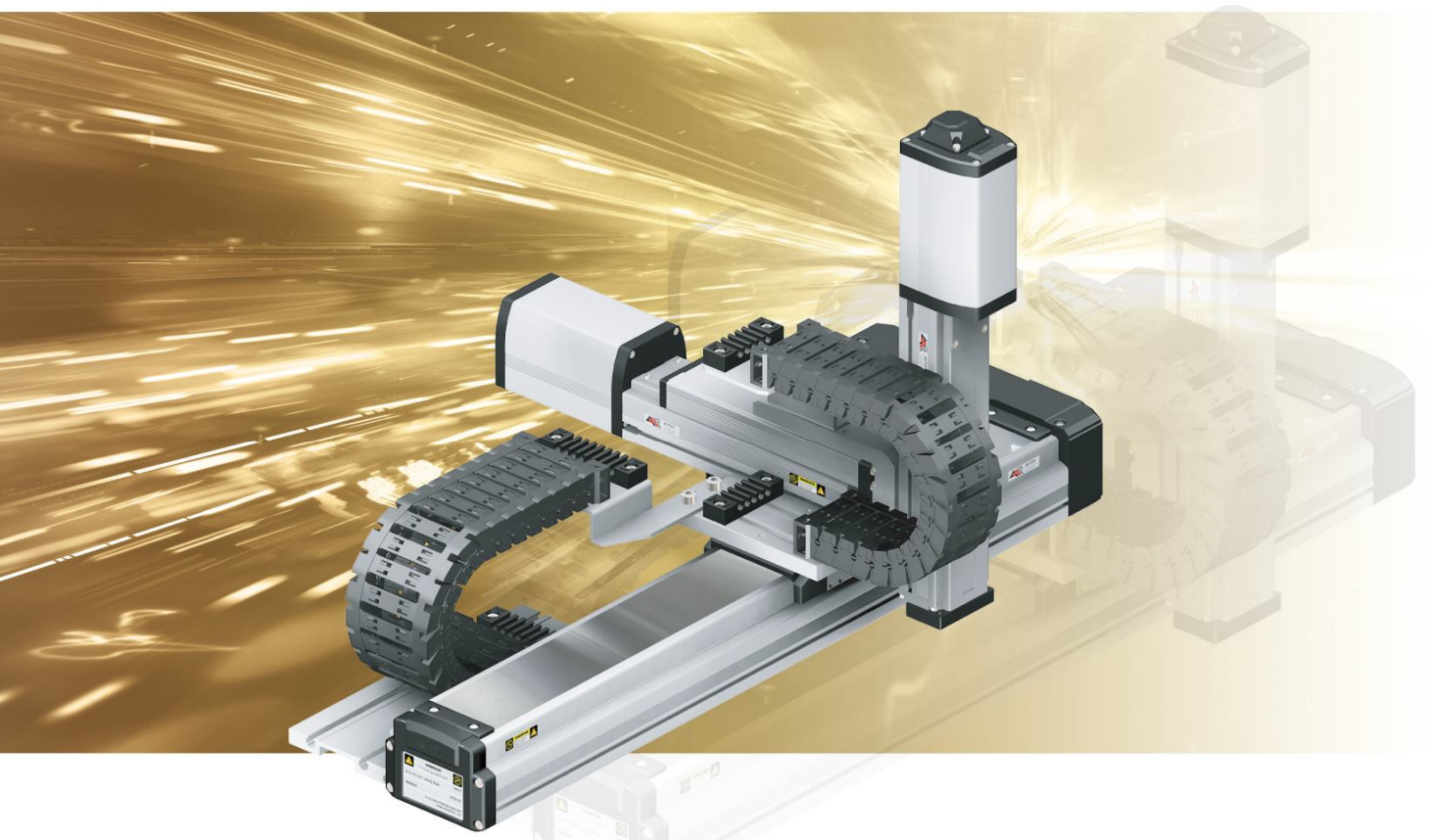
Alpha Clean Cylinder

ACC
Alpha Clean Cylinder



FEATURE

- Various application is possible due to the greatest cartesian robot line-up.
  세계최대의 직교로봇 라인업으로 다양한 어플리케이션 지원
- All series line-up solving problems of designers and users.
  설계자와 user의 고민을 해결한 전 시리즈 라인업
- Greatest function among same grade robots through high rigidity by FME analysis.
  FME 기구해석으로 고강성을 실현한 동급 최강의 성능
- Various application is possible through Building Block System.
  빌딩블럭 시스템 채용으로 다양한 어플리케이션 지원
- Structural dust-proof system makes it possible to protect foreign materials so as to extend life of products and cycle time of maintenance.
  기구적 방진구조로 이 물질이 본체 내부로 유입되는 것을 방지하여 제품수명 및 Maintenance 주기가 길어짐
- In case of combination of X, Y, Z axes, optimum assembly of brackets and cable ducts realizes maximum functions of high rigidity, high speed, and high accuracy.
  기구해석 X.Y.Z조합 시 최적의 조합이 가능하여 고강성, 고속, 고정도의 탁월한 성능발휘
- Application of motor cable connector and cable mount for clean cable treatment extends the life of wires and cables.
  케이블 처리를 위한 모터케이블 커넥터 및 케이블마운트 적용으로 배선 및 케이블 수명 연장
- With compact design and compact cylinder size, various application and minimum mounting space with the same size of Air cylinder are available.
  컴팩트한 디자인, 컴팩트한 실린더 사이즈로 다양한 어플리케이션 지원 및 로봇 설치공간의 최소화 실현
- Economic cost.
  경제적인 가격
- Environment-friendly system with low lint, dust-proof, low noise.
  저발진,방진, 저소음 으로 친환경 시스템 적용
- High rigid structure by FME analysis overcomes demerits of other manufacturers' clean robots.
  FME 기구해석으로 고강성을 실현한 구조로 기존(타사)의 클린로봇 단점 보완
- 0.5m/s Maximum speed.
  최대속도 0.5m/s

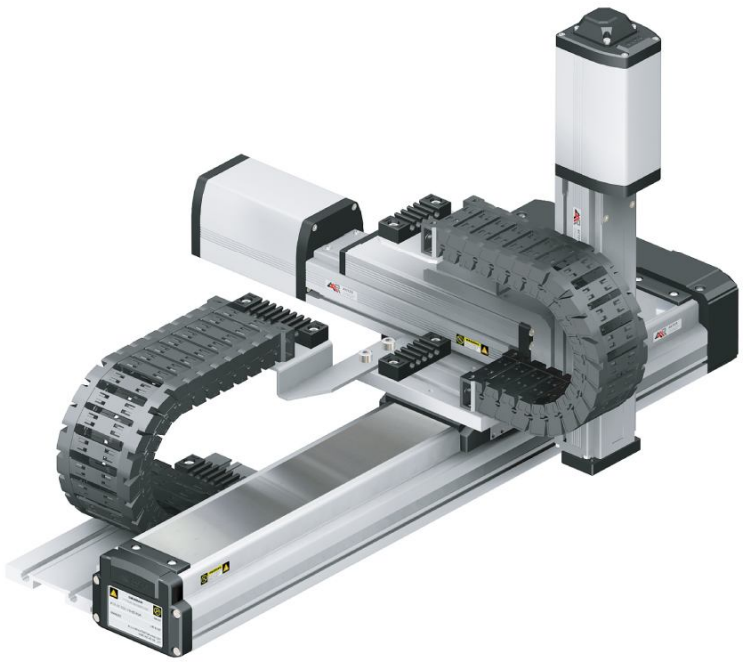


- Application of greatest high load system.
  동급최강의 고하중 시스템 적용
- With application of sense wiring duct, easy maintenance and assembly, positioning adjustment, and high reliability are guaranteed.
  센서 배선용 덕트 채용으로 유지보수, 조립, 위치조정이 용이하여 메인터넌스 및 고 신뢰성 확보
- Equipped with individual sense dog and cableveyor, high functionality in single axis and assembled multi axes is realized.
  슬라이드에 센서도그 및 케이블베어의 독립 장착구조로 단축 및 조합축 적용 시 탁월한 성능발휘
- Standardization of dedicated assembly brackets for high moment load allows optimum functionality in case of XY combination.
  고강성 모멘트하중 전용 신형 조합브라켓을 표준으로 XY 조합 시 탁월한 성능발휘
- No need of special and extra bracket due to standard cable chain duct system.
  표준 케이블체인 덕트 시스템 채용으로 별도 브라켓없이 슬라이드에 조립가능 구조
- Environment-friendly system as substitution for Air cylinder which overcome demerits of Air cylinder such as high noise, high operating cost, low control function.
  AIR 실린더 대체(친환경 시스템) 적용 에어 실린더의 단점 (고소음, 고구동비용, 저제어기능 등)을 극복한 친환경 시스템
- As for works of small size and precise products, economic cost and high reliability are realized.
  소형 정밀 작업용으로 고신뢰성, 경제성확보
- With patent technology of high rigid, speed, load structure, applied in such industries as Semi-conduct, Nano-technology, IT fields(Cellular phone, LCD, PDP, GPS, etc).
  고강성, 고속, 고하중 의 기구특성의 특허기술 적용으로 반도체, 나노, IT 분야(핸드폰, LCD,PDP, GPS, 노트북, 디스플레이) 일반산업 등 다양한 산업 적용

