ALXG

CORELESS LINEAR ROBOT

STD PRO GRAM mm mm/s kg CE

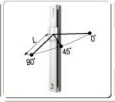


ALXG180-T 63.1

ALXG230-T 64.1

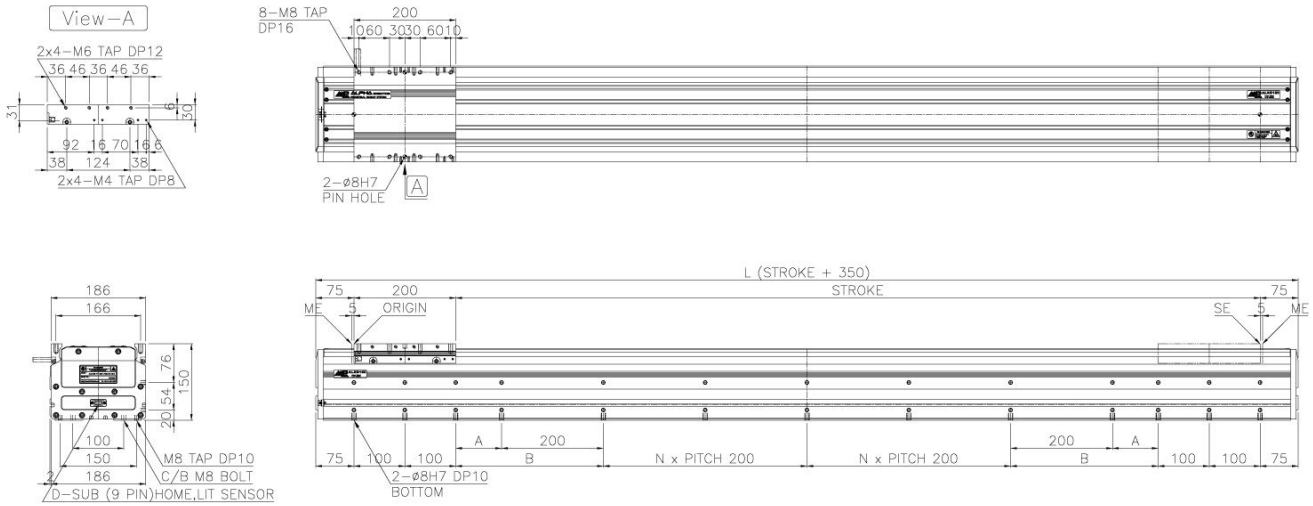
Model / Peak Force	ALXG180-1T1 B014 140N	ALXG180-1T2 B014 140N	ALXG180-1T1 B028 280N	ALXG180-1T2 B028 280N	ALXG180-1T1 B042 420N	ALXG180-1T2 B042 420N		

Specification	Unit	Data
ALXG180-1T1-B014 		ALXG180-2T1-B014 
Rated Force	N	47
Peak Force	N	140
Resolution	㎛	Note1 0.1 ~ 40
Max. Speed	mm/sec	Note2 2500
Max. Stroke	mm	2500
Max. Load	kgf	Note3 88
LM Guide	-	NO 20, 2Rail 4Block

Specification		Unit	Data			
Acceleration		G	0.3	0.5	0.7	1.0
Load		kgf	22	13	8	5
Allowable Overhang Distance - mm	Horizontal Use 	0°	1000	1000	1000	1000
		45°	1000	1000	1000	1000
		90°	1000	1000	1000	1000
	Wall Installation Use 	0°	1000	1000	1000	1000
		45°	1000	1000	1000	1000
		90°	732	1000	1000	1000
	Note4 Vertical Use 	0°	1000	1000	1000	1000
		45°	760	1000	1000	1000
		90°	1000	1000	1000	1000
Note5	Estimated Condition		Max Speed : 2000 mm/sec Waiting Time : 0 sec		Life Time : 15000 hr Stroke : 2000 mm	

