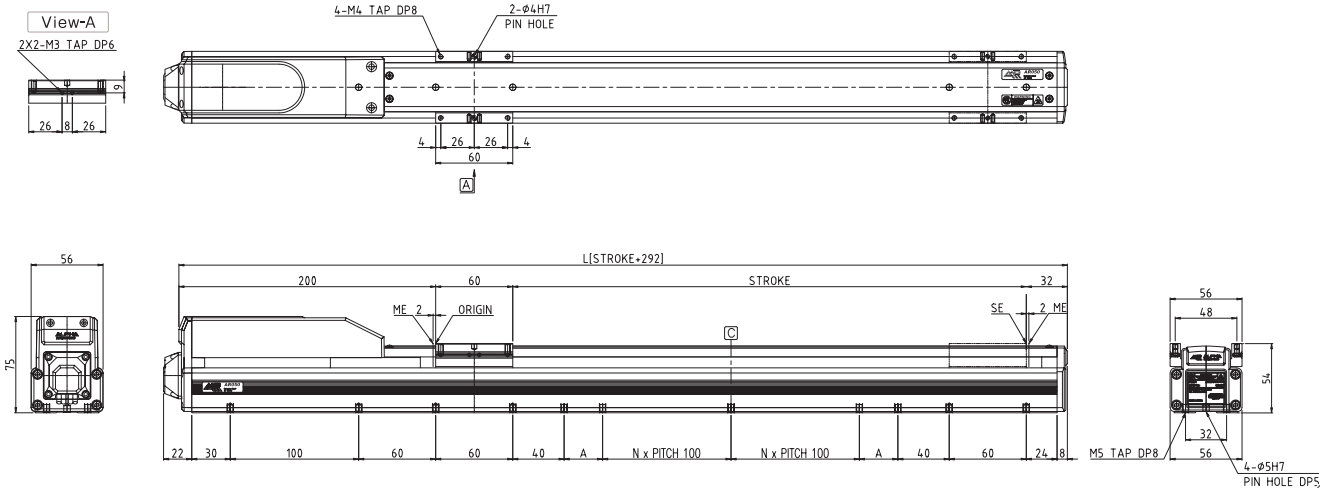
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	5	10	15	20
Allowable Overhang Distance - mm	Horizontal Use 	0°	330	160	100	70
		45°	320	155	100	70
		90°	600	600	600	600
	Wall Installation Use 	0°	600	600	600	600
		45°	320	155	100	70
		90°	330	160	100	75
	Vertical Use 	0°	430	215	145	105
		45°	225	120	75	55
		90°	425	210	140	105
Note3	Estimated Condition	Max Speed : 500 mm/s	Acceleration : 0.3 G (2.94 m/s^2)			
		Life in traveled distance : 15000 km				

ARM050-S-05N

* All dimensions in mm



ARM050-S-10N



Weight	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM050-S-5N/10N	kg	2.2	2.7	3.2	3.7	4.2	4.7					0.50

Speed	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM050-S-L	mm/s	250										
	ARM050-S-N	mm/s	500										

⚠ CAUTION

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Standard stroke changes by 50mm distance, and values of 'A' change by 25, 50, 75, 100

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NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.

Model | ARM050-SN | ARM050-S | **ARM050-PL** | **ARM050-PR**

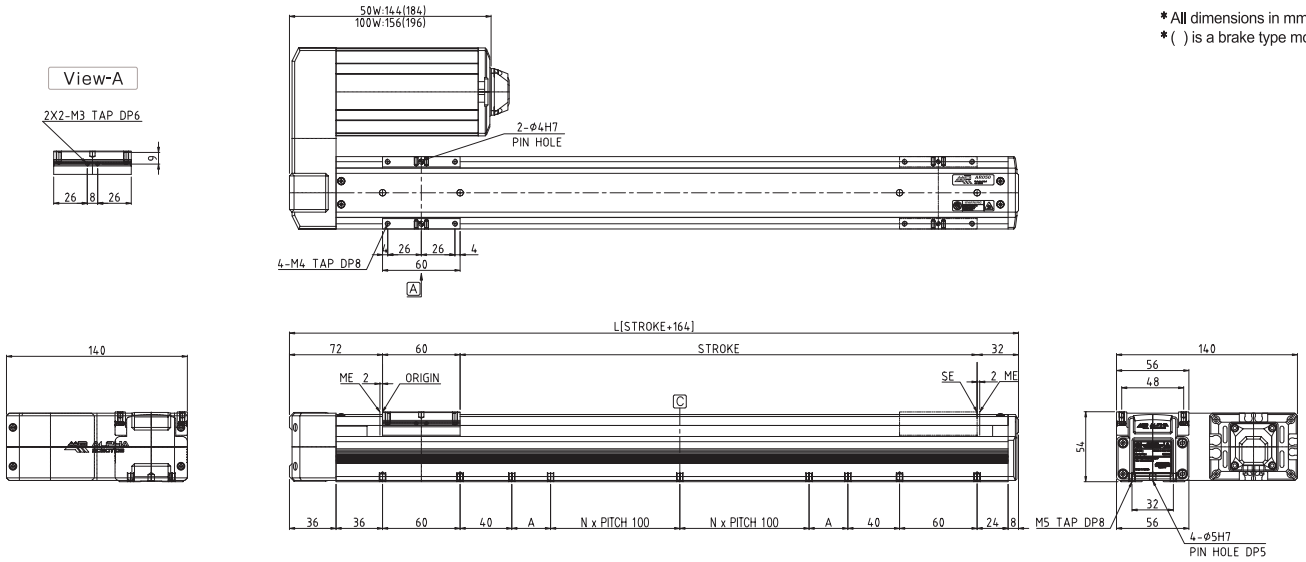
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ARM050-PL(PR)-5N/10N	
ARM050-PL-05N/10N 			ARM050-PR-05N/10N 	
Rated Output		W	50W,3000min^{-1}	100W,3000min^{-1}
Max. Speed	Note1	mm/s	250 (1000)	
Max. Load	Note2	kg	H:12 (2.5) V:8 (2)	H:20 (5) V:12 (3.5)
Stroke Range		mm	50 ~ 600	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