CLEAN ROOM ROBOT ORDER INFORMATION

A ACC SERIES

ACC-V5	-	SS	-	50	-	10	B	-	N	9
1		2		3		4	5		6	7



1 SERIES TYPE

2 SLIDE TABLE TYPE

3 STROKE (mm)

4 MOTOR RATED OUTPUT

5 BRAKE OPTION

6 SPEED (mm/s)

7 BALL SCREW GRADE

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

CLEAN ROOM ROBOT ORDER INFORMATION

Σ Standard



ΣN Without Motor Cover



ACC ALPHA Clean Cylinder


ACC-V5


ACC-V6


ACC-V8


ACC-VN5


ACC-VN6

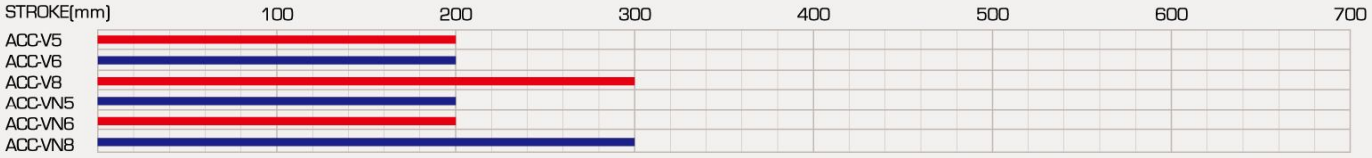

ACC-VN8

SS Standard Slide



SL Long Slide





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

7 C7 Ball Screw

9 C9 Ball Screw (Standard)

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.
* 케이블 길이가 10m 이상일 경우에는 폐사와 협의 바랍니다.



ALPHA CLEAN ROBOT SPECIFICATIONS

Product		Rated Output	Ball Screw		Max. Speed		Max. Load (H)					Max. Load (V)				
		w	E.D	Lead	mm/s		10	20	30	40	kg	10	20	30	40	kg
ACC SERIES	V5	50	ø12	5	L	250					2					1
		50	ø12	10	N	500					1.5					0.5
		100	ø12	5	L	250					2.5					1.5
		100	ø12	10	N	500					2.5					1.5
	V6	50	ø12	5	L	250					4					1.5
		50	ø12	10	N	500					2.5					1
		100	ø12	5	L	250					4					2
		100	ø12	10	N	500					4					2
	V8	50	ø12	5	L	250					6					2
		50	ø12	10	N	500					3					1
		100	ø12	5	L	250					6					3
		100	ø12	10	N	500					4.5					2



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																									200	C51.1 ~ 4
±0.02	500 mm/s																									200	C51.1 ~ 4
±0.02	250 mm/s																									200	C51.1 ~ 4
±0.02	500 mm/s																									200	C51.1 ~ 4
±0.02	250 mm/s																									200	C52.1 ~ 4
±0.02	500 mm/s																									200	C52.1 ~ 4
±0.02	250 mm/s																									200	C52.1 ~ 4
±0.02	500 mm/s																									200	C52.1 ~ 4
±0.02	250 mm/s																									300	C53.1 ~ 4
±0.02	500 mm/s																									300	C53.1 ~ 4
±0.02	250 mm/s																									300	C53.1 ~ 4
±0.02	500 mm/s																									300	C53.1 ~ 4

Model	ACC-VN5 SS	ACC-VN5 SL	ACC-V5 SS	ACC-V5 SL				

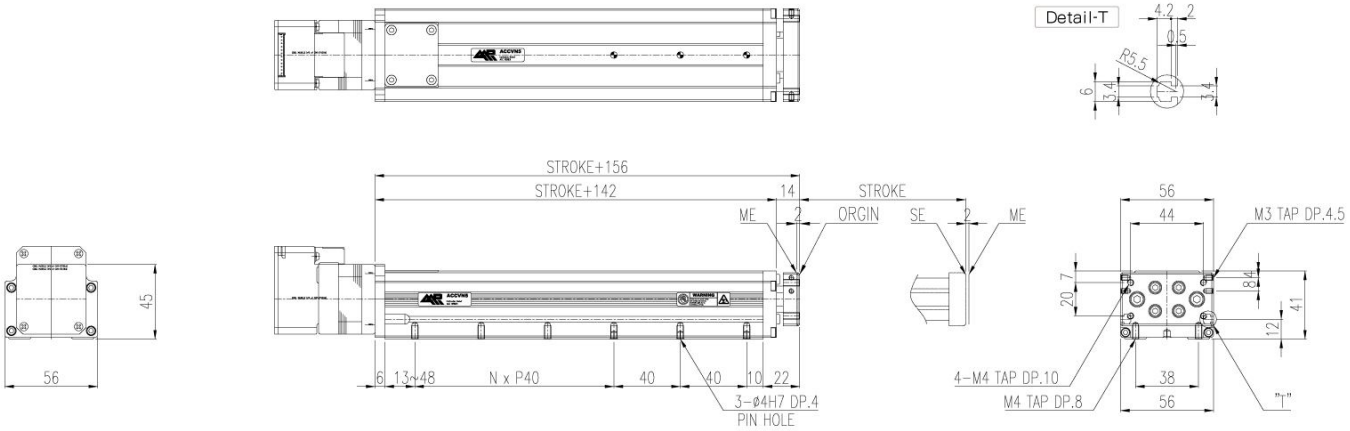
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ACC-VN5-SS-50W/100W	
ACC-VN5-SS-50W			ACC-VN5-SS-100W	
Rated Output		W	50W, 3000min^{-1}	100W, 3000min^{-1}
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:2 (1.5) V:1 (0.5)	H:2.5 (2.5) V:1.5 (1.5)
Stroke Range		mm	50 ~ 100	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

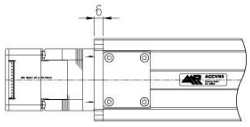
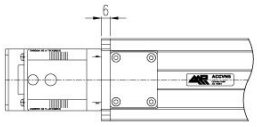
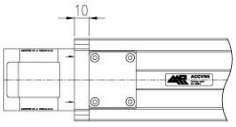
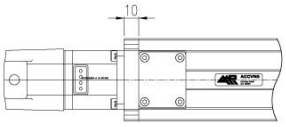
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	1	2	3	4
Allowable Overhang Distance - mm	Horizontal Use	0°	35	8	4	0
		45°	41	12	6	0
		90°	125	39	19	0
	Wall Installation Use	0°	123	39	19	0
		45°	41	11	5	0
		90°	38	11	5	0
	Vertical Use	0°	33	16	8	0
		45°	23	10	5	0
		90°	33	19	9	0
Note3	Estimated Condition	Max Speed : 500 mm/s	Acceleration : 0.3 G (2.94/s²)			
		Life in traveled distance : 5000 km				

ACC-VN5-SS-50W/100W

* 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	50	75	100								Offset(50)
	ACC-VN5-SS	kg	1.0	1.1	1.2								0.18

Speed	Model \ Stroke	Units	50	75	100								Offset(50)
	ACC-VN5-L	mm/s	250										
	ACC-VN5-N	mm/s	500										

⚠ CAUTION ※ 한글번역은 C10.1 Page 를 참조하시기 바랍니다.

