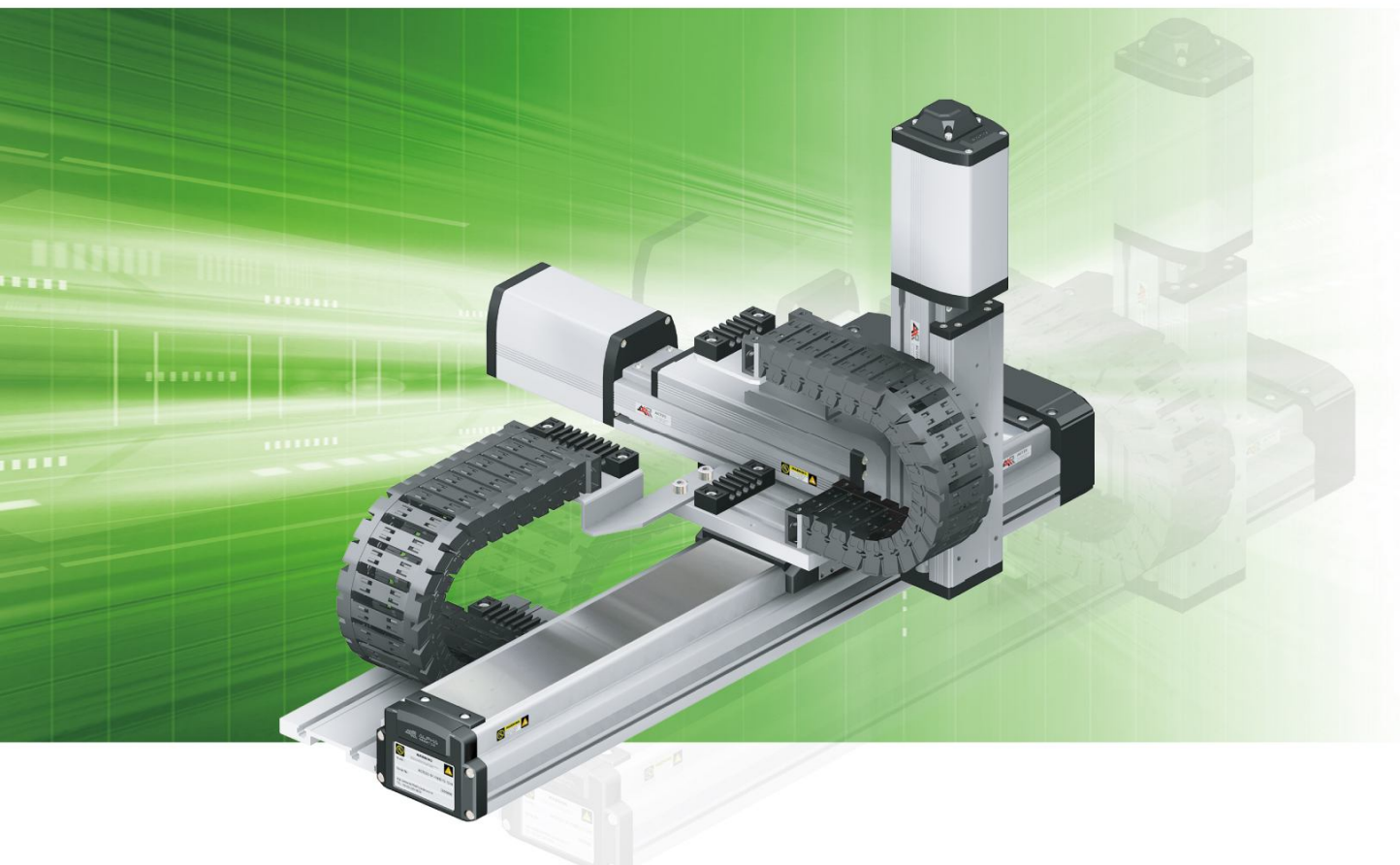


Alpha Clean Table

ACT Alpha Clean Table

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 XYZ조합 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, 저소음으로 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

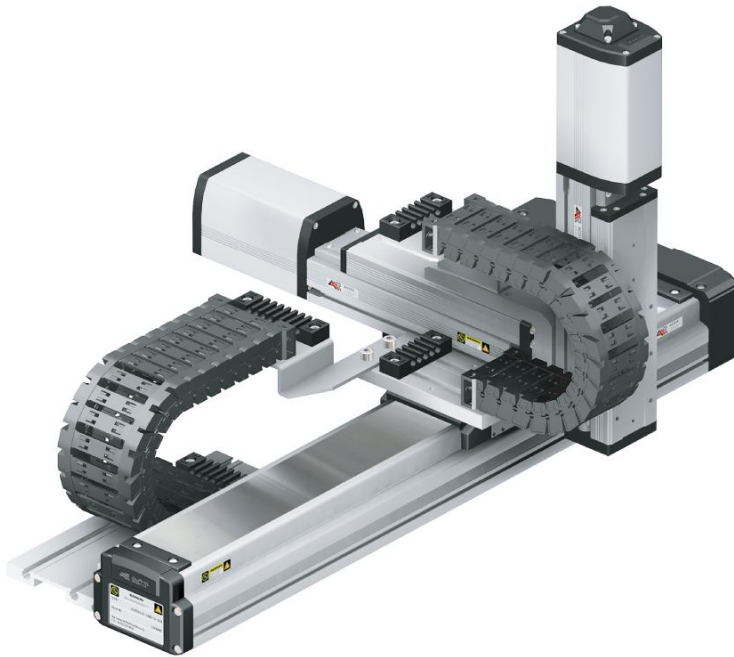


- Application of greatest high load system.
동급최강의 고하중 시스템 적용
- With application of sense wiring duct, easy maintenance and assembly, positioning adjustment, and high reliability are guaranteed.
센서 배선용 덕트 채용으로 유지보수, 조립, 위치조정이 용이하여 메인テナンス 및 고신뢰성 확보
- Equipped with individual sense dog and cableveyor, high 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, 경제성 확보
- 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, 고하중의 기구특성의 특허기술 적용으로 반도체, 나노, IT 분야(핸드폰, LCD, PDP, GPS, 노트북, 디스플레이) 일반산업 등 다양한 산업 적용

CLEAN ROOM ROBOT ORDER INFORMATION

A ACT SERIES

ACT-Z5	-	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	-	FOO
1		2		3		4		5



1

SENSOR

2

CABLEVEYOR

3

COLOR OF
ROBOT

4

SURFACE
TREATMENT

5

CABLE
LENGTH

CLEAN ROOM ROBOT ORDER INFORMATION

SPEC

 ACM
SERIES

 ACR
SERIES

 ACT
SERIES

 ACC
SERIES

 CMR
SERIES

Z Standard

ZN Without Motor Cover

 ALPHA
Clean
Table


ACT-Z5



ACT-Z6



ACT-Z8



ACT-ZN5



ACT-ZN6



ACT-ZN8

SS Standard Slide

SL Long Slide


STROKE[mm]

100

200

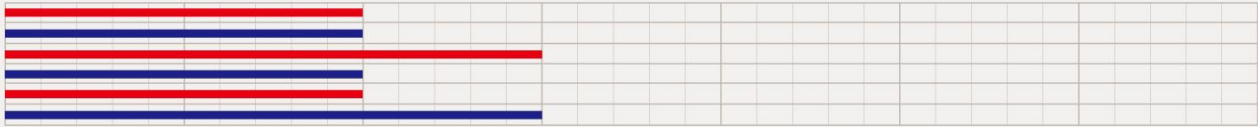
300

400

500

600

700

 ACT-Z5
 ACT-Z6
 ACT-Z8
 ACT-ZN5
 ACT-ZN6
 ACT-ZN8

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)

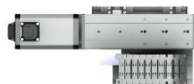
N None

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
 회사와 협의 바랍니다.