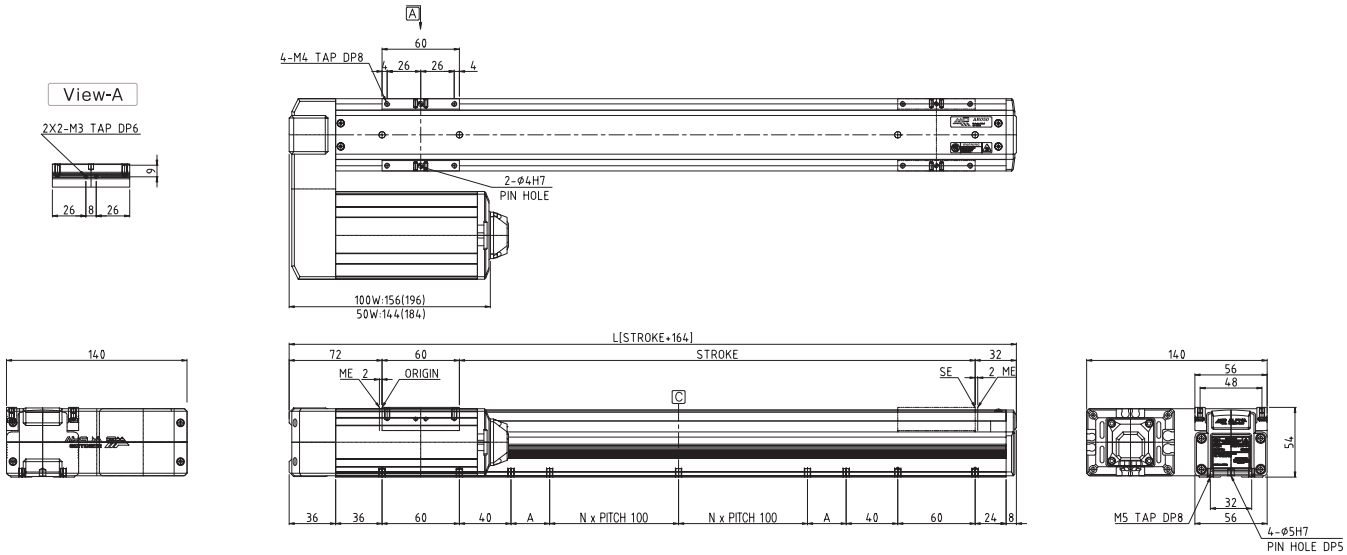
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	5	10	15	20
Allowable Overhang Distance - mm	Horizontal Use 	0°	330	160	100	70
		45°	320	155	100	70
		90°	600	600	600	600
	Wall Installation Use 	0°	600	600	600	600
		45°	320	155	100	70
		90°	330	160	100	75
	Vertical Use 	0°	430	215	145	105
		45°	225	120	75	55
		90°	425	210	140	105
Note3	Estimated Condition	Max Speed : 500 mm/s	Acceleration : 0.3 G (2.94 m/s^2)			
		Life in traveled distance : 15000 km				

ARM050-PL

* All dimensions in mm
* ( ) is a brake type motor



ARM050-PR



	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
Weight	ARM050-PL(PR)-10N	kg	2.0	2.5	3.0	3.5	4.0	4.5					0.50
Speed	ARM050-PL(PR)-L	mm/s	250										
	ARM050-PL(PR)-N	mm/s	500										

⚠ CAUTION

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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.