Please be careful of surrounding interference when it is returning to origin because the slide moves to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 25mm distance

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	ACC-VN5 SS	ACC-VN5 SL	ACC-V5 SS	ACC-V5 SL				

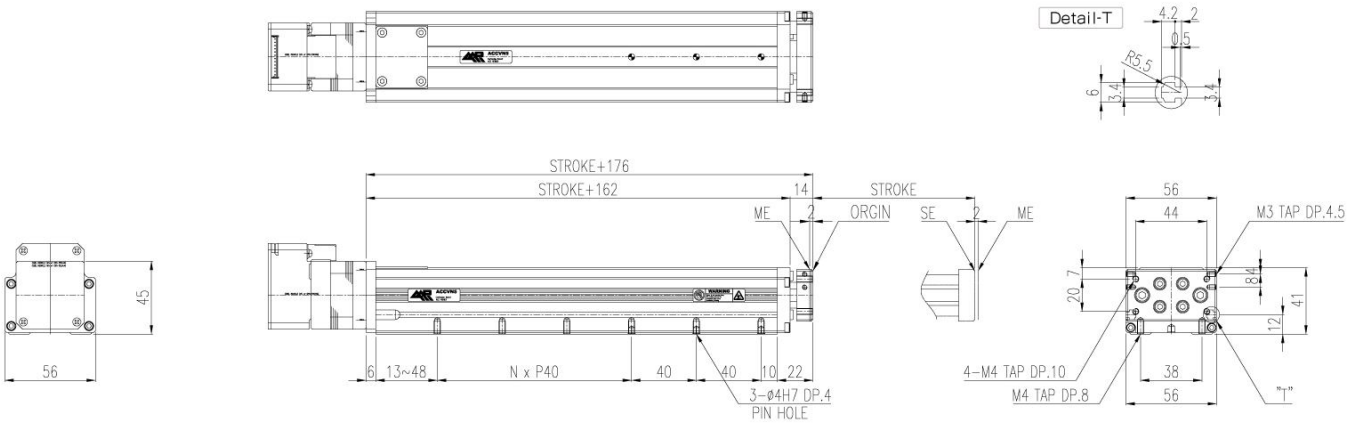
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ACC-VN5-SL-50W/100W	
ACC-VN5-SL-50W			ACC-VN5-SL-100W	
				
Rated Output		W	50W, 3000min^{-1}	100W, 3000min^{-1}
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:2 (1.5) V:1 (0.5)	H:2.5 (2.5) V:1.5 (1.5)
Stroke Range		mm	100 ~ 200	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

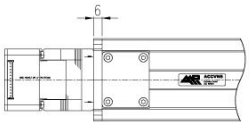
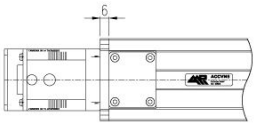
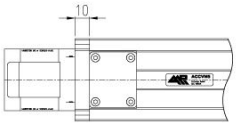
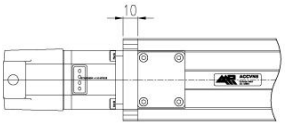
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	1	2	3	4
Allowable Overhang Distance - mm	Horizontal Use	0°	50	25	8	0
		45°	70	35	12	0
		90°	100	125	42	0
	Wall Installation Use	0°	250	125	42	0
		45°	250	125	42	0
		90°	55	28	9	0
	Vertical Use	0°	113	56	19	5
		45°	83	41	14	3
		90°	115	58	19	5
Note3	Estimated Condition		Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s²)	
			Life in traveled distance : 5000 km			

ACC-VN5-SL-50W/100W

* 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	125	150	175	200						Offset(50)
	ACC-VN5-SL	kg	1.3	1.4	1.5	1.6	1.7						0.18

Speed	Model \ Stroke	Units	100	125	150	175	200						Offset(50)
	ACC-VN5-L	mm/s	250										
	ACC-VN5-N	mm/s	500										

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Standard stroke changes by 25mm distance

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	ACC-VN5 SS	ACC-VN5 SL	ACC-V5 SS	ACC-V5 SL				

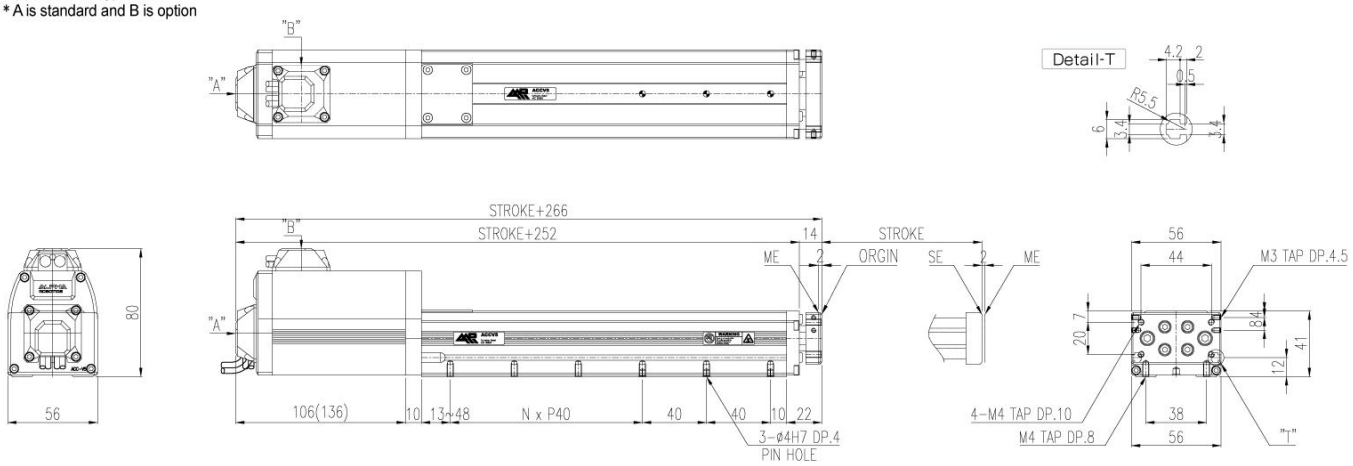
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Specification		Unit	ACC-V5-SS-50W/100W	
ACC-V5-SS-50W			ACC-V5-SS-100W	
				
Rated Output		W	50W, 3000min^{-1}	100W, 3000min^{-1}
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:2 (1.5) V:1 (0.5)	H:2.5 (2.5) V:1.5 (1.5)
Stroke Range		mm	50 ~ 100	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

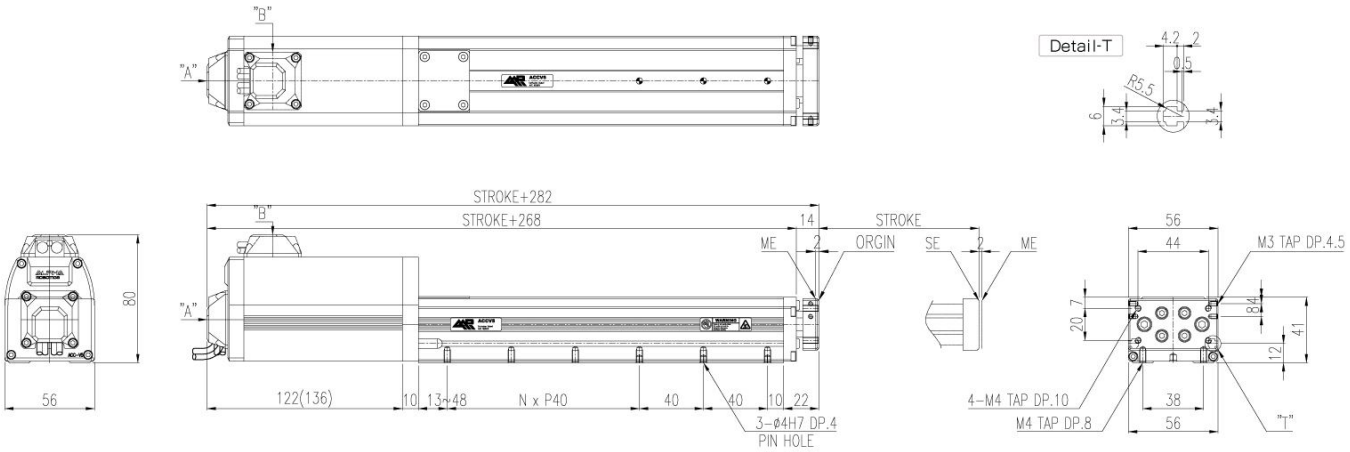
Specification			Unit	Data			
Acceleration			G	0.3			
Load			kg	1	2	3	4
Allowable Overhang Distance - mm	Horizontal Use		0°	35	8	4	0
			45°	41	12	6	0
			90°	125	39	19	0
	Wall Installation Use		0°	123	39	19	0
			45°	41	11	5	0
			90°	38	11	5	0
	Vertical Use		0°	33	16	8	0
			45°	23	10	5	0
			90°	33	19	9	0
Note3	Estimated Condition		Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s^2)		
			Life in traveled distance : 5000 km				

ACC-V5-SS-50W

* All dimensions in mm
* ( ) is a brake type motor
* A is standard and B is option