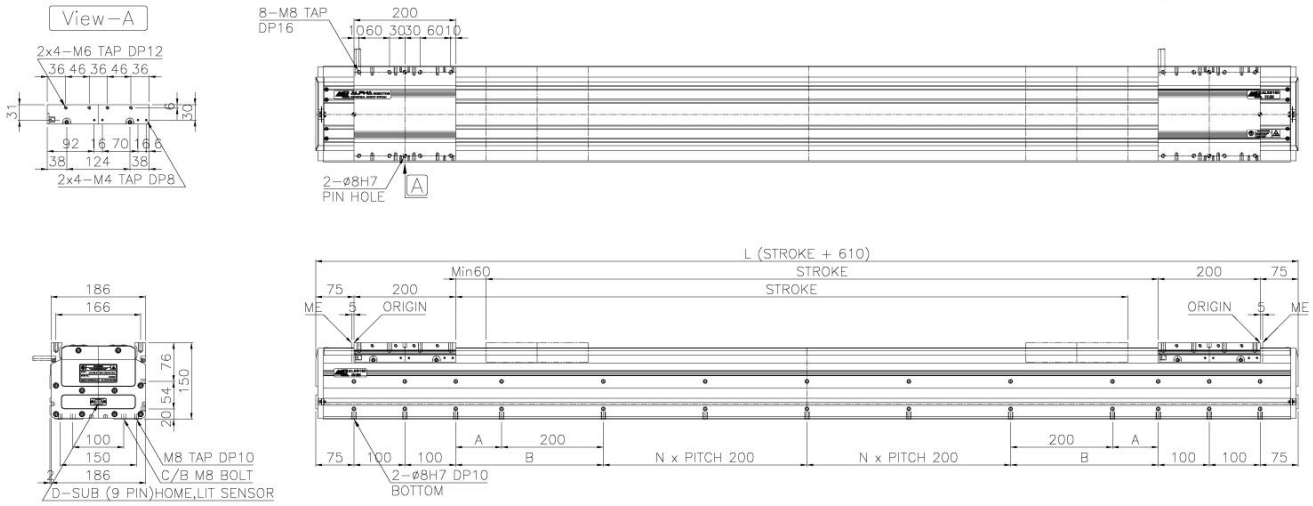
ALXG180-1T1

* All dimensions in mm



ALXG180-2T1

* All dimensions in mm



Model \ Stroke	Units	500	1000	1500	2000	3000	Offset(100)
ALXG180-1T1-B014	kgf	30.65	44.80	58.96	73.11	101.42	(2.83)
ALXG180-2T1-B014	kgf	42.73	56.89	71.04	85.19	113.50	(2.83)

CAUTION

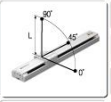
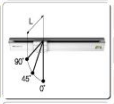
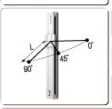
Please be careful of surrounding interference when it is returning to origin because of the slide moves to ME.
ME : Mechanical End
SE : Stroke End