Model	ARM060-SN	ARM060-S	ARM060-PL	ARM060-PR	ARM060-PU			

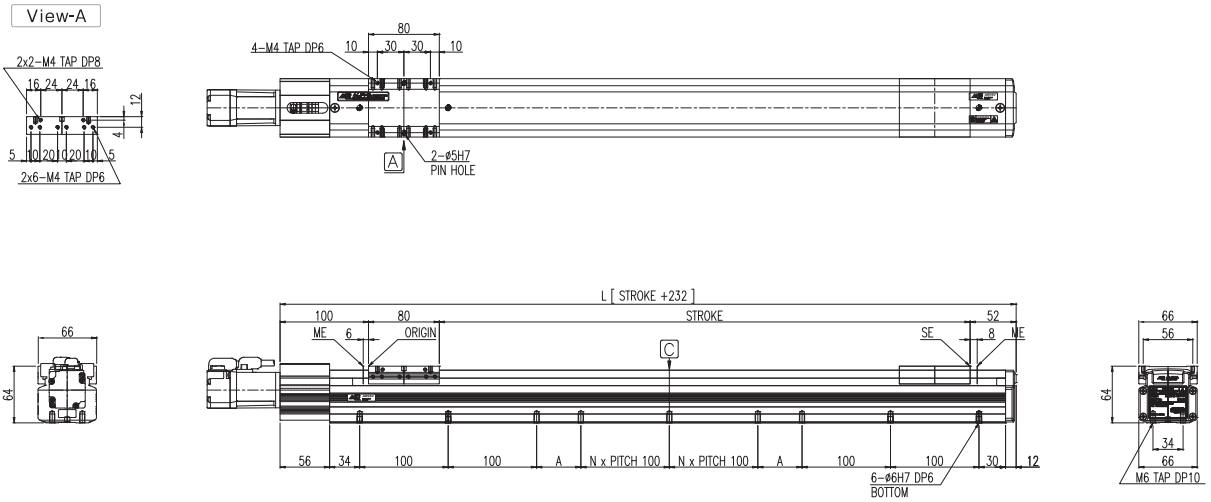
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ARM060-SN1/2-10N	
ARM060-SN1-10N 			ARM060-SN2-10N 	
Rated Output		W	100W, 3000 min-1	
Max. Speed	Note1	mm/s	500(1000)	
Max. Load	Note2	kg	H:22 (6)	H:15 (4)
Stroke Range		mm	100 ~ 600	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

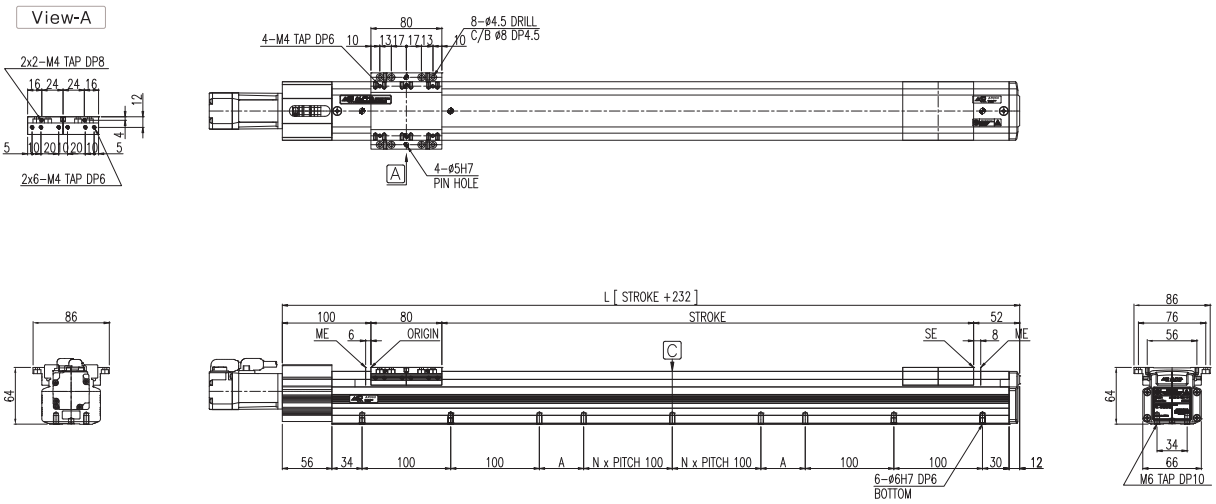
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	3	6	10	16
Allowable Overhang Distance - mm	Horizontal Use 	0°	335	162	92	53
		45°	320	155	89	51
		90°	350	350	350	350
	Wall Installation Use 	0°	350	350	350	350
		45°	315	154	88	51
		90°	340	165	95	55
	Vertical Use 	0°	350	198	119	74
		45°	210	105	63	40
		90°	350	197	118	74
Note3	Estimated Condition	Max Speed : 1000 mm/s		Acceleration : 0.3 G (2.94 m/s²)		
		Life in traveled distance : 30000 km				

ARM060-SN1

* All dimensions in mm



ARM060-SN2



Weight	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM060-S-10N	kg	3.4	3.9	4.4	4.9	5.4	5.9					0.50

Speed	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM060-S-L	mm/s	250										
	ARM060-S-N	mm/s	500										

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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.