ACC-V5-SS-100W



Weight	Model \ Stroke	Units	50	75	100								Offset(50)
	ACC-V5-SS	kg	1.0	1.1	1.2								0.18

Speed	Model \ Stroke	Units	50	75	100								Offset(50)
	ACC-V5-L	mm/s	250										
	ACC-V5-N	mm/s	500										

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Standard stroke changes by 25mm distance

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

Model	ACC-VN5 SS	ACC-VN5 SL	ACC-V5 SS	ACC-V5 SL				

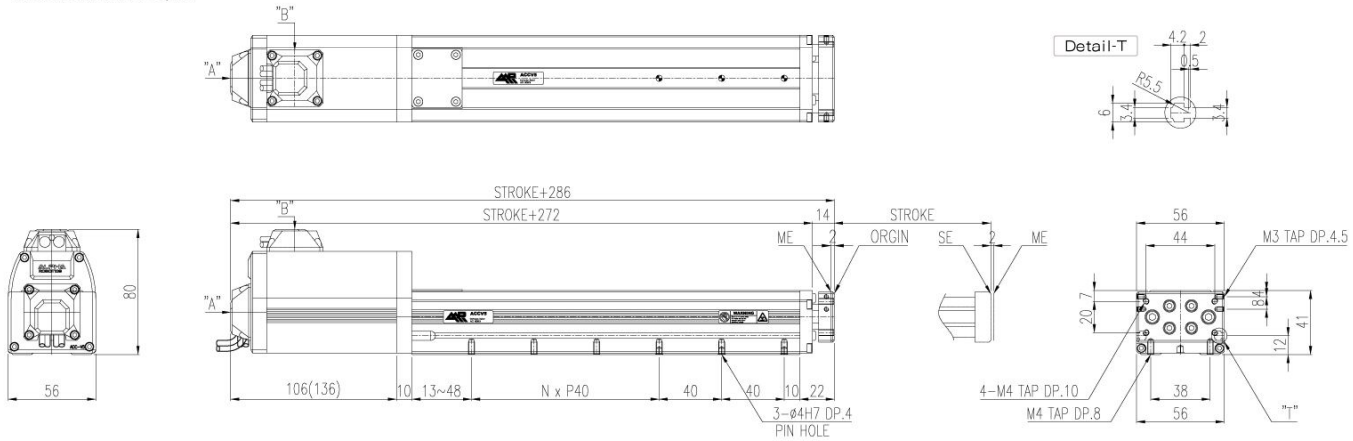
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Specification		Unit	ACC-V5-SL-50W/100W	
ACC-V5-SL-50W			ACC-V5-SL-100W	
Rated Output		W	50W, 3000min⁻¹	100W, 3000min⁻¹
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:2 (1.5) V:1 (0.5)	H:2.5 (2.5) V:1.5 (1.5)
Stroke Range		mm	100 ~ 200	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

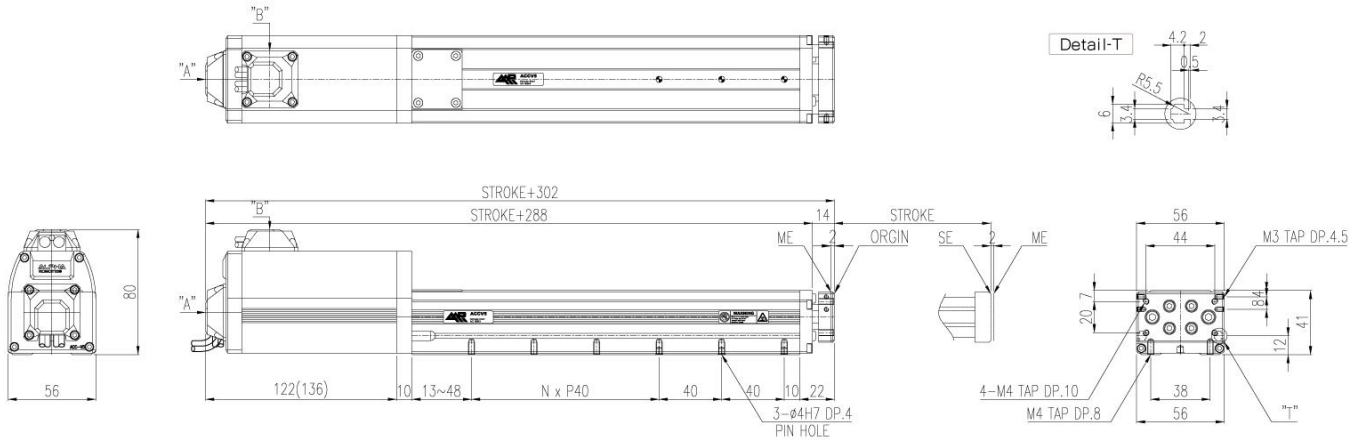
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	1	2	3	4
Allowable Overhang Distance - mm	Horizontal Use	0°	50	25	8	0
		45°	70	35	12	0
		90°	100	125	42	0
	Wall Installation Use	0°	250	125	42	0
		45°	250	125	42	0
		90°	55	28	9	0
	Vertical Use	0°	113	56	19	5
		45°	83	41	14	3
		90°	115	58	19	5
Note3	Estimated Condition		Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s²)	
			Life in traveled distance : 5000 km			

ACC-V5-SL-50W

* All dimensions in mm
* ( ) is a brake type motor
* A is standard and B is option



ACC-V5-SL-100W



	Model \ Stroke	Units	100	125	150	175	200						Offset(50)
Weight	ACC-V5-SL	kg	1.3	1.4	1.5	1.6	1.7						0.18
Speed	ACC-V5-L	mm/s	250										
	ACC-V5-N	mm/s	500										

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Please be careful of surrounding interference when it is returning to origin because the slide moves to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 25mm distance

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	ACC-VN6 SS	ACC-VN6 SL	ACC-V6 SS	ACC-V6 SL				

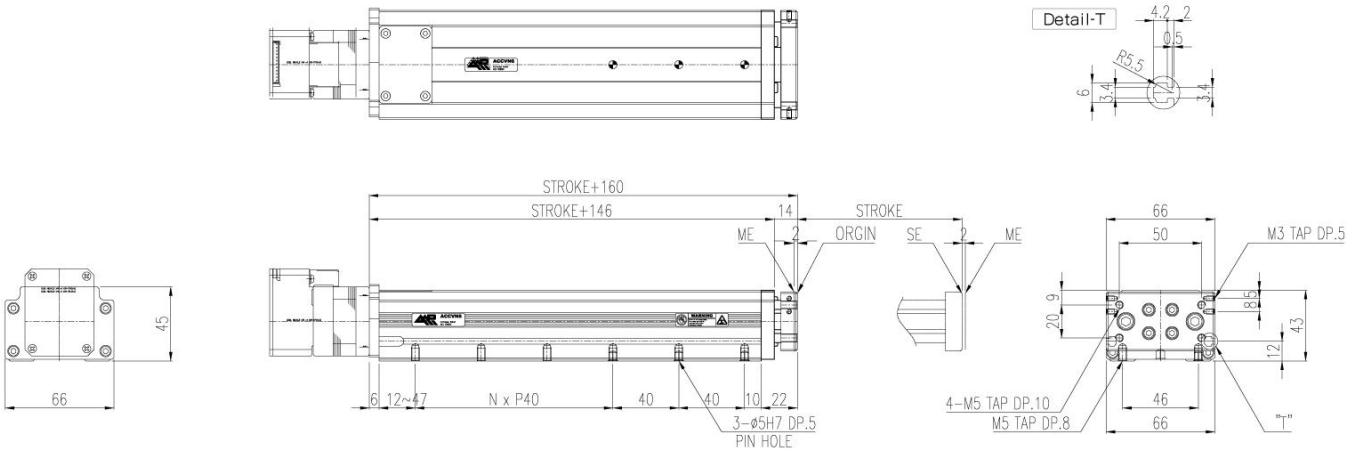
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ACC-VN6-SS-50W/100W	
ACC-VN6-SS-50W			ACC-VN6-SS-100W	
				
Rated Output		W	50W, 3000min-1	100W, 3000min-1
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:4 (2.5) V:1.5 (1)	H:4 (4) V:2 (2)
Stroke Range		mm	50 ~ 100	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