ALPHA CLEAN ROBOT SPECIFICATIONS

[illegible]



PROGRAM

[illegible]

SPEC

ACM

ACR

ACT

ACC

CMR

Model

ACT-ZN5
SS

ACT-ZN5
SL

ACT-Z5
SS

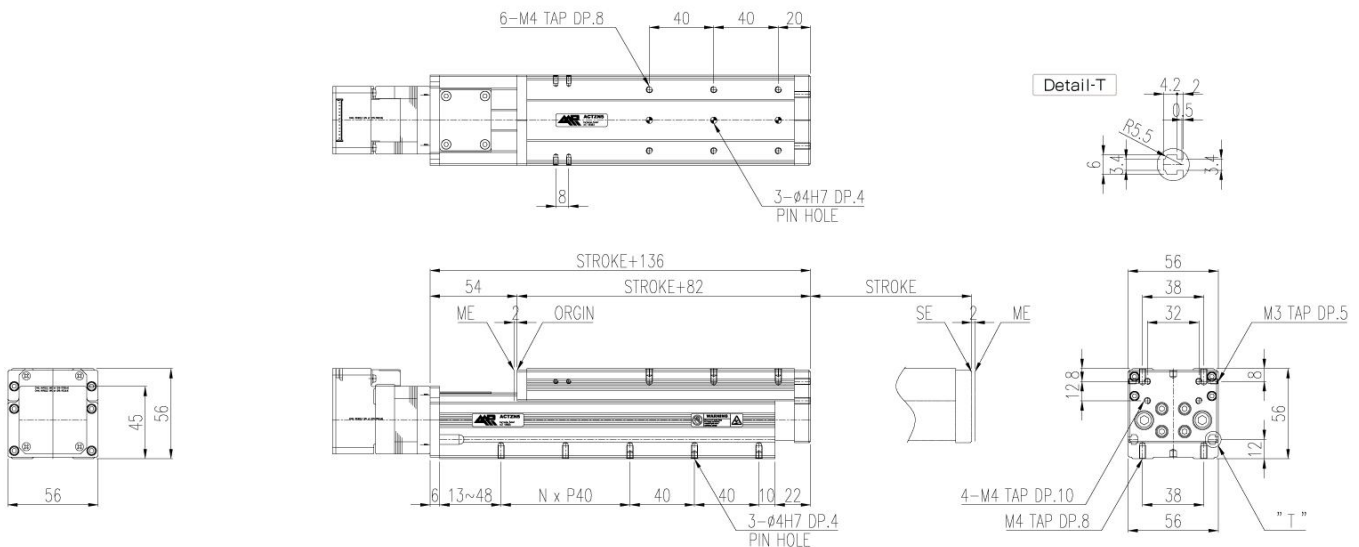
ACT-Z5
SL

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

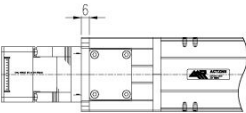
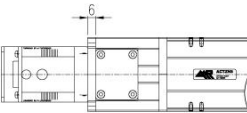
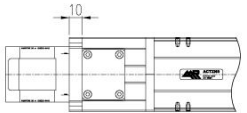
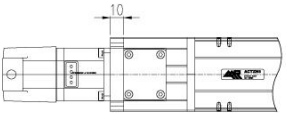
Specification		Unit	ACT-ZN5-SS-50W/100W		Specification		Unit	Data				
ACT-ZN5-SS-50W			ACT-ZN5-SS-100W		Acceleration		G	0.3				
					Load		kg	1	3	6	13	
Rated Output	W		50W, 3000min ⁻¹	100W, 3000min ⁻¹	Note3 Allowable Overhang Distance - mm	Horizontal Use		0°	150	32	0	0
Max. Speed	Note1 mm/s		250 (500)					45°	150	48	0	0
Max. Load	Note2 kg		H:13 (8) V:4 (3) H:14 (12) V:7 (6)					90°	150	150	0	0
Stroke Range	mm		50 ~ 100			Wall Installation Use		0°	150	150	0	0
Repeatability	mm		± 0.02					45°	150	42	0	0
Drive Type	-		BALL SCREW					90°	150	42	0	0
						Vertical Use		0°	150	65	14	0
								45°	150	40	10	0
					90°			150	75	13	0	
					Estimated Condition	Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s ²)				
						Life in traveled distance : 5000 km						

ACT-ZN5-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)	CAUTION
	ACT-ZN5-SS		kg	1.4	1.5	1.6					0.2	※ 한글본역은 C10.1 Page를 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
Speed	Model	Stroke	Units	50	75	100					Offset(50)	NOTE1
	ACT-ZN5-L		mm/s		250							In case of the short stroke, it may not be reached at maximum speed.
	ACT-ZN5-N		mm/s		500							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.

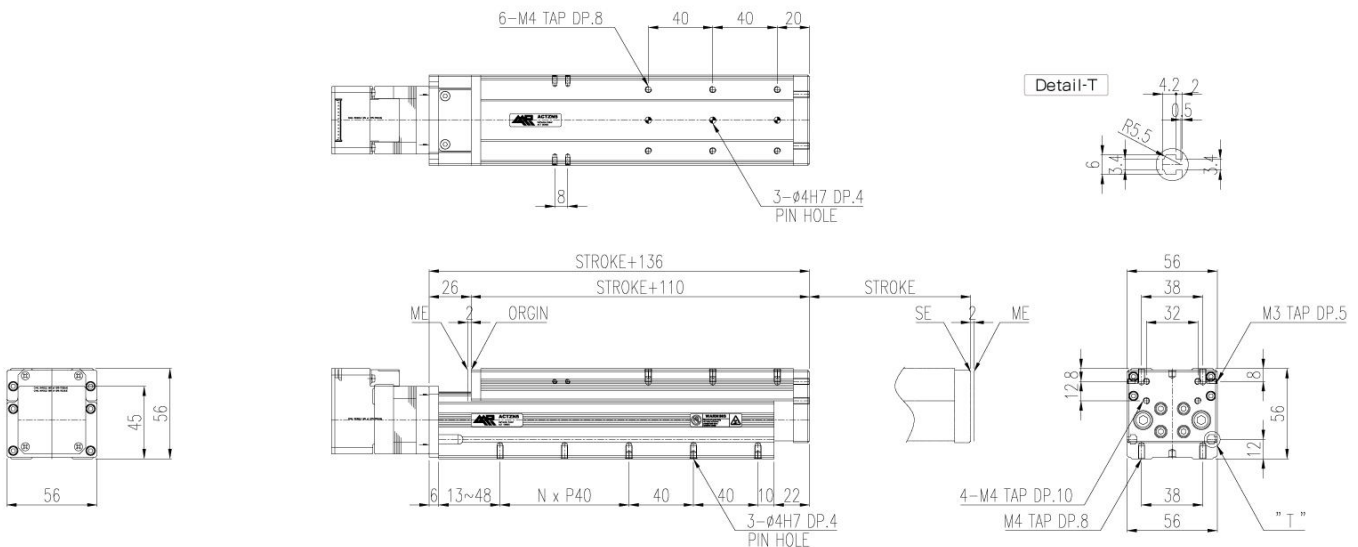
Model	ACT-ZN5 SS	ACT-ZN5 SL	ACT-Z5 SS	ACT-Z5 SL				
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Values of () is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

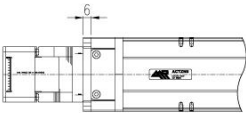
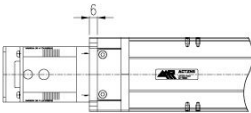
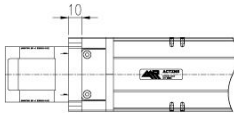
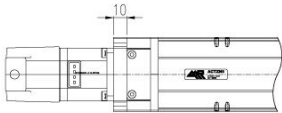
Specification	Unit	ACT-ZN5-SL-50W/100W		Specification	Unit	Data					
ACT-ZN5-SL-50W		ACT-ZN5-SL-100W		Acceleration		0.3					
				Load		kg	2	4	6	13	
Rated Output		W	50W, 3000min ⁻¹ 100W, 3000min ⁻¹	Note3 Allowable Overhang Distance - mm	Horizontal Use		0°	150	50	2	0
Max. Speed		Note1 mm/s	250 (500)				45°	150	70	3	0
Max. Load		Note2 kg	H:13 (8) V:4 (3) H:14 (12) V:7 (6)				90°	150	150	60	0
Stroke Range		mm	50 ~ 200		Wall Installation Use		0°	150	150	2	0
Repeatability		mm	± 0.02				45°	150	70	2	0
Drive Type		-	BALL SCREW				90°	150	50	2	0
				Vertical Use		0°	150	150	130	40	
						45°	150	150	100	25	
						90°	150	150	130	40	
				Estimated Condition	Max Speed : 500 mm/s			Acceleration : 0.3 G (2.94/s ²)			
					Life in traveled distance : 5000 km						

ACT-ZN5-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)	CAUTION
	ACT-ZN5-SL		kg	2.0	2.1	2.2	2.3	2.4					0.2	※ 한글본역은 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
Speed	Model	Stroke	Units	100	125	150	175	200					Offset(50)	
	ACT-ZN5-L		mm/s			250								NOTE1 In case of the short stroke, it may not be reached at maximum speed. NOTE2 It is changed by operating conditions.
	ACT-ZN5-N		mm/s			500								NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.