Model	ARM060-SN	ARM060-S	ARM060-PL	ARM060-PR	ARM060-PU			

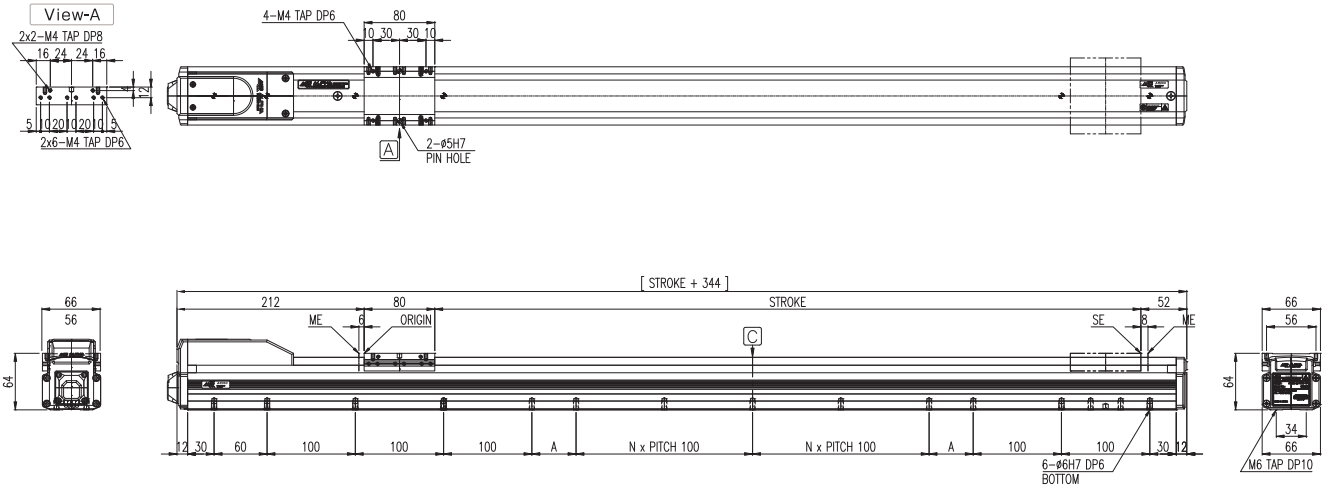
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ARM060-S1/2-10N	
ARM060-S1-10N				
ARM060-S2-10N				
Rated Output		W	100W, 3000 min^{-1}	
Max. Speed	Note1	mm/s	500(1000)	
Max. Load	Note2	kg	H:22 (6)	H:15 (4)
Stroke Range		mm	100 ~ 600	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

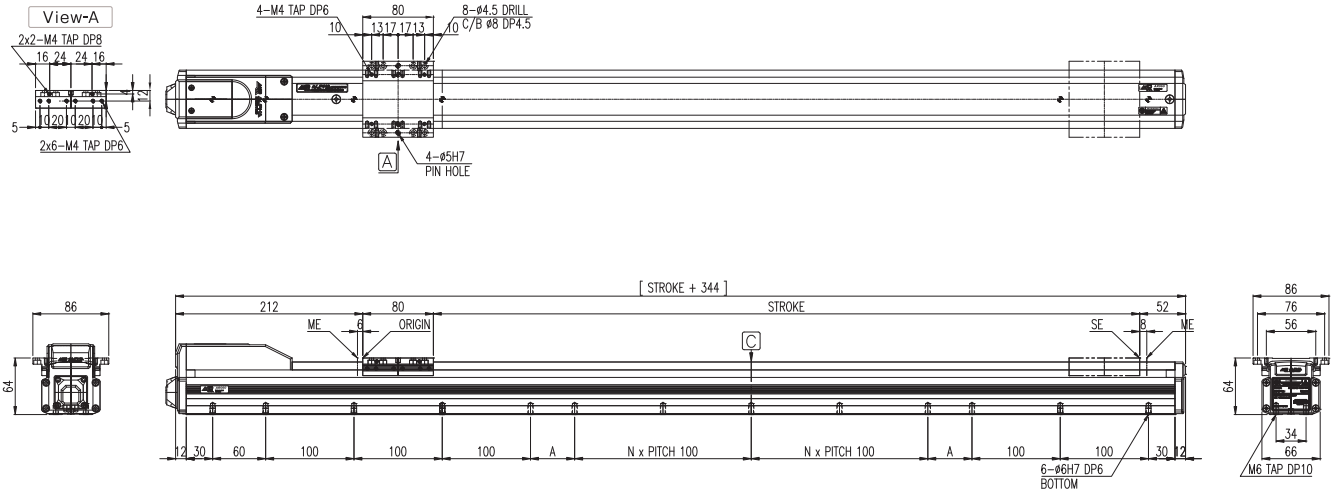
Specification			Unit	Data			
Acceleration			G	0.3			
Load			kg	3	6	10	16
Allowable Overhang Distance - mm	Horizontal Use		0°	335	162	92	53
			45°	320	155	89	51
			90°	350	350	350	350
	Wall Installation Use		0°	350	350	350	350
			45°	315	154	88	51
			90°	340	165	95	55
	Vertical Use		0°	350	198	119	74
			45°	210	105	63	40
			90°	350	197	118	74
Note3	Estimated Condition		Max Speed : 1000 mm/s		Acceleration : 0.3 G (2.94 m/s²)		
			Life in traveled distance : 30000 km				