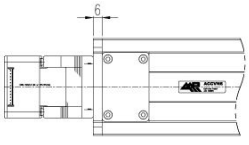
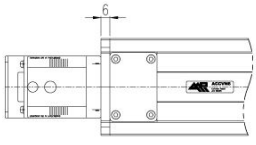
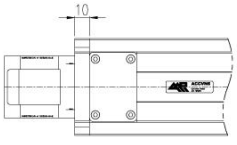
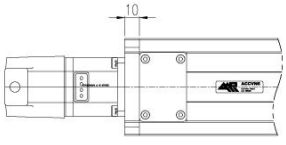
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	2	3	5	7
Allowable Overhang Distance - mm	Horizontal Use	0°	33	17	2	1
		45°	36	19	2	1
		90°	100	55	8	5
	Wall Installation Use	0°	94	50	0	0
		45°	35	19	0	0
		90°	35	18	0	0
	Vertical Use	0°	26	16	7	4
		45°	20	12	5	3
		90°	26	16	6	4
Note3	Estimated Condition		Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s²)	
			Life in traveled distance : 5000 km			

ACC-VN6-SS-50W/100W

* 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	50	75	100	Offset(50)
	ACC-VN6-SS	kg	1.4	1.5	1.7	0.3

Speed	Model \ Stroke	Units	50	75	100	Offset(50)
	ACC-VN6-L	mm/s	250			
	ACC-VN6-N	mm/s	500			

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Standard stroke changes by 25mm distance

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	ACC-VN6 SS	ACC-VN6 SL	ACC-V6 SS	ACC-V6 SL				

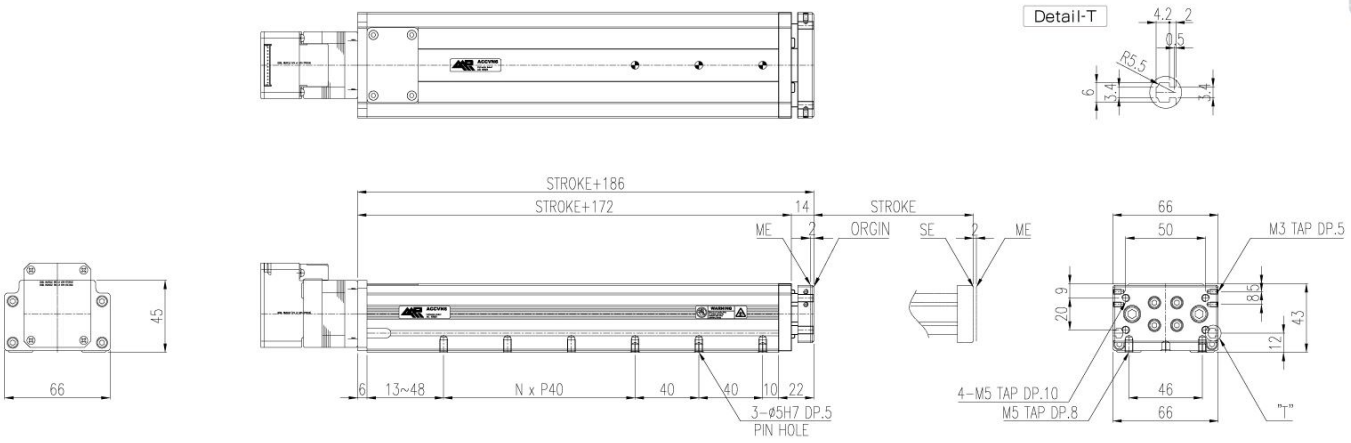
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ACC-VN6-SL-50W/100W	
ACC-VN6-SL-50W			ACC-VN6-SL-100W	
Rated Output		W	50W, 3000min^{-1}	100W, 3000min^{-1}
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:4 (2.5) V:1.5 (1)	H:4 (4) V:2 (2)
Stroke Range		mm	100 ~ 200	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

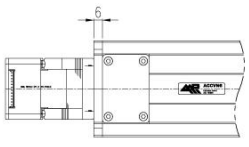
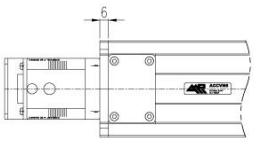
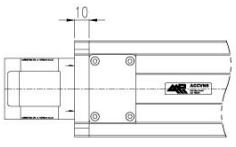
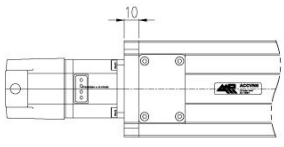
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	2	3	5	7
Allowable Overhang Distance - mm	Horizontal Use	0°	41	34	11	7
		45°	41	34	16	10
		90°	150	125	114	73
	Wall Installation Use	0°	150	125	100	64
		45°	45	38	14	9
		90°	45	38	10	6
	Vertical Use	0°	78	65	36	23
		45°	58	48	28	18
		90°	90	75	40	25
Note3	Estimated Condition		Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s^2)	
			Life in traveled distance : 5000 km			

ACC-VN6-SL-50W/100W

* All dimensions in mm



Please select one motor described below

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

	Model \ Stroke	Units	100	125	150	175	200						Offset(50)
Weight	ACC-VN6-SL	kg	1.8	2.0	2.1	2.3	2.4						0.3
Speed	ACC-VN6-L	mm/s	250										
	ACC-VN6-N	mm/s	500										

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Standard stroke changes by 25mm distance

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	ACC-VN6 SS	ACC-VN6 SL	ACC-V6 SS	ACC-V6 SL				

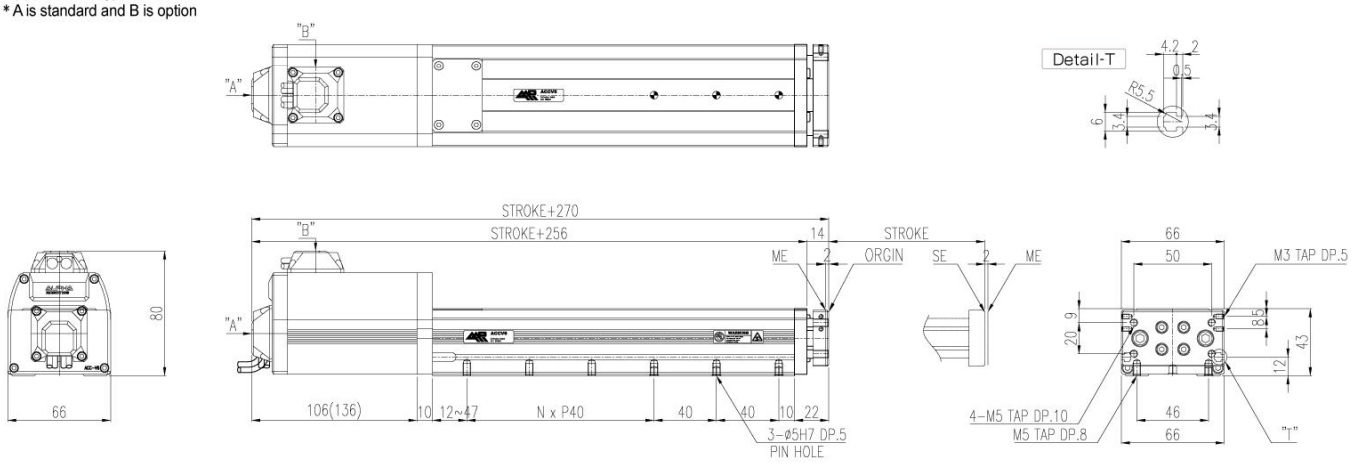
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ACC-V6-SS-50W/100W	
ACC-V6-SS-50W			ACC-V6-SS-100W	
Rated Output		W	50W, 3000min^{-1}	100W, 3000min^{-1}
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:4 (2.5) V:1.5 (1)	H:4 (4) V:2 (2)
Stroke Range		mm	50 ~ 100	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