Model	ACT-ZN5 SS	ACT-ZN5 SL	ACT-Z5 SS	ACT-Z5 SL				
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Specification		Unit	ACT-Z5-SS-50W/100W	
ACT-Z5-SS-50W			ACT-Z5-SS-100W	
				
Rated Output		W	50W, 3000min ⁻¹	100W, 3000min ⁻¹
Max. Speed	Note1	mm/s	250 (500)	
Max. Load	Note2	kg	H:13 (8) V:4 (3)	H:14 (12) V:7 (6)
Stroke Range		mm	50 ~ 100	
Repeatability		mm	±0.02	
Drive Type		-	BALL SCREW	

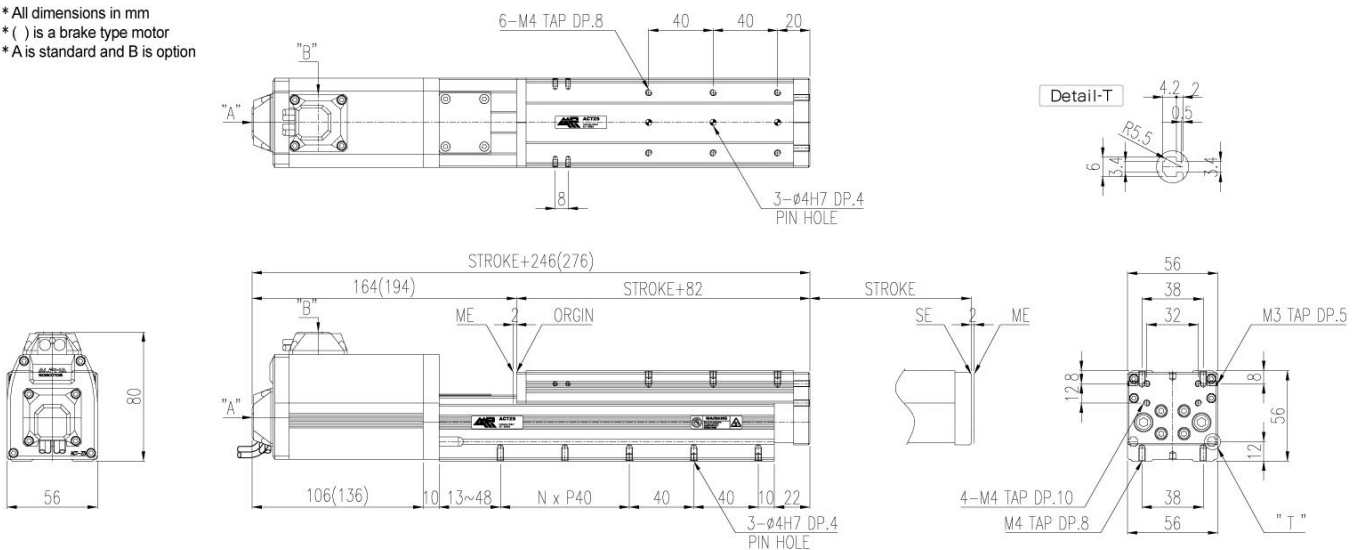
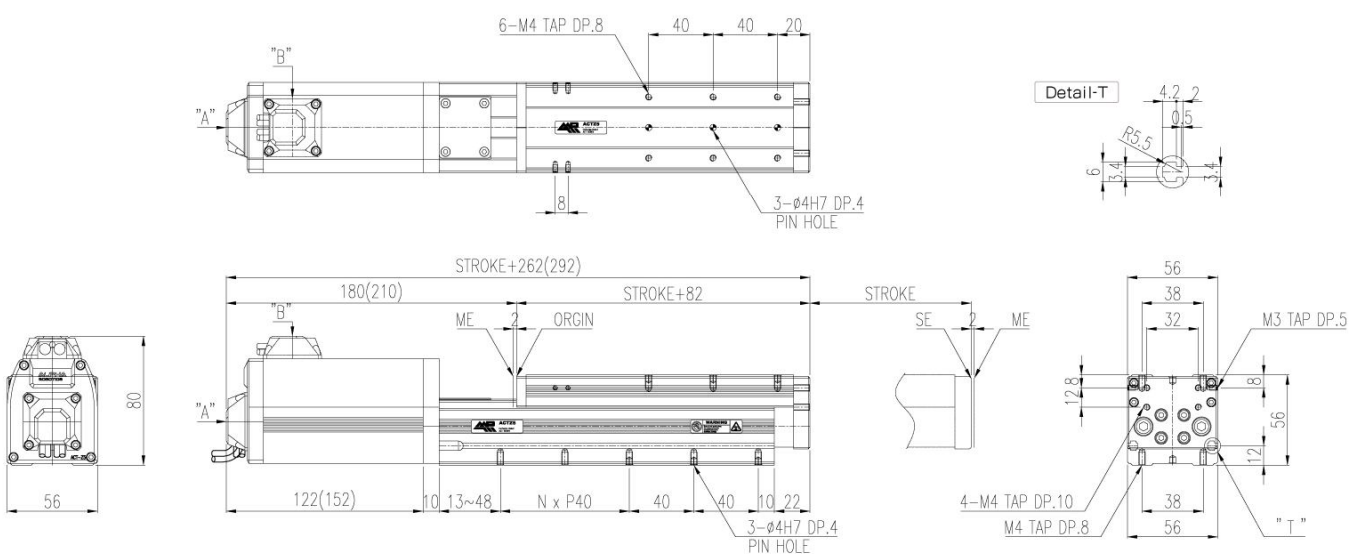
Specification		Unit	Data			
Acceleration		G	0.3			
Load		kg	1	3	6	13
Horizontal Use		0°	150	32	0	0
		45°	150	48	0	0
		90°	150	150	0	0
Wall Installation Use		0°	150	150	0	0
		45°	150	42	0	0
		90°	150	42	0	0
Vertical Use		0°	150	65	14	0
		45°	150	40	10	0
		90°	150	75	13	0
Estimated Condition	Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s ²)			
	Life in traveled distance : 5000 km					