ARM060-S1

* All dimensions in mm



ARM060-S2



Weight	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM060-S-10N	kg	4.7	5.2	5.7	6.2	7.7	8.2					0.50

Speed	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM060-S-L	mm/s	250										
	ARM060-S-N	mm/s	500										

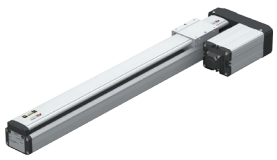
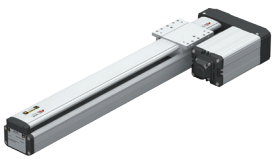
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Model	ARM060-SN	ARM060-S	ARM060-PL	ARM060-PR	ARM060-PU			

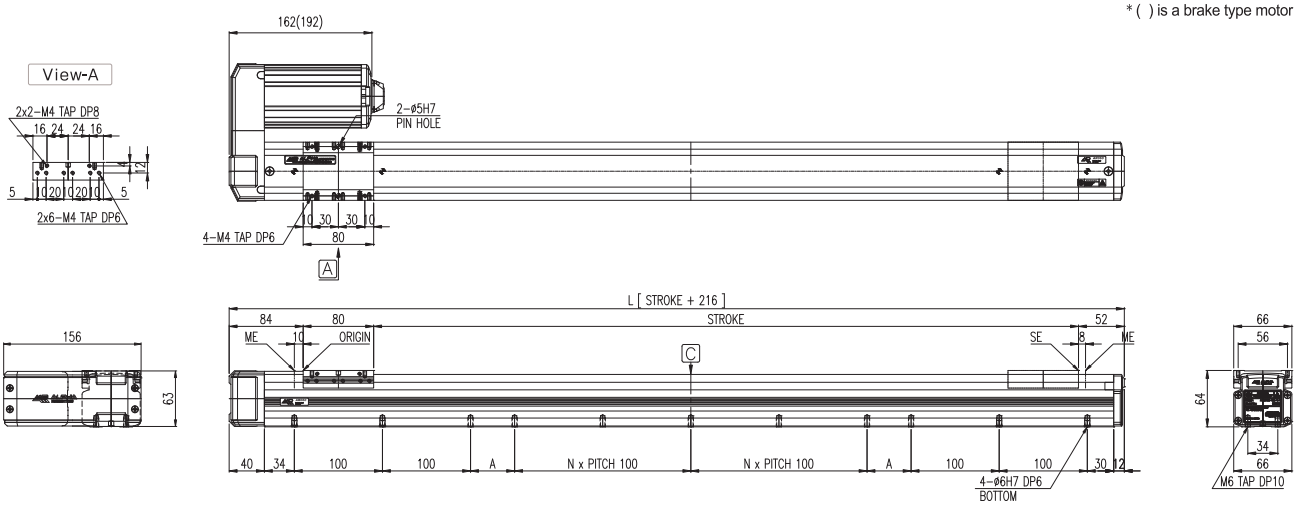
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ARM060-PL1/2-10N	
ARM060-PL1-10N				
ARM060-PL2-10N				
Rated Output		W	100W, 3000 min-1	
Max. Speed	Note1	mm/s	500(1000)	
Max. Load	Note2	kg	H:22 (6)	H:15 (4)
Stroke Range		mm	100 ~ 600	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