Apply 'B' value, in case of 'A' value is below of 80

NOTE1 It is differed by the drive specification, the maximum speed and using conditions.
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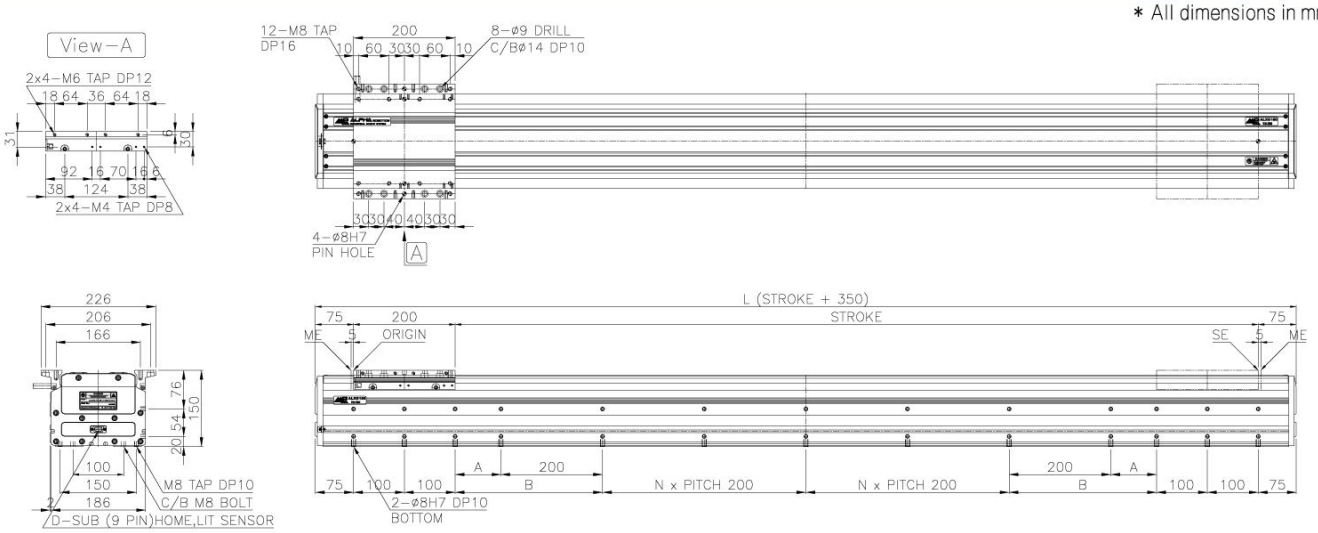
Model / Peak Force								
	ALXG180-1T1 B014 140N	**ALXG180-1T2 B014 140N**	ALXG180-1T1 B028 280N	ALXG180-1T2 B028 280N	ALXG180-1T1 B042 420N	ALXG180-1T2 B042 420N		

Specification	Unit	Data
ALXG180-1T2-B014		ALXG180-2T2-B014
		
Rated Force	N	47
Peak Force	N	140
Resolution	㎛	Note1 0.1 ~ 40
Max. Speed	mm/sec	Note2 2500
Max. Stroke	mm	2500
Max. Load	kgf	Note3 88
LM Guide	-	NO 20, 2Rail 4Block

Specification		Unit	Data			
Acceleration		G	0.3	0.5	0.7	1.0
Load		kgf	22	13	8	5
Allowable Overhang Distance - mm	Horizontal Use 	0°	1000	1000	1000	1000
		45°	1000	1000	1000	1000
		90°	1000	1000	1000	1000
	Wall Installation Use 	0°	1000	1000	1000	1000
		45°	1000	1000	1000	1000
		90°	732	1000	1000	1000
	Note4 Vertical Use 	0°	1000	1000	1000	1000
		45°	760	1000	1000	1000
		90°	1000	1000	1000	1000
Note5	Estimated Condition		Max Speed : 2000 mm/sec Waiting Time : 0 sec		Life Time : 15000 hr Stroke : 2000 mm	