ACT-Z5-S8-50W

* All dimensions in mm

* () is a brake type motor

* A is standard and B is option

**ACT-Z5-SS-100W**[illegible]

Model

ACT-ZN5
SS

ACT-ZN5
SL

ACT-Z5
SS

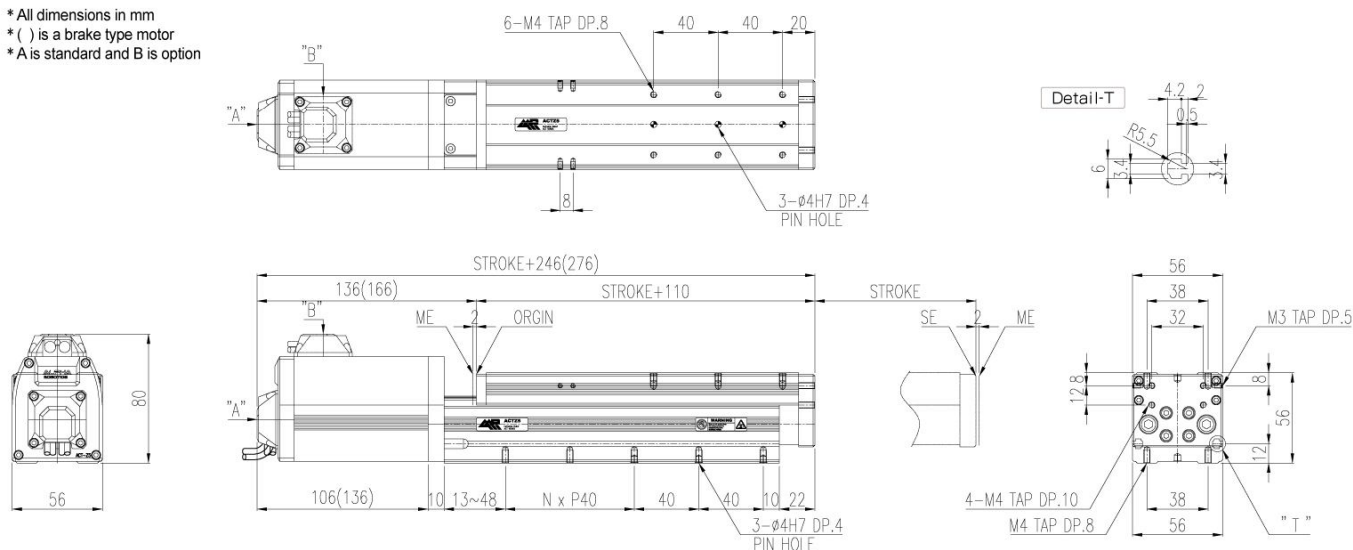
ACT-Z5
SL

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

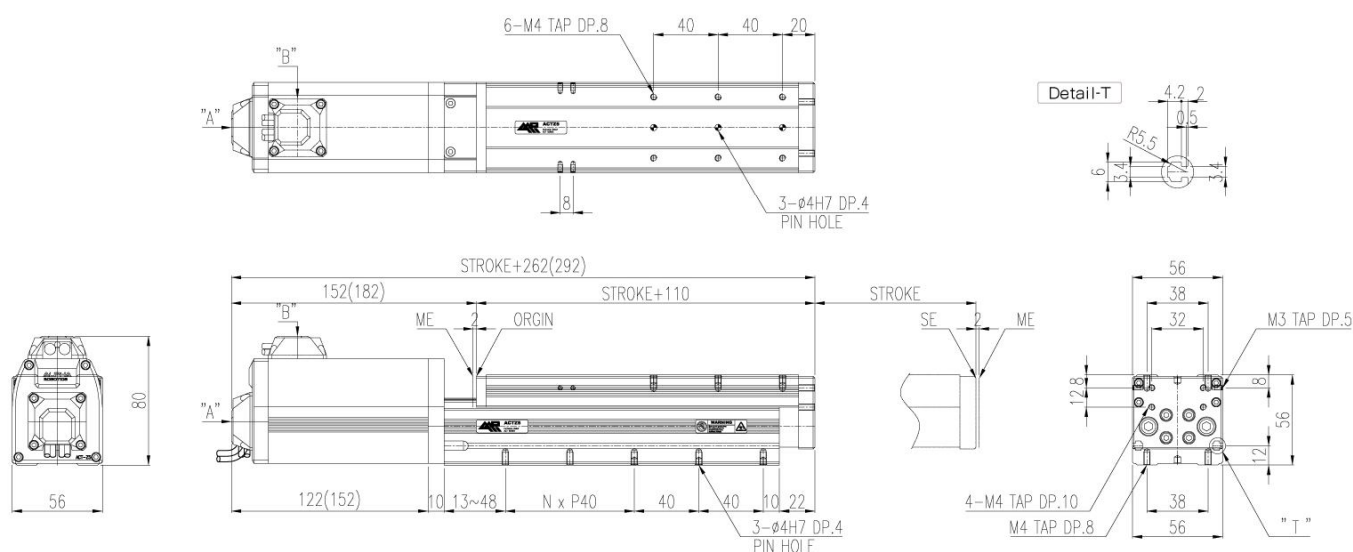
Specification		Unit	ACT-Z5-SL-50W/100W		Specification		Unit	Data				
ACT-Z5-SL-50W			ACT-Z5-SL-100W		Acceleration		G	0.3				
					Load		kg	2	4	6	13	
Rated Output		W	50W, 3000min ⁻¹ 100W, 3000min ⁻¹		Note3 Allowable Overhang Distance - mm	Horizontal Use		0°	150	50	2	0
Max. Speed		Note1 mm/s	250 (500)					45°	150	70	3	0
Max. Load		Note2 kg	H:13 (8) V:4 (3) H:14 (12) V:7 (6)					90°	150	150	60	0
Stroke Range		mm	50 ~ 200			Wall Installation Use		0°	150	150	2	0
Repeatability		mm	± 0.02					45°	150	70	2	0
Drive Type		-	BALL SCREW					90°	150	50	2	0
						Vertical Use		0°	150	150	130	40
								45°	150	150	100	25
					90°			150	150	130	40	
					Estimated Condition	Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s ²)				
						Life in traveled distance : 5000 km						

ACT-Z5-SL-50W

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



ACT-Z5-SL-100W



Weight	Model	Stroke	Units	100	125	150	175	200	Offset(50)	CAUTION
	ACT-Z5-SL	kg		2.0	2.1	2.2	2.3	2.4	0.2	* 한글본역은 C10.1 Page를 참조하시기 바랍니다.
Speed	Model	Stroke	Units	100	125	150	175	200	Offset(50)	NOTE1
	ACT-Z5-L	mm/s				250				In case of the short stroke, it may not be reached at maximum speed.
	ACT-Z5-N	mm/s				500				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.

SPEC

ACM

ACR

ACT

ACC

CMR

Model

ACT-ZN6
SS

ACT-ZN6
SL

ACT-Z6
SS

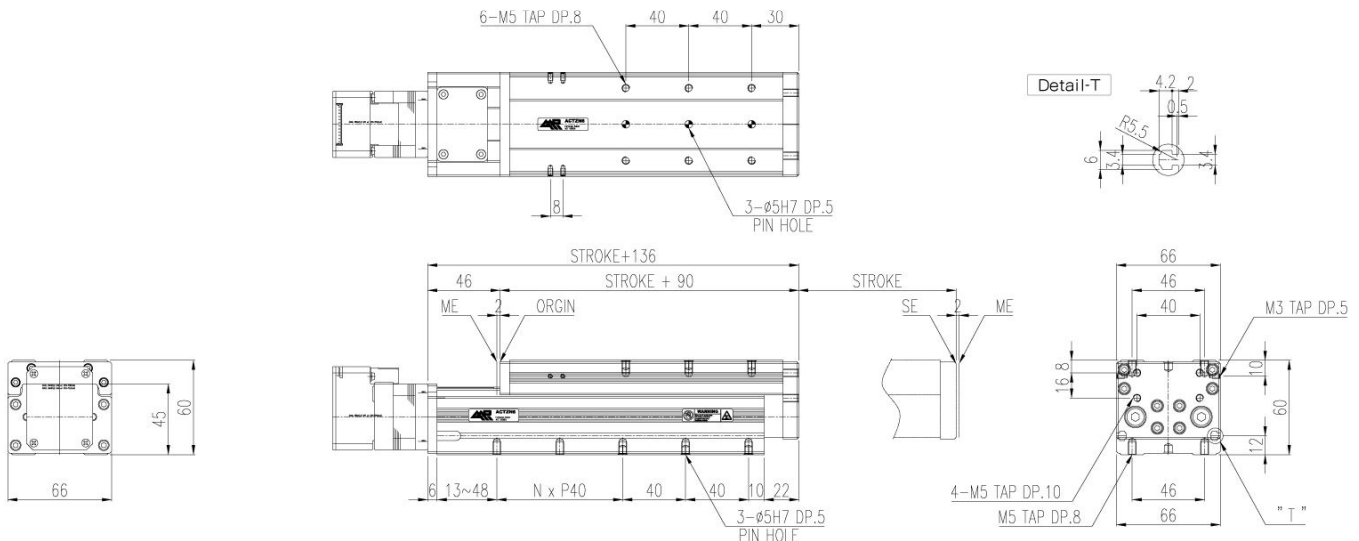
ACT-Z6
SL

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

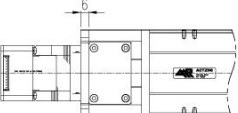
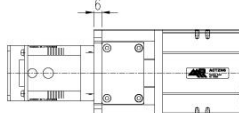
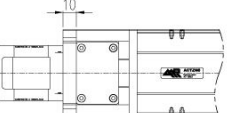
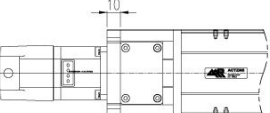
Specification		Unit	ACT-ZN6-SS-50W/100W		Specification		Unit	Data			
ACT-ZN6-SS-50W			ACT-ZN6-SS-100W		Acceleration		G	0.3			
					Load		kg	2	3	6	10
Rated Output	W		50W, 3000min ⁻¹	100W, 3000min ⁻¹	Note3 Allowable Overhang Distance - mm	Horizontal Use 	0°	200	137	11	0
Max. Speed	Note1 mm/s		250 (500)				45°	200	155	14	0
Max. Load	Note2 kg		H:21 (8) V:7 (3)	H:21 (15) V:9 (6)			90°	200	200	53	0
Stroke Range	mm		50 ~ 100			Wall Installation Use 	0°	200	200	0	0
Repeatability	mm		± 0.02				45°	200	155	0	0
Drive Type	-		BALL SCREW				90°	200	140	0	0
						Vertical Use 	0°	200	130	48	0
							45°	162	98	36	0
							90°	200	128	42	0
					Estimated Condition	Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s ²)			
						Life in traveled distance : 5000 km					

ACT-ZN6-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)	CAUTION
	ACT-ZN6-SS	kg		1.7	1.9	2.1	0.43	※ 한글본역은 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
Speed	Model	Stroke	Units	50	75	100	Offset(50)	
	ACT-ZN6-L	mm/s		250				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.
	ACT-ZN6-N	mm/s		500				