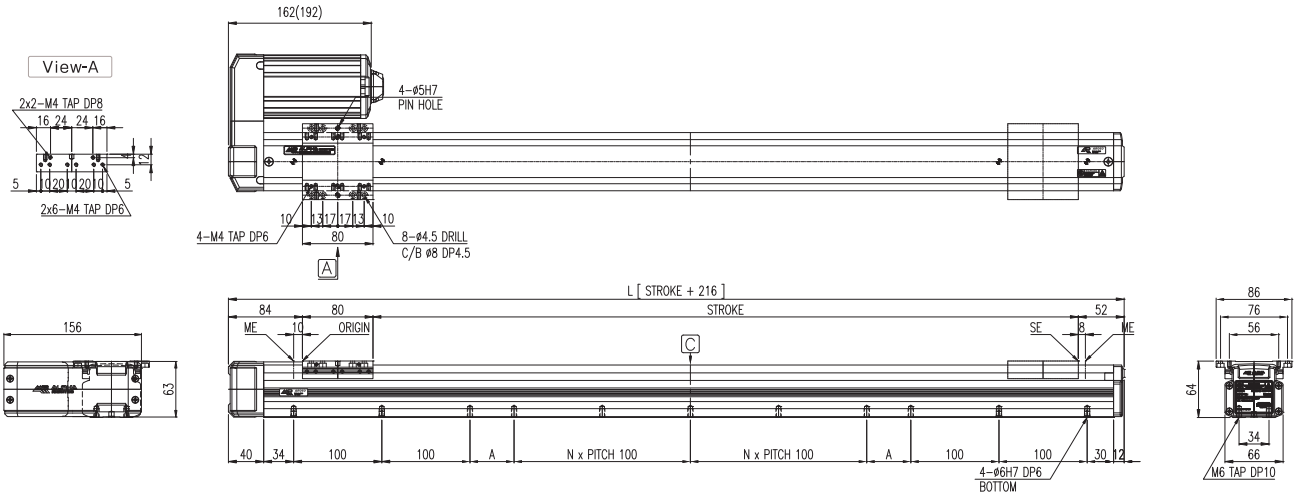
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	3	6	10	16
Allowable Overhang Distance - mm	Horizontal Use	0°	335	162	92	53
		45°	320	155	89	51
		90°	350	350	350	350
	Wall Installation Use	0°	350	350	350	350
		45°	315	154	88	51
		90°	340	165	95	55
	Vertical Use	0°	350	198	119	74
		45°	210	105	63	40
		90°	350	197	118	74
Note3	Estimated Condition		Max Speed : 1000 mm/s		Acceleration : 0.3 G (2.94 m/s²)	
			Life in traveled distance : 30000 km			

ARM060-PL1

* All dimensions in mm
* ( ) is a brake type motor



ARM060-PL2



Weight	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM060-PL-10N	kg	4.0	4.5	5.0	5.5	6.0	6.5					0.50
Speed	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
	ARM060-PL-L	mm/s	250										
	ARM060-PL-N	mm/s	500										

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Model	ARM060-SN	ARM060-S	ARM060-PL	ARM060-PR	ARM060-PU			

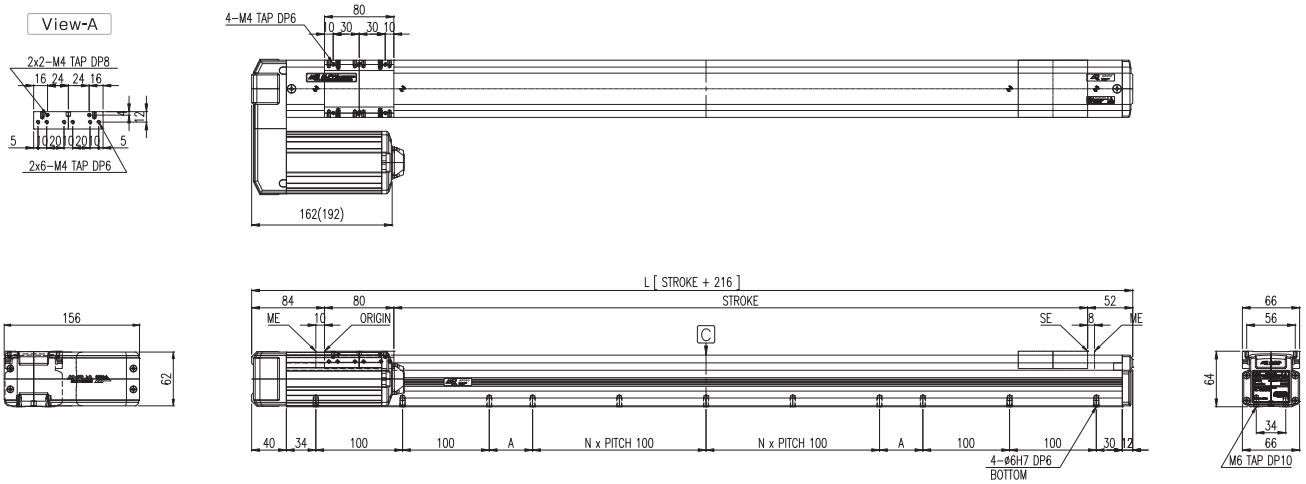
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ARM060-PR1/2-10N	
ARM060-PR1-10N				
ARM060-PR2-10N				
Rated Output		W	100W, 3000 min^{-1}	
Max. Speed	Note1	mm/s	500(1000)	
Max. Load	Note2	kg	H:22 (6)	H:15 (4)
Stroke Range		mm	100 ~ 600	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