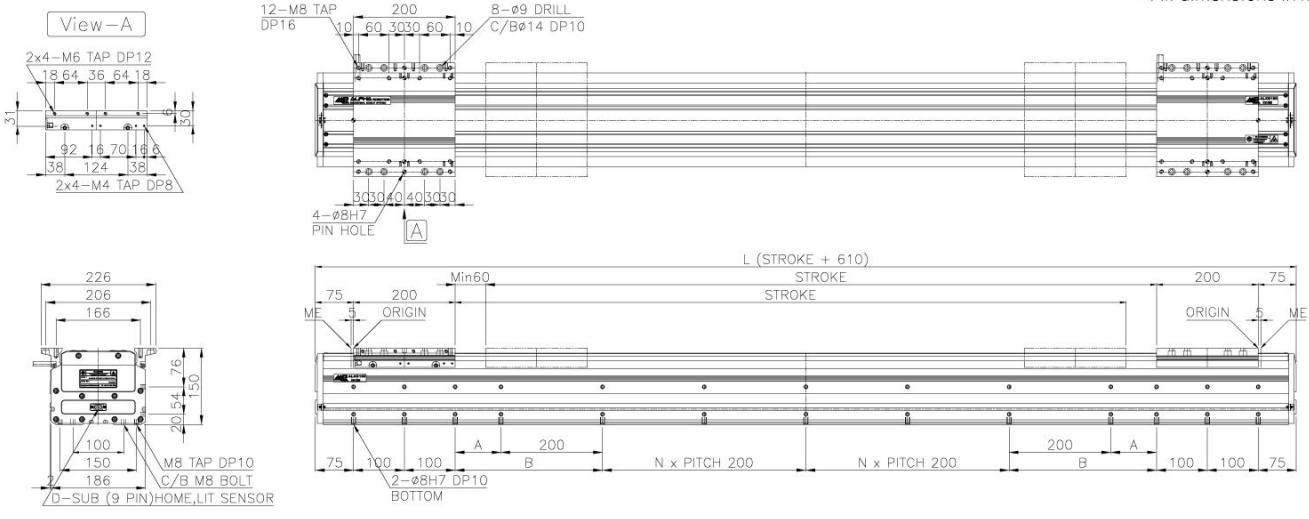
ALXG180-1T2

* All dimensions in mm



ALXG180-2T2

* All dimensions in mm



Model \ Stroke	Units	500	1000	1500	2000	3000	Offset(100)
ALXG180-1T2-B014	kgf	30.65	44.80	58.96	73.11	101.42	(2.83)
ALXG180-2T2-B014	kgf	42.73	56.89	71.04	85.19	113.50	(2.83)

CAUTION

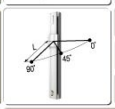
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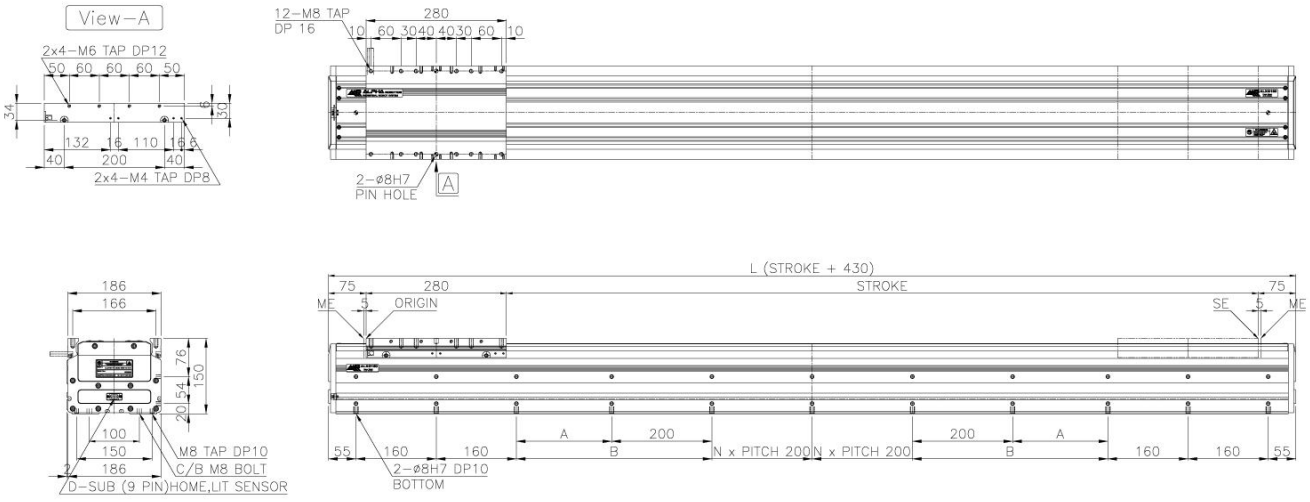
Model / Peak Force							
	ALXG180-1T1 B014 140N	ALXG180-1T2 B014 140N	ALXG180-1T1 B028 280N	ALXG180-1T2 B028 280N	ALXG180-1T1 B042 420N	ALXG180-1T2 B042 420N	