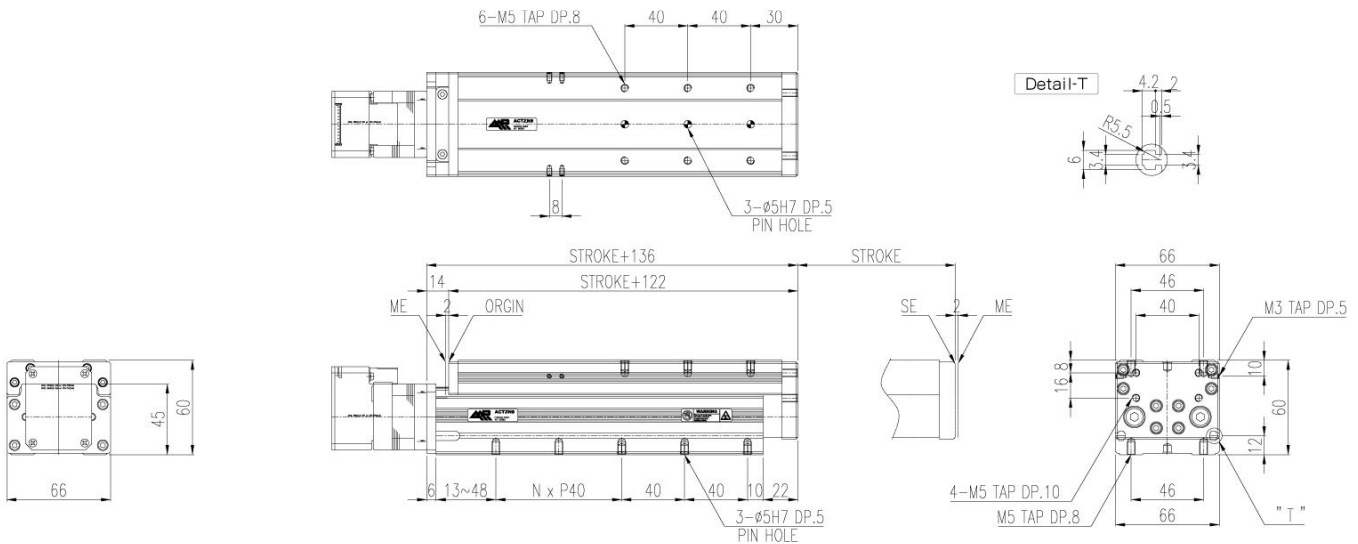
Model	ACT-ZN6 SS	ACT-ZN6 SL	ACT-Z6 SS	ACT-Z6 SL				
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Values of () is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max. Load indicates Vertical use.

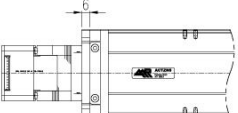
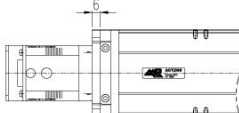
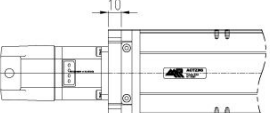
Specification		Unit	ACT-ZN6-SL-50W/100W		Specification		Unit	Data			
ACT-ZN6-SL-50W			ACT-ZN6-SL-100W		Acceleration		G	0.3			
					Load		kg	3	6	10	20
Rated Output		W	50W, 3000min ⁻¹ 100W, 3000min ⁻¹		Note3 Allowable Overhang Distance - mm	Horizontal Use 	0°	200	80	5	0
Max. Speed		Note1 mm/s	250 (500)				45°	200	110	5	0
Max. Load		Note2 kg	H:21 (8) V:7 (3) H:21 (15) V:9 (6)				90°	200	200	10	0
Stroke Range		mm	50 ~ 200			Wall Installation Use 	0°	200	200	0	0
Repeatability		mm	± 0.02				45°	200	100	0	0
Drive Type		-	BALL SCREW				90°	200	70	0	0
						Vertical Use 	0°	200	200	130	45
							45°	200	198	98	35
							90°	200	200	150	60
						Estimated Condition	Max Speed : 500 mm/s			Acceleration : 0.3 G (2.94/s ²)	
							Life in traveled distance : 5000 km				

ACT-ZN6-SL-50W/100W

* All dimensions in mm



Please select one motor described below

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

Weight	Model	Stroke	Units	100	125	150	175	200					Offset(50)	CAUTION
	ACT-ZN6-SL		kg	2.5	2.7	2.9	3.1	3.3					0.43	※ 한글본역은 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
Speed	Model	Stroke	Units	100	125	150	175	200					Offset(50)	
	ACT-ZN6-L		mm/s			250								NOTE1 In case of the short stroke, it may not be reached at maximum speed. NOTE2 It is changed by operating conditions.
	ACT-ZN6-N		mm/s			500								NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.

SPEC

ACM

ACR

ACT

ACC

CMR

Model

ACT-Z6
SS

ACT-Z6
SL

ACT-Z6
SS

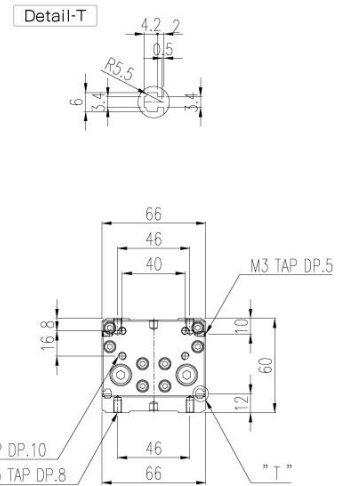
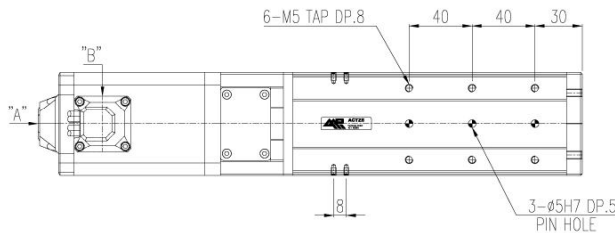
ACT-Z6
SL

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

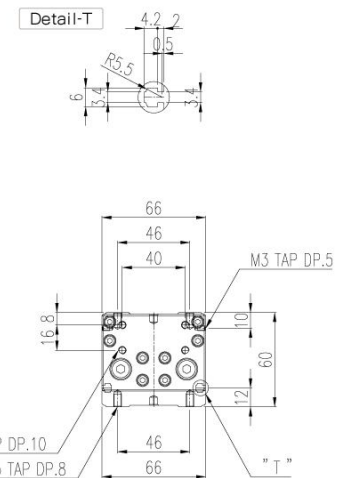
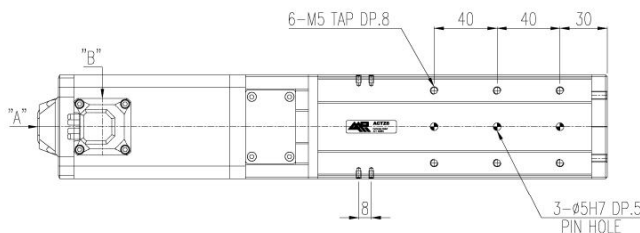
Specification		Unit	ACT-Z6-SS-50W/100W		Specification		Unit	Data				
ACT-Z6-SS-50W			ACT-Z6-SS-100W		Acceleration		G	0.3				
					Load		kg	2	3	6	10	
Rated Output		W	50W, 3000min ⁻¹ 100W, 3000min ⁻¹		Note3 Allowable Overhang Distance - mm	Horizontal Use		0°	200	137	11	0
Max. Speed		Note1 mm/s	250 (500)					45°	200	155	14	0
Max. Load		Note2 kg	H:21 (8) V:7 (3) H:21 (15) V:9 (6)					90°	200	200	53	0
Stroke Range		mm	50 ~ 100			Wall Installation Use		0°	200	200	0	0
Repeatability		mm	± 0.02					45°	200	155	0	0
Drive Type		-	BALL SCREW					90°	200	140	0	0
						Vertical Use		0°	200	130	48	0
								45°	162	98	36	0
								90°	200	128	42	0
						Estimated Condition	Max Speed : 500 mm/s			Acceleration : 0.3 G (2.94/s ²)		
							Life in traveled distance : 5000 km					

ACT-Z6-SS-50W

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



ACT-Z6-SS-100W



Weight	Model	Stroke	Units	50	75	100	Offset(50)	CAUTION
	ACT-Z6-SS		kg	1.7	1.9	2.1	0.43	* 한글본역은 C10.1 Page를 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
Speed	Model	Stroke	Units	50	75	100	Offset(50)	NOTE1
	ACT-Z6-L		mm/s	250				In case of the short stroke, it may not be reached at maximum speed.
	ACT-Z6-N		mm/s	500				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.