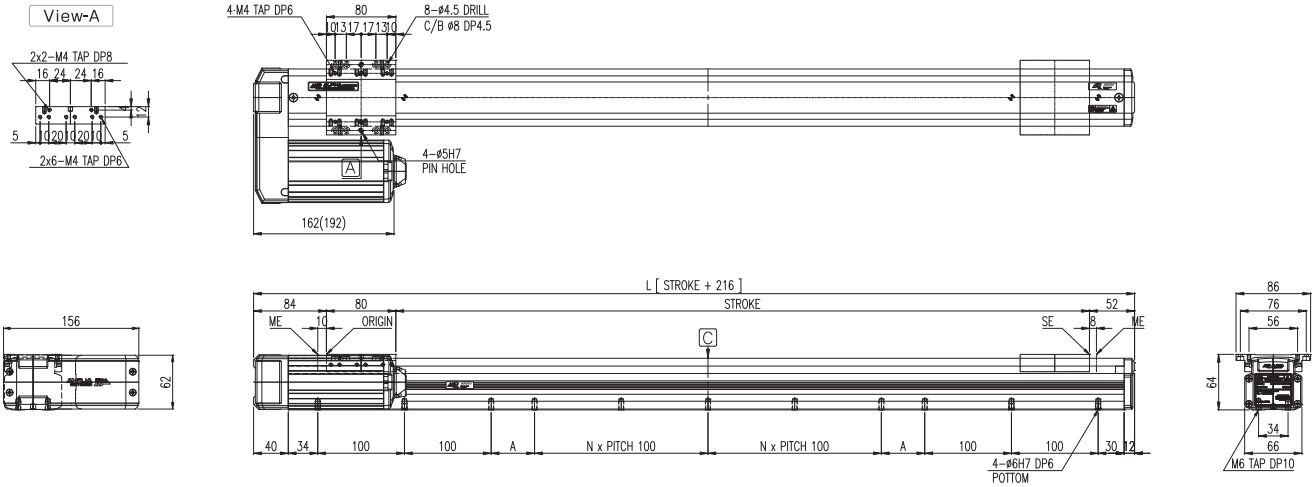
Specification			Unit	Data			
Acceleration			G	0.3			
Load			kg	3	6	10	16
Allowable Overhang Distance - mm	Horizontal Use		0°	335	162	92	53
			45°	320	155	89	51
			90°	350	350	350	350
	Wall Installation Use		0°	350	350	350	350
			45°	315	154	88	51
			90°	340	165	95	55
	Vertical Use		0°	350	198	119	74
			45°	210	105	63	40
			90°	350	197	118	74
Note3	Estimated Condition		Max Speed : 1000 mm/s		Acceleration : 0.3 G (2.94 m/s^2)		
			Life in traveled distance : 30000 km				

ARM060-PR1

* All dimensions in mm
* ( ) is a brake type motor



ARM060-PR2



	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
Weight	ARM060-PR-10N	kg	4.0	4.5	5.0	5.5	6.0	6.5					0.50
Speed	ARM060-PR-L	mm/s	250										
	ARM060-PR-N	mm/s	500										

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Model	ARM060-SN	ARM060-S	ARM060-PL	ARM060-PR	ARM060-PU			