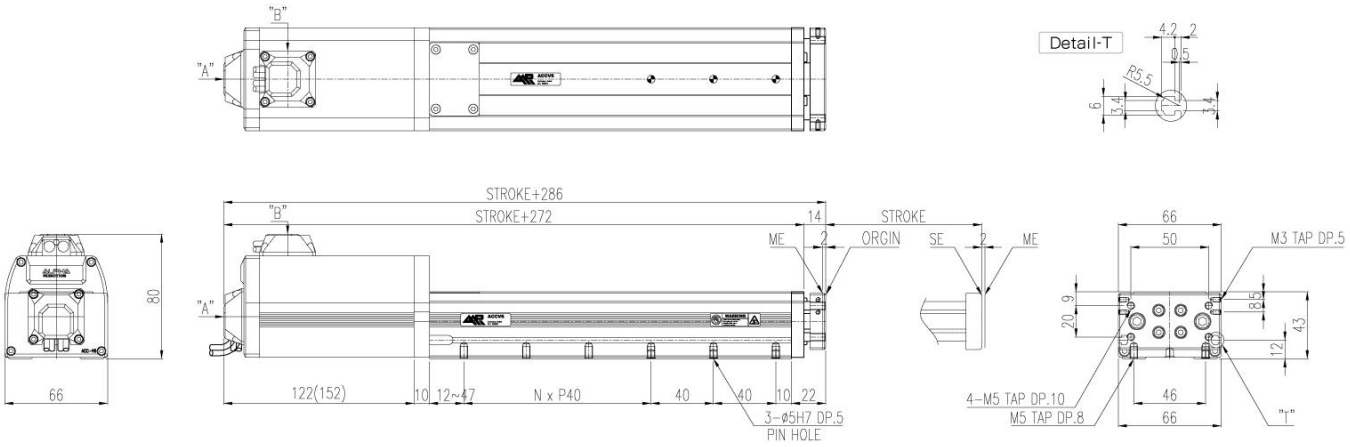
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	2	3	5	7
Allowable Overhang Distance - mm	Horizontal Use 0°		33	17	2	1
	Horizontal Use 45°		36	19	2	1
	Horizontal Use 90°		100	55	8	5
	Wall Installation Use 0°		94	50	0	0
	Wall Installation Use 45°		35	19	0	0
	Wall Installation Use 90°		35	18	0	0
	Vertical Use 0°		26	16	7	4
	Vertical Use 45°		20	12	5	3
	Vertical Use 90°		26	16	6	4
Note3 Estimated Condition			Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s²)	
			Life in traveled distance : 5000 km			

ACC-V6-SS-50W

* All dimensions in mm
* ( ) is a brake type motor
* A is standard and B is option



ACC-V6-SS-100W



Weight	Model \ Stroke	Units	50	75	100								Offset(50)
	ACC-V6-SS	kg	1.4	1.5	1.7								0.3

Speed	Model \ Stroke	Units	50	75	100								Offset(50)
	ACC-V6-L	mm/s	250										
	ACC-V6-N	mm/s	500										

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Standard stroke changes by 25mm distance

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	ACC-VN6 SS	ACC-VN6 SL	ACC-V6 SS	ACC-V6 SL				

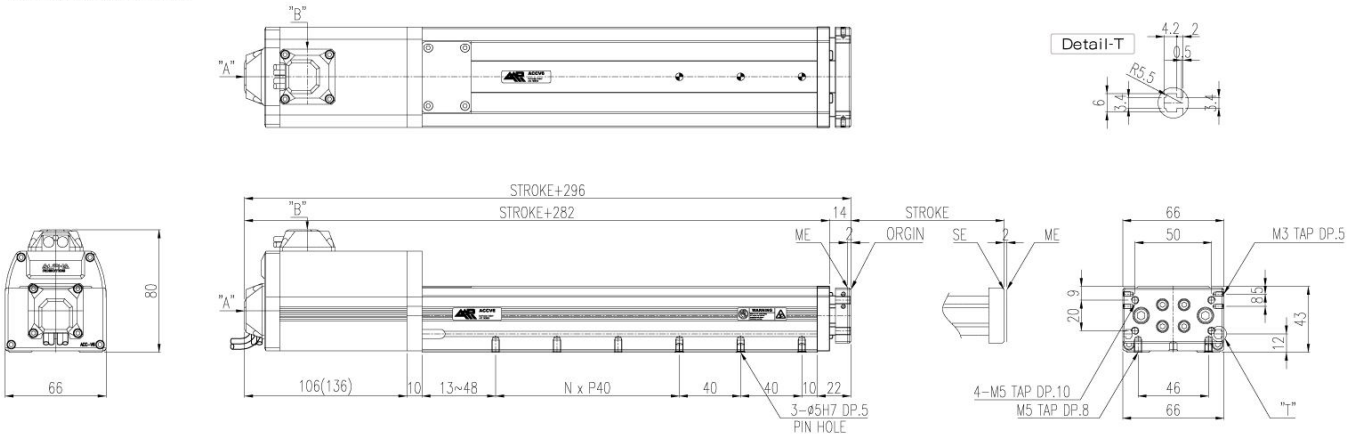
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ACC-V6-SL-50W/100W	
ACC-V6-SL-50W			ACC-V6-SL-100W	
Rated Output		W	50W, 3000min^{-1}	100W, 3000min^{-1}
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:4 (2.5) V:1.5 (1)	H:4 (4) V:2 (2)
Stroke Range		mm	100 ~ 200	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

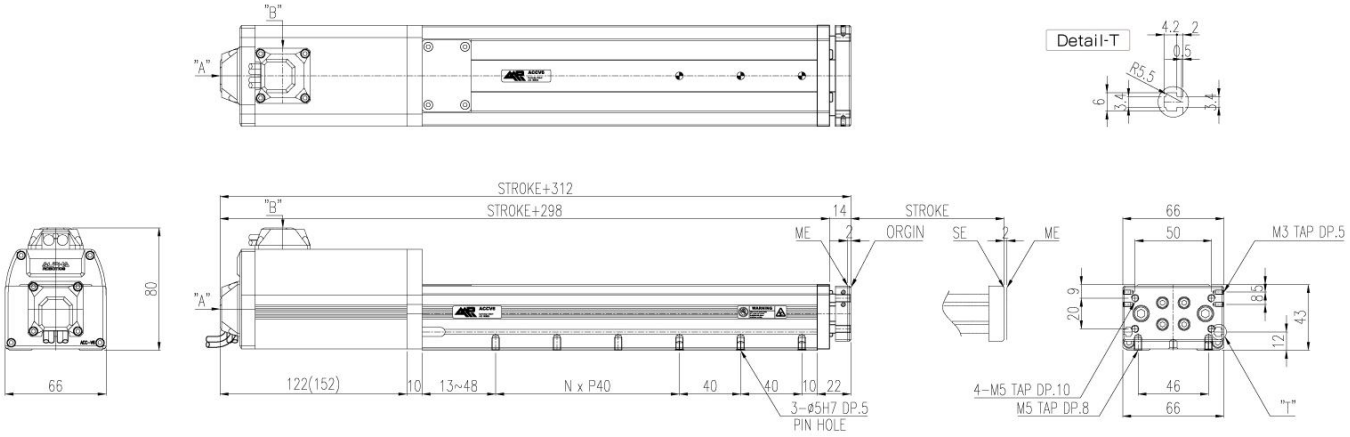
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	2	3	5	7
Allowable Overhang Distance - mm	Horizontal Use	0°	41	34	11	7
		45°	41	34	16	10
		90°	150	125	114	73
	Wall Installation Use	0°	150	125	100	64
		45°	45	38	14	9
		90°	45	38	10	6
	Vertical Use	0°	78	65	36	23
		45°	58	48	28	18
		90°	90	75	40	25
Note3	Estimated Condition		Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s²)	
			Life in traveled distance : 5000 km			

ACC-V6-SL-50W

* All dimensions in mm
* ( ) is a brake type motor
* A is standard and B is option



ACC-V6-SL-100W



	Model \ Stroke	Units	100	125	150	175	200						Offset(50)
Weight	ACC-V6-SL	kg	1.8	2.0	2.1	2.3	2.4						0.3
Speed	ACC-V6-L	mm/s	250										
	ACC-V6-N	mm/s	500										

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Standard stroke changes by 25mm distance

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	ACC-VN8 SS	ACC-VN8 SL	ACC-V8 SS	ACC-V8 SL				

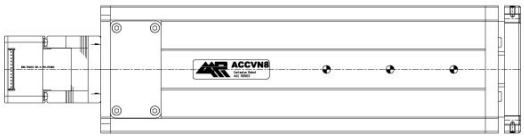
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

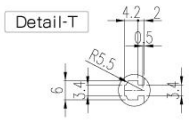
Specification		Unit	ACC-VN8-SS-50W/100W	
ACC-VN8-SS-50W			ACC-VN8-SS-100W	
				
Rated Output		W	50W, 3000min^{-1}	100W, 3000min^{-1}
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:6 (3) V:2 (1)	H:6 (4.5) V:3 (2)
Stroke Range		mm	50 ~ 100	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

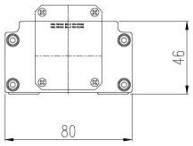
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	2	4	6	10
Allowable Overhang Distance - mm	Horizontal Use	0°	90	45	15	5
		45°	98	49	20	8
		90°	225	113	45	18
	Wall Installation Use	0°	213	106	40	12
		45°	95	48	18	7
		90°	100	50	15	4
	Vertical Use	0°	59	29	17	9
		45°	45	23	13	7
		90°	61	31	16	10
Note3	Estimated Condition		Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s²)	
			Life in traveled distance : 5000 km			