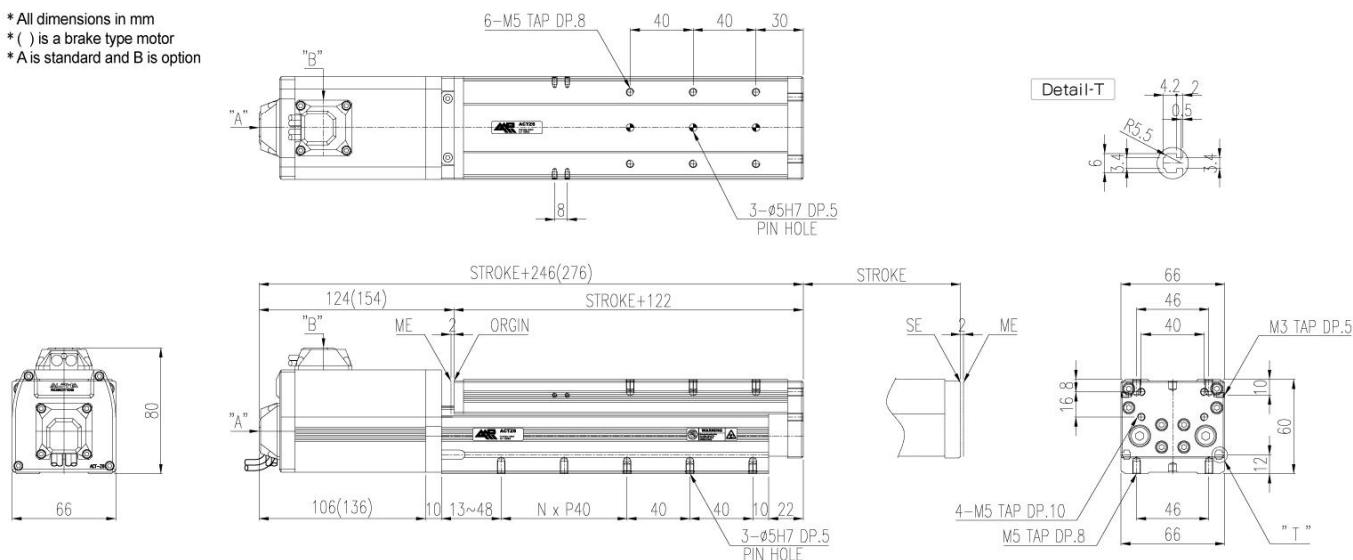
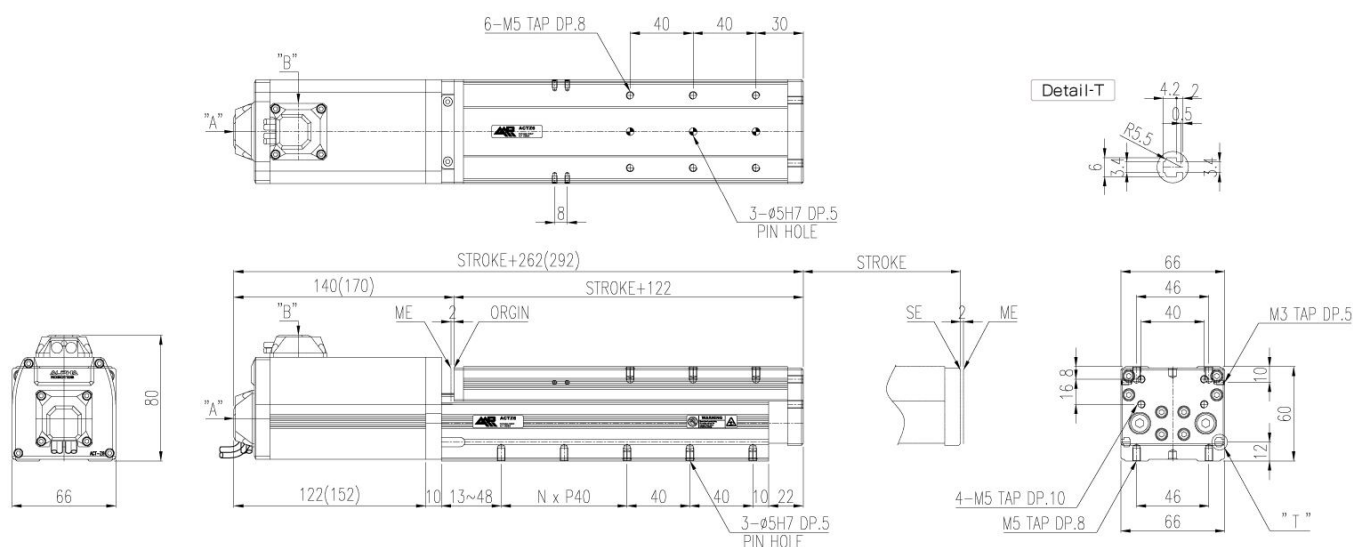
ACT-Z6 SERIES

Model	ACT-ZN6 SS	ACT-ZN6 SL	ACT-Z6 SS	ACT-Z6 SL				
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Specification	Unit	ACT-Z6-SL-50W/100W		ACT-Z6-SL-100W	
ACT-Z6-SL-50W					
Rated Output	W	50W, 3000min ⁻¹		100W, 3000min ⁻¹	
Max. Speed	Note1 mm/s	250 (500)			
Max. Load	Note2 kg	H:21 (8) V:7 (3)		H:21 (15) V:9 (6)	
Stroke Range	mm	50 ~ 200			
Repeatability	mm	± 0.02			
Drive Type	-	BALL SCREW			

ACT-Z6-SL-50W

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

**ACT-Z6-SL-100W**[illegible]

SPEC

ACM

ACR

ACT

ACC

CMR

Model

ACT-ZN8
SS

ACT-ZN8
SL

ACT-Z8
SS

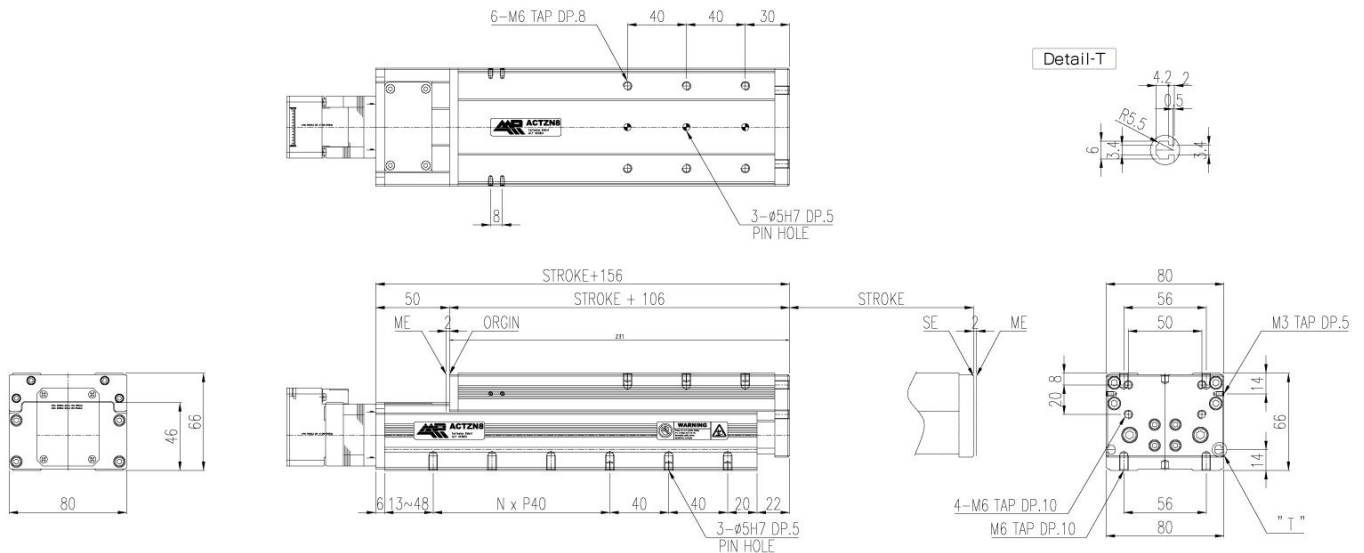
ACT-Z8
SL

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

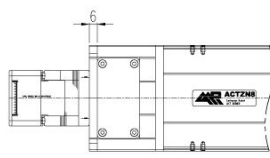
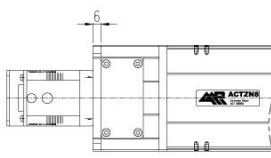
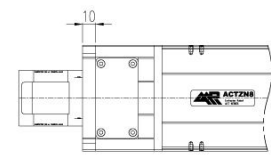
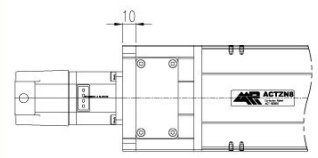
Specification	Unit	ACT-ZN8-SS-50W/100W		Specification	Unit	Data				
ACT-ZN8-SS-50W		ACT-ZN8-SS-100W		Acceleration		G				
				Load		0.3				
Rated Output		W	50W, 3000min ⁻¹	Load		kg	4	8	10	20
Max. Speed		Note1	mm/s	250 (500)		Horizontal Use				
Max. Load		Note2	kg	H:30 (11) V:10 (4) H:30 (21) V:13 (9)		0°				
Stroke Range		mm	50 ~ 100			45°				
Repeatability		mm	± 0.02			90°				
Drive Type		-	BALL SCREW			0°				
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ACT-ZN8-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)	CAUTION
	ACT-ZN8-SS	kg	2.8	3.2	3.5		0.71	※ 한글본역은 C10.1 Page를 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
Speed	Model	Stroke	Units	50	75	100	Offset(50)	
	ACT-ZN8-L	mm/s		250				NOTE1 In case of the short stroke, it may not be reached at maximum speed. NOTE2 It is changed by operating conditions.
	ACT-ZN8-N	mm/s		500				NOTE3 In case of use of products beyond allowable overhang value, it may result in malfunction of products.