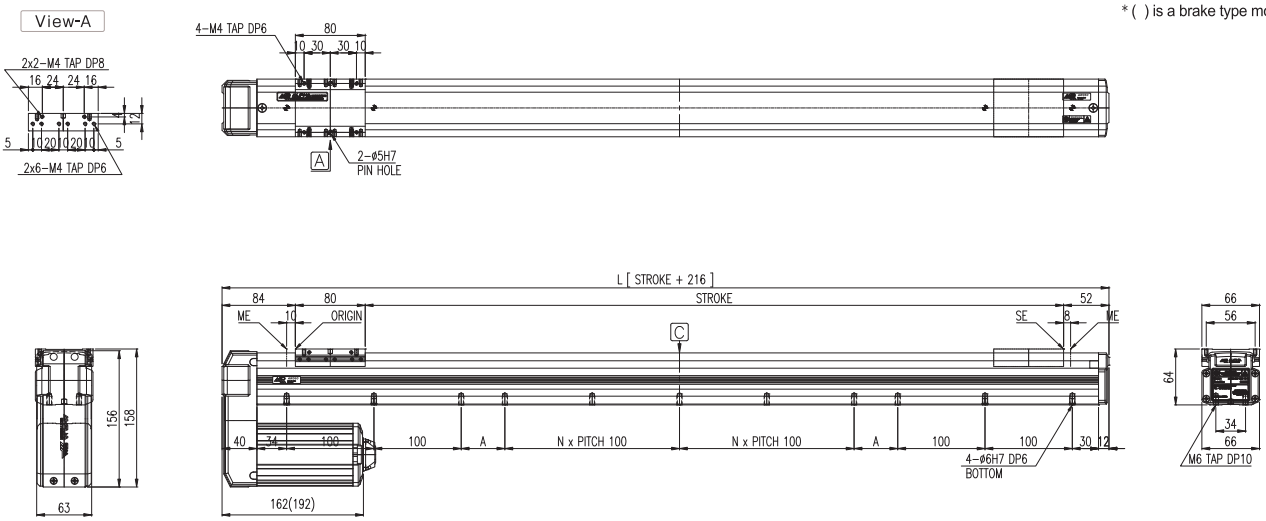
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	ARM060-PU1/2-10N	
ARM060-PU1-10N			
ARM060-PU2-10N			
Rated Output	W	100W, 3000 min-1	
Max. Speed Note1	mm/s	500(1000)	
Max. Load Note2	kg	H:22 (6)	H:15 (4)
Stroke Range	mm	100 ~ 600	
Repeatability	mm	± 0.02	
Drive Type	-	BALL SCREW	

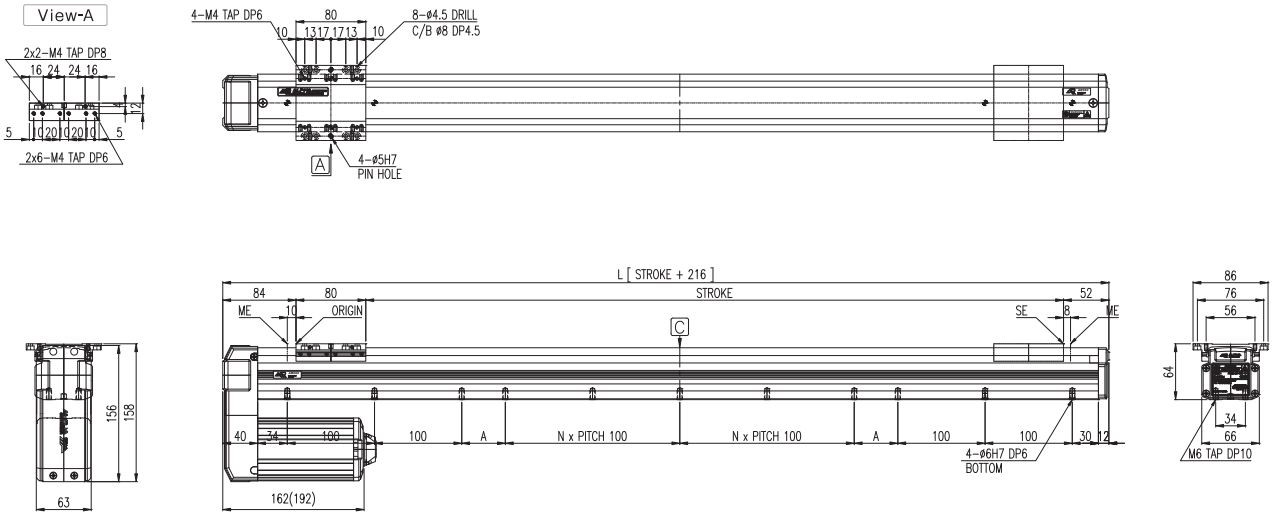
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	3	6	10	16
Allowable Overhang Distance - mm	Horizontal Use	0°	335	162	92	53
		45°	320	155	89	51
		90°	350	350	350	350
	Wall Installation Use	0°	350	350	350	350
		45°	315	154	88	51
		90°	340	165	95	55
	Vertical Use	0°	350	198	119	74
		45°	210	105	63	40
		90°	350	197	118	74
Note3	Estimated Condition	Max Speed : 1000 mm/s		Acceleration : 0.3 G (2.94 m/s²)		
		Life in traveled distance : 30000 km				

ARM060-PU1

* All dimensions in mm
* ( ) is a brake type motor



ARM060-PU2



	Model \ Stroke	Units	100	200	300	400	500	600	700	800	900	1000	Offset(100)
Weight	ARM060-PU-10N	kg	4.0	4.5	5.0	5.5	6.0	6.5					0.50
Speed	ARM060-PU-L	mm/s	250										
	ARM060-PR-N	mm/s	500										

⚠ CAUTION

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