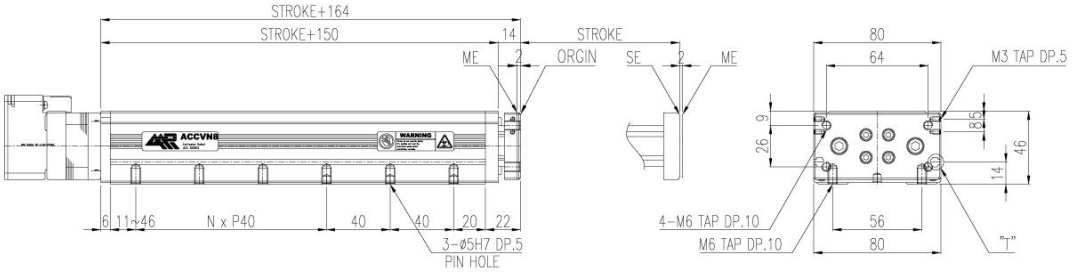
ACC-VN8-SS-50W/100W

* All dimensions in mm

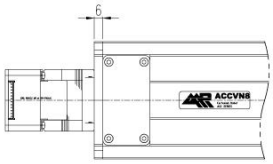
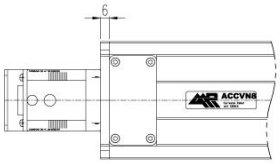
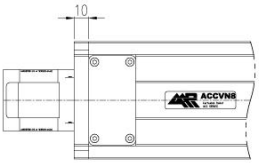
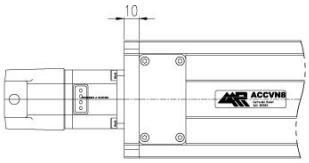








Please select one motor described below

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

	Model \ Stroke	Units	50	75	100								Offset(50)
Weight	ACC-VN8-SS	kg	2.6	2.9	3.1								0.52
Speed	Model \ Stroke	Units	50	75	100								Offset(50)
	ACC-VN8-L	mm/s	250										
	ACC-VN8-N	mm/s	500										

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NOTE2 It is changed by operating conditions.
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Model	ACC-VN8 SS	ACC-VN8 SL	ACC-V8 SS	ACC-V8 SL				

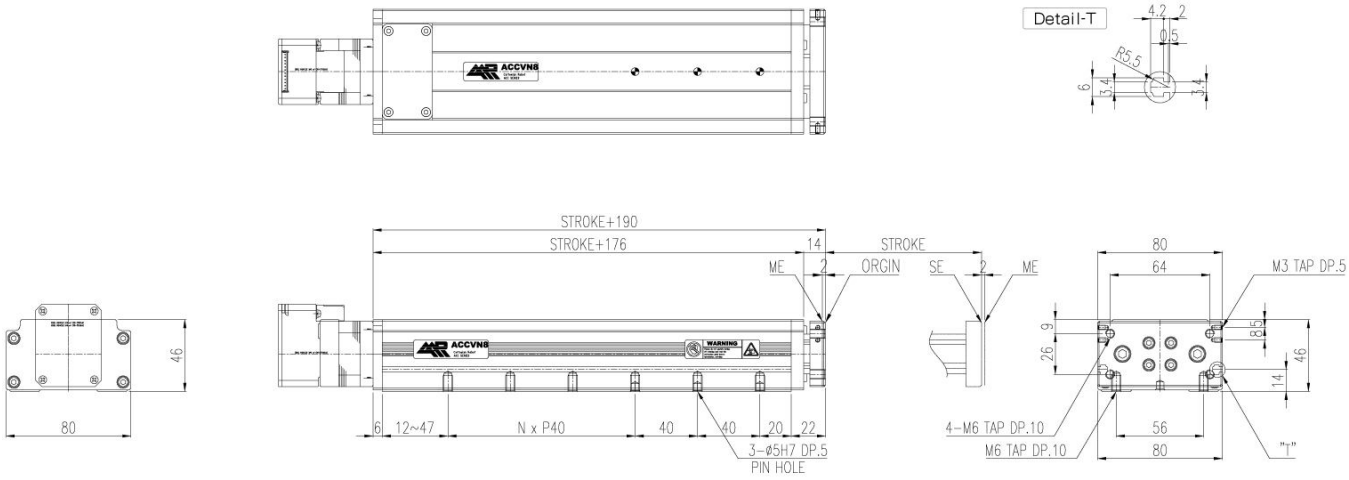
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ACC-VN8-SL-50W/100W	
ACC-VN8-SL-50W			ACC-VN8-SL-100W	
				
Rated Output		W	50W, 3000min^{-1}	100W, 3000min^{-1}
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:6 (3) V:2 (1)	H:6 (4.5) V:3 (2)
Stroke Range		mm	100 ~ 300	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

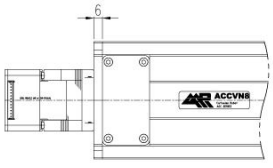
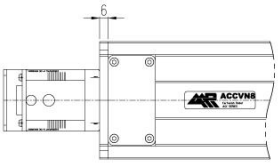
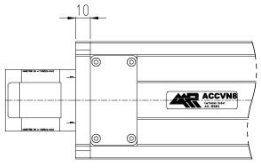
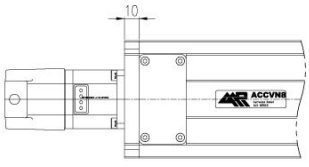
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	2	4	6	10
Allowable Overhang Distance - mm	Horizontal Use	0°	175	88	34	17
		45°	195	98	44	22
		90°	250	125	100	50
	Wall Installation Use	0°	250	125	125	63
		45°	225	113	44	22
		90°	200	100	36	18
	Vertical Use	0°	200	100	50	25
		45°	158	79	37	19
		90°	200	100	53	26
Note3	Estimated Condition		Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s²)	
			Life in traveled distance : 5000 km			

ACC-VN8-SL-50W/100W

* All dimensions in mm



Please select one motor described below

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

	Model \ Stroke	Units	100	125	150	175	200	225	250	275	300		Offset(50)
Weight	ACC-VN8-SL	kg	3.6	3.9	4.1	4.4	4.6	4.9	5.2	5.4	5.7		0.52
Speed	ACC-VN8-L	mm/s	250										
	ACC-VN8-N	mm/s	500										

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Please be careful of surrounding interference when it is returning to origin because the slide moves to ME. ·ME : Mechanical End ·SE : Stroke End
Standard stroke changes by 25mm distance

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	ACC-VN8 SS	ACC-VN8 SL	ACC-V8 SS	ACC-V8 SL				

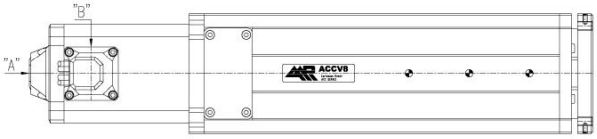
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

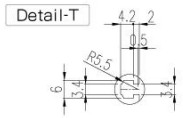
Specification		Unit	ACC-V8-SS-50W/100W	
ACC-V8-SS-50W			ACC-V8-SS-100W	
Rated Output		W	50W, 3000min^{-1}	100W, 3000min^{-1}
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:6 (3) V:2 (1)	H:6 (4.5) V:3 (2)
Stroke Range		mm	50 ~ 100	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

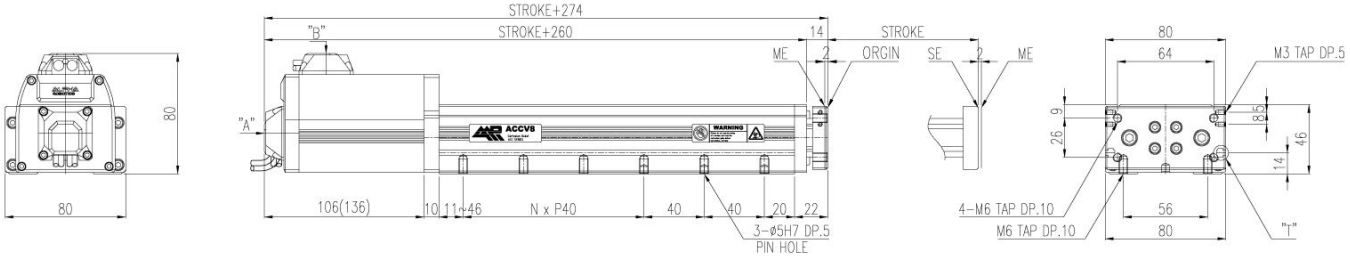
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	2	4	6	10
Allowable Overhang Distance - mm	Horizontal Use	0°	90	45	15	5
		45°	98	49	20	8
		90°	225	113	45	18
	Wall Installation Use	0°	213	106	40	12
		45°	95	48	18	7
		90°	100	50	15	4
	Vertical Use	0°	59	29	17	9
		45°	45	23	13	7
		90°	61	31	16	10
Note3	Estimated Condition		Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s²)	
			Life in traveled distance : 5000 km			