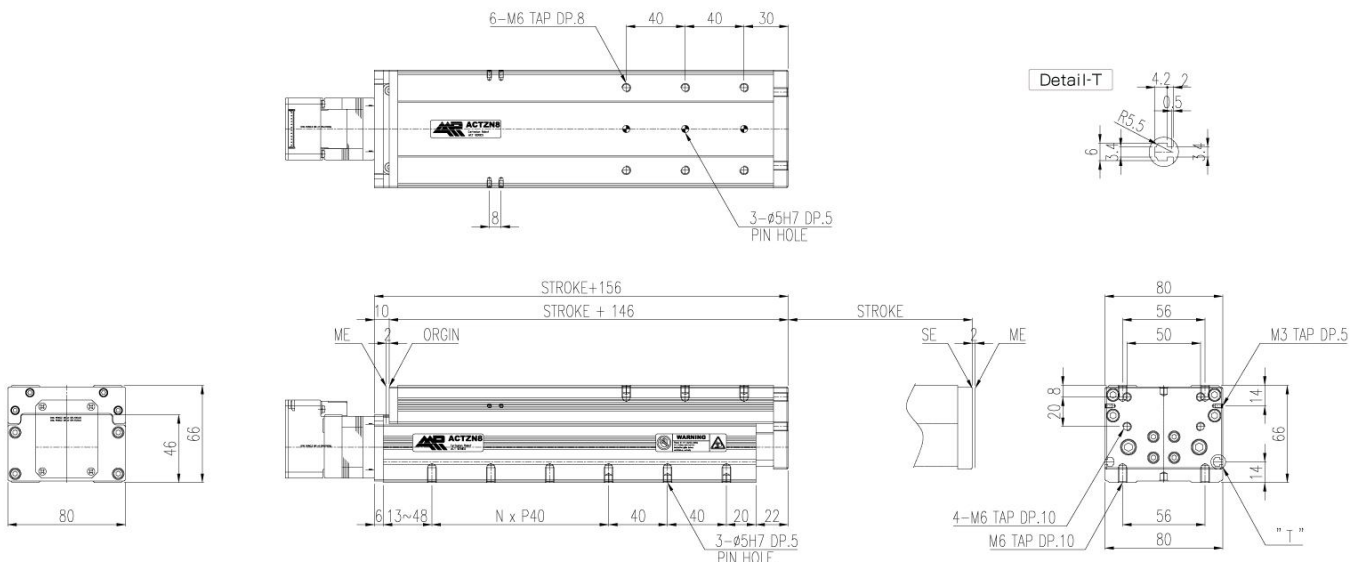
Model	ACT-ZN8 SS	ACT-ZN8 SL	ACT-Z8 SS	ACT-Z8 SL				
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Values of () is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

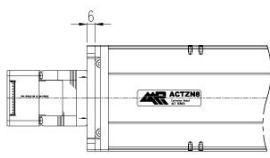
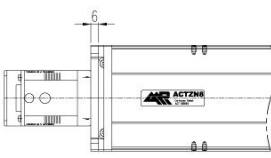
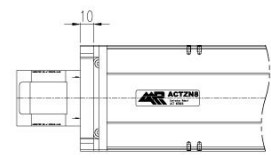
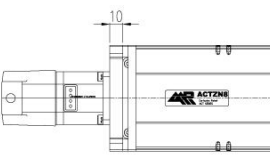
Specification	Unit	ACT-Z6-SL-50W/100W		Specification	Unit	Data					
ACT-ZN8-SL-50W		ACT-ZN8-SL-100W		Acceleration		G0.3					
				Load		kg	4	8	20	30	
Rated Output		W	50W, 3000min ⁻¹	100W, 3000min ⁻¹							
Max. Speed	Note1	mm/s	250 (500)								
Max. Load	Note2	kg	H:30 (11) V:10 (4)	H:30 (21) V:13 (9)							
Stroke Range		mm	100 ~ 300								
Repeatability		mm	± 0.02								
Drive Type		-	BALL SCREW								
				Note3 Allowable Overhang Distance - mm	Horizontal Use		0°	250	250	1	0
					Wall Installation Use		45°	250	250	1	0
							90°	250	250	5	0
							0°	250	250	0	0
					Vertical Use		45°	250	250	0	0
							0°	250	250	140	80
							90°	250	250	100	60
					Estimated Condition		90°	250	250	145	80
							Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s ²)		
							Life in traveled distance : 5000 km				

ACT-ZN8-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	225	250	275	300	Offset(50)	CAUTION
	ACT-ZN8-SL	kg		3.9	4.3	4.6	5.0	5.3	5.7	6.0	6.4	6.7	0.71	※ 한글본역은 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
Speed	Model	Stroke	Units	100	125	150	175	200	225	250	275	300	Offset(50)	NOTE1
	ACT-ZN8-L	mm/s						250						In case of the short stroke, it may not be reached at maximum speed.
	ACT-ZN8-N	mm/s						500						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.

ACT-Z8 SERIES

Model	ACT-ZN8 SS	ACT-ZN8 SL	ACT-Z8 SS	ACT-Z8 SL				
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Values of () is in case of speed of 1000mm/sec. / H of Max. Load indicates Horizontal use and V of Max.Load indicates Vertical use.

Specification	Unit	ACT-Z8-SS-50W/100W		ACT-Z8-SS-100W	
ACT-Z8-SS-50W		ACT-Z8-SS-100W			
					
Rated Output	W	50W, 3000min ⁻¹		100W, 3000min ⁻¹	
Max. Speed	Note1 mm/s	250 (500)			
Max. Load	Note2 kg	H:30 (11) V:10 (4)		H:30 (21) V:13 (9)	
Stroke Range	mm	50 ~ 100			
Repeatability	mm	± 0.02			
Drive Type	-	BALL SCREW			

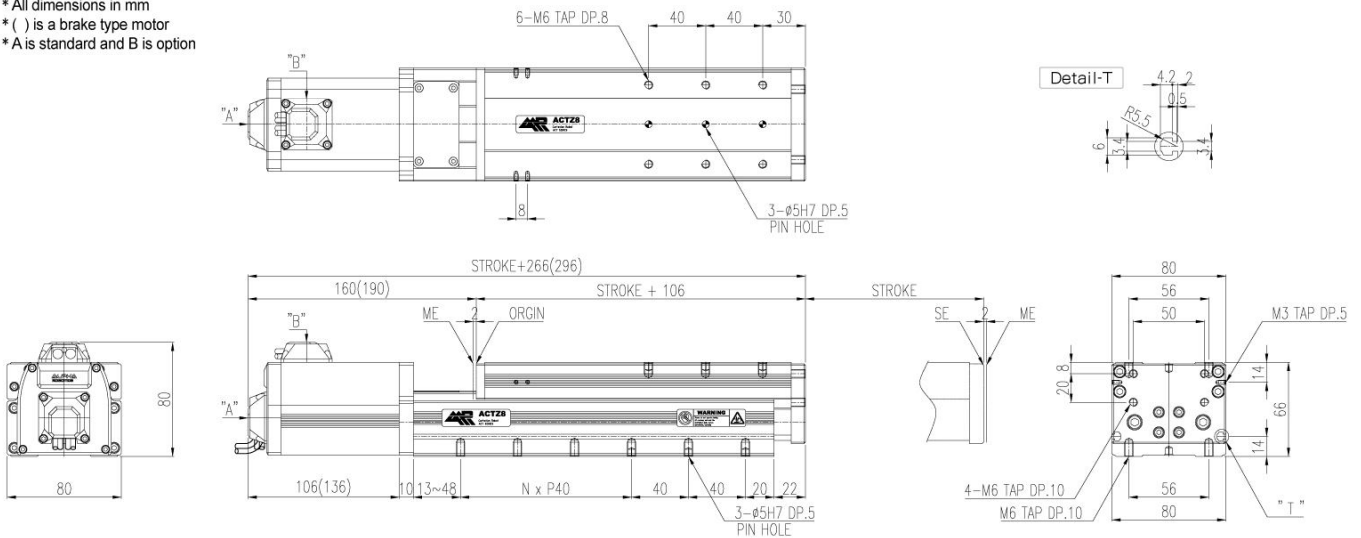
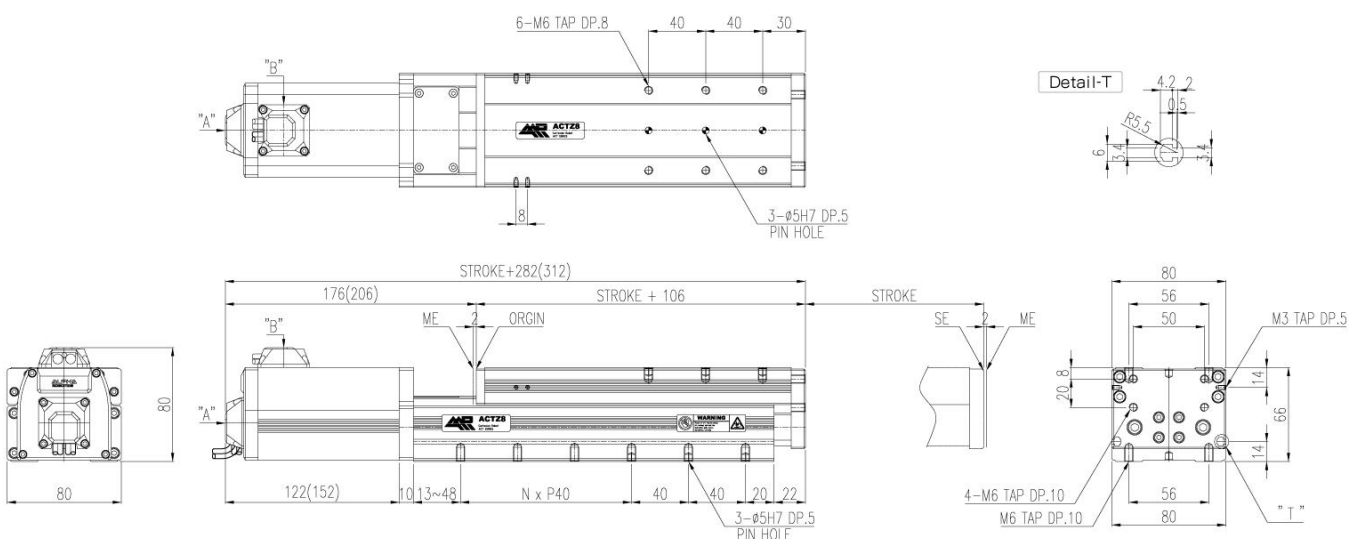
Specification	Unit	Data			
Acceleration	G	0.3			
Load	kg	4	8	10	20
Horizontal Use	0°	250	90	40	0
	45°	250	120	60	0
	90°	250	250	140	0
Wall Installation Use	0°	250	240	95	0
	45°	250	110	55	0
	90°	250	90	35	0
Vertical Use	0°	235	100	70	14
	45°	180	75	55	11
	90°	245	95	80	16
Estimated Condition	Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s ²)		
	Life in traveled distance : 5000 km				