ACC-V8-SS-50W

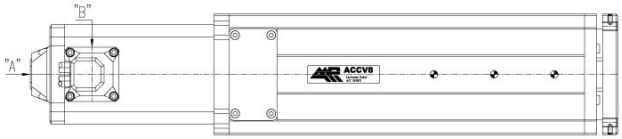
* All dimensions in mm
* ( ) is a brake type motor
* A is standard and B is option

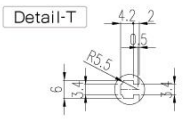


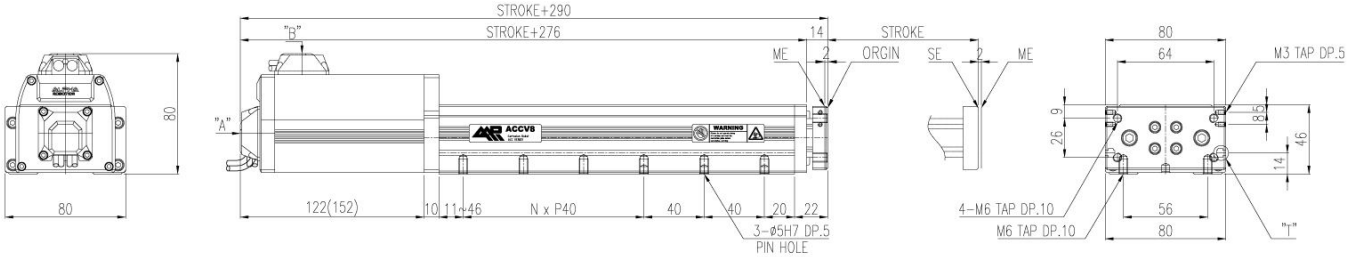




ACC-V8-SS-100W







	Model \ Stroke	Units	50	75	100								Offset(50)
Weight	ACC-V8-SS	kg	2.6	2.9	3.1								0.52
Speed	Model \ Stroke	Units	50	75	100								Offset(50)
	ACC-V8-L	mm/s	250										
	ACC-V8-N	mm/s	500										

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Standard stroke changes by 25mm distance

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NOTE2 It is changed by operating conditions.
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Model	ACC-VN8 SS	ACC-VN8 SL	ACC-V8 SS	ACC-V8 SL				

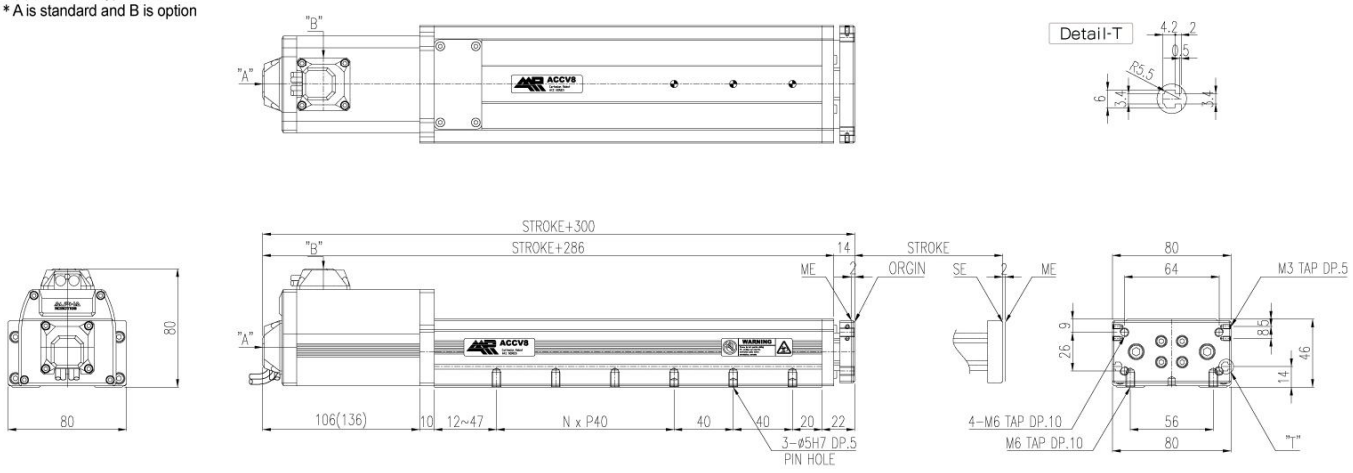
Values of ( ) is in case of speed of 1000mm/sec. / H of Max. Load indicares Horizontal use and V of Max.Load indicates Vertical use.

Specification		Unit	ACC-V8-SL-50W/100W	
ACC-V8-SL-50W			ACC-V8-SL-100W	
Rated Output		W	50W, 3000min^{-1}	100W, 3000min^{-1}
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:6 (3) V:2 (1)	H:6 (4.5) V:3 (2)
Stroke Range		mm	100 ~ 300	
Repeatability		mm	± 0.02	
Drive Type		-	BALL SCREW	

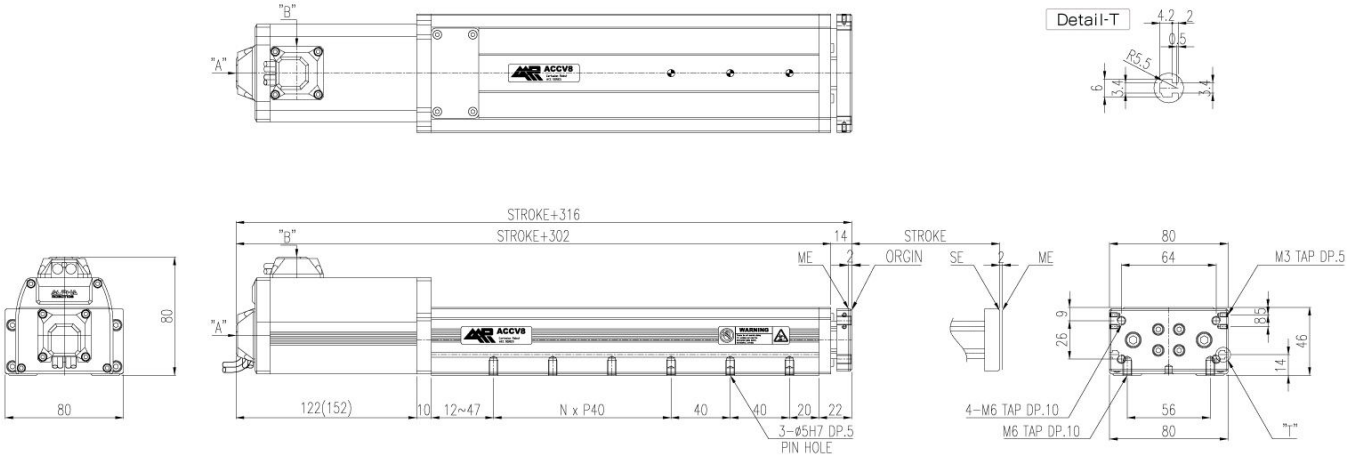
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	2	4	6	10
Allowable Overhang Distance - mm	Horizontal Use	0°	175	88	34	17
		45°	195	98	44	22
		90°	250	125	100	50
	Wall Installation Use	0°	250	125	125	63
		45°	225	113	44	22
		90°	200	100	36	18
	Vertical Use	0°	200	100	50	25
		45°	158	79	37	19
		90°	200	100	53	26
Note3	Estimated Condition		Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s²)	
			Life in traveled distance : 5000 km			

ACC-V8-SL-50W

* All dimensions in mm
* ( ) is a brake type motor
* A is standard and B is option



ACC-V8-SL-100W



	Model \ Stroke	Units	100	125	150	175	200	225	250	275	300		Offset(50)
Weight	ACC-V8-SL	kg	3.6	3.9	4.1	4.4	4.6	4.9	5.2	5.4	5.7		0.52
Speed	ACC-V8-L	mm/s	250										
	ACC-V8-N	mm/s	500										

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