ACT-Z8-S8-50W

* All dimensions in mm

* () is a brake type motor

* A is standard and B is option

**ACT-Z8-SS-100W**[illegible]

Model

ACT-ZN8
SS

ACT-ZN8
SL

ACT-Z8
SS

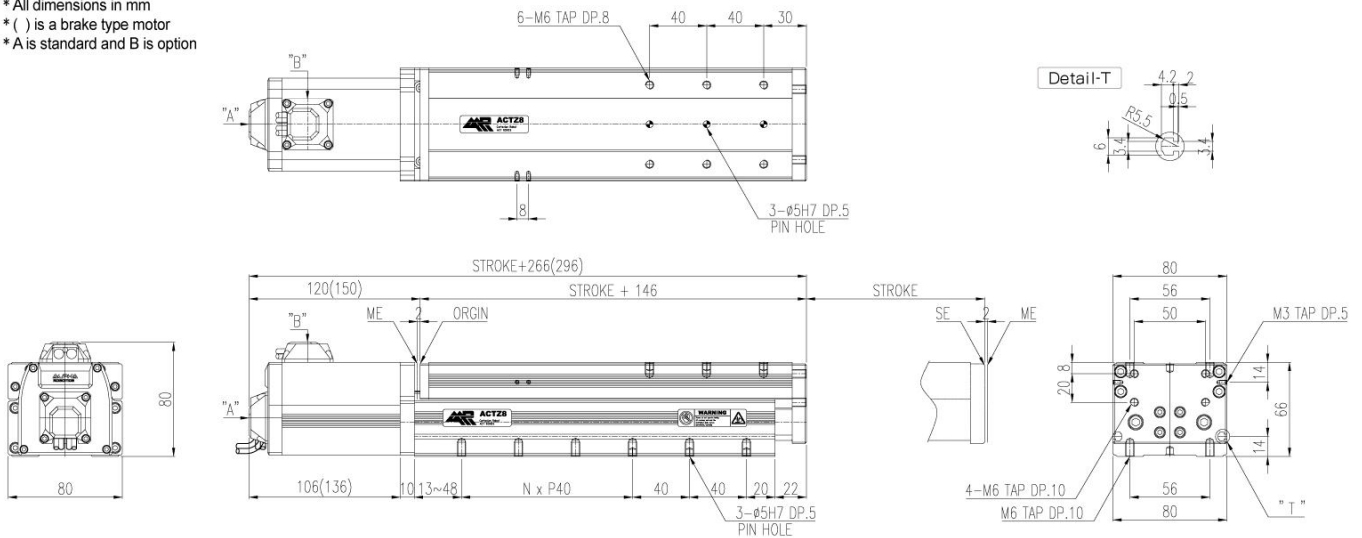
ACT-Z8
SL

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

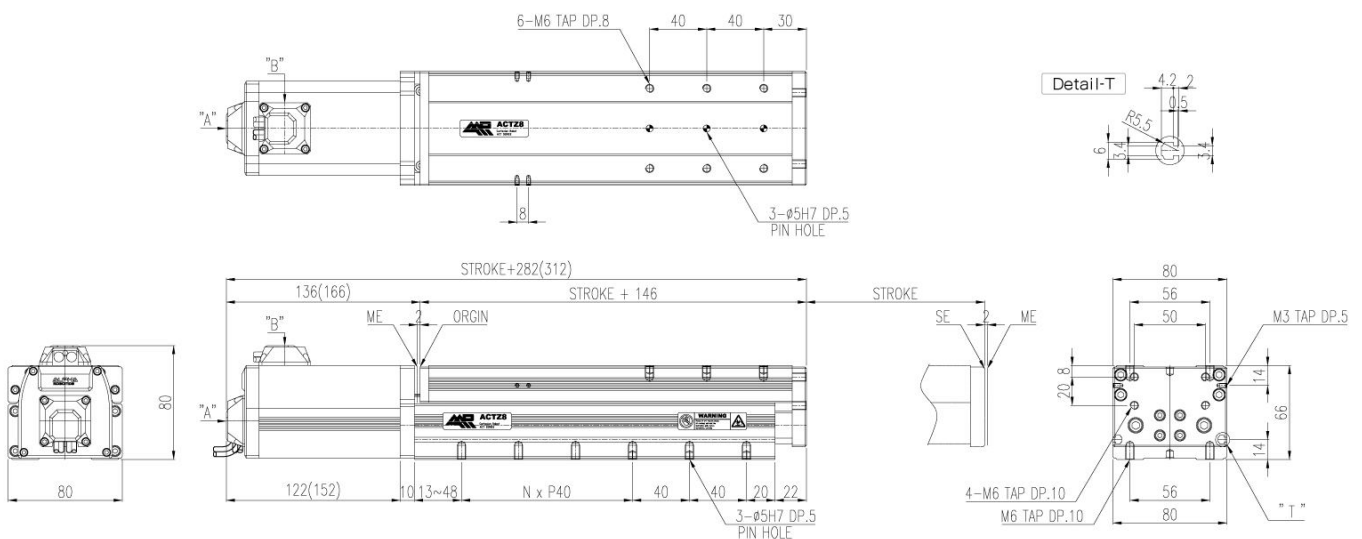
Specification	Unit	ACT-Z8-SL-50W/100W		Specification	Unit	Data							
ACT-Z8-SL-50W		ACT-Z8-SL-100W		Acceleration		0.3							
				Load		kg	4	8	20	30			
Rated Output	W	50W, 3000min ⁻¹	100W, 3000min ⁻¹	Note3 Allowable Overhang Distance - mm	Horizontal Use		0°	250	250	1	0		
Max. Speed	Note1 mm/s	250 (500)					45°	250	250	1	0		
Max. Load	Note2 kg	H:30 (11) V:10 (4) H:30 (21) V:13 (9)					90°	250	250	5	0		
Stroke Range	mm	100 ~ 300				Wall Installation Use		0°	250	250	0	0	
Repeatability	mm	± 0.02						45°	250	250	0	0	
Drive Type	-	BALL SCREW						90°	250	250	0	0	
						Vertical Use		0°	250	250	140	80	
								45°	250	250	100	60	
								90°	250	250	145	80	
				Estimated Condition	Max Speed : 500 mm/s		Acceleration : 0.3 G (2.94/s ²)						
					Life in traveled distance : 5000 km								

ACT-Z8-SL-50W

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



ACT-Z8-SL-100W



Weight	Model	Stroke	Units	100	125	150	175	200	225	250	275	300	Offset(50)	CAUTION	
	ACT-Z8-SL		kg	3.9	4.3	4.6	5.0	5.3	5.7	6.0	6.4	6.7	0.71	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	
Speed	Model	Stroke	Units	100	125	150	175	200	225	250	275	300	Offset(50)	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.	
	ACT-Z8-L		mm/s	250											
	ACT-Z8-N		mm/s	500											