Specification	Unit	Data
ALXG180-1T1-B028 		ALXG180-2T1-B028 
Rated Force	N	93
Peak Force	N	280
Resolution	㎛	Note1 0.1 ~ 40
Max. Speed	mm/sec	Note2 2500
Max. Stroke	mm	2500
Max. Load	kgf	Note3 100
LM Guide	-	NO 20, 2Rail 4Block

Specification		Unit	Data			
Acceleration		G	0.3	0.5	0.7	1.0
Load		kgf	54	32	23	15
Allowable Overhang Distance - mm	Horizontal Use 	0°	545	880	1000	1000
		45°	535	850	1000	1000
		90°	1000	1000	1000	1000
	Wall Installation Use 	0°	915	1000	1000	1000
		45°	600	956	1000	1000
		90°	363	578	795	1000
	Note4 Vertical Use 	0°	1000	1000	1000	1000
		45°	510	775	1000	1000
		90°	1000	1000	1000	1000
Note5	Estimated Condition	Max Speed : 2000 mm/sec Life Time : 15000 hr Waiting Time : 0 sec Stroke : 2000 mm				

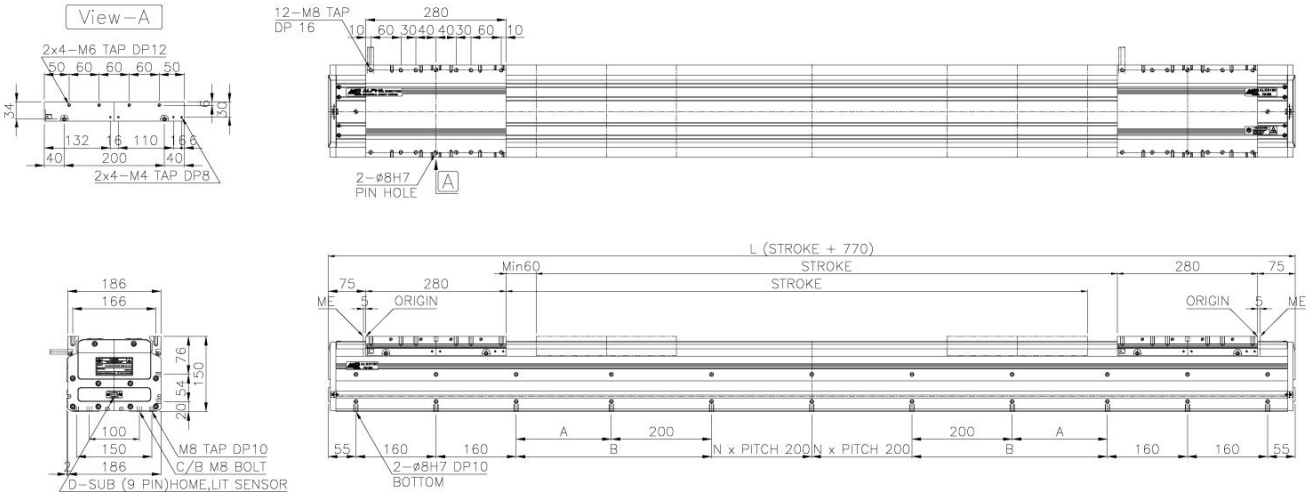
ALXG180-1T1

* All dimensions in mm



ALXG180-2T1

* All dimensions in mm



Model \ Stroke	Units	500	1000	1500	2000	3000	Offset(100)
ALXG180-1T1-B028	kgf	34.26	48.44	62.59	76.75	105.06	(2.83)
ALXG180-2T1-B028	kgf	50.00	64.15	78.31	92.46	120.77	(2.83)

CAUTION

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ME : Mechanical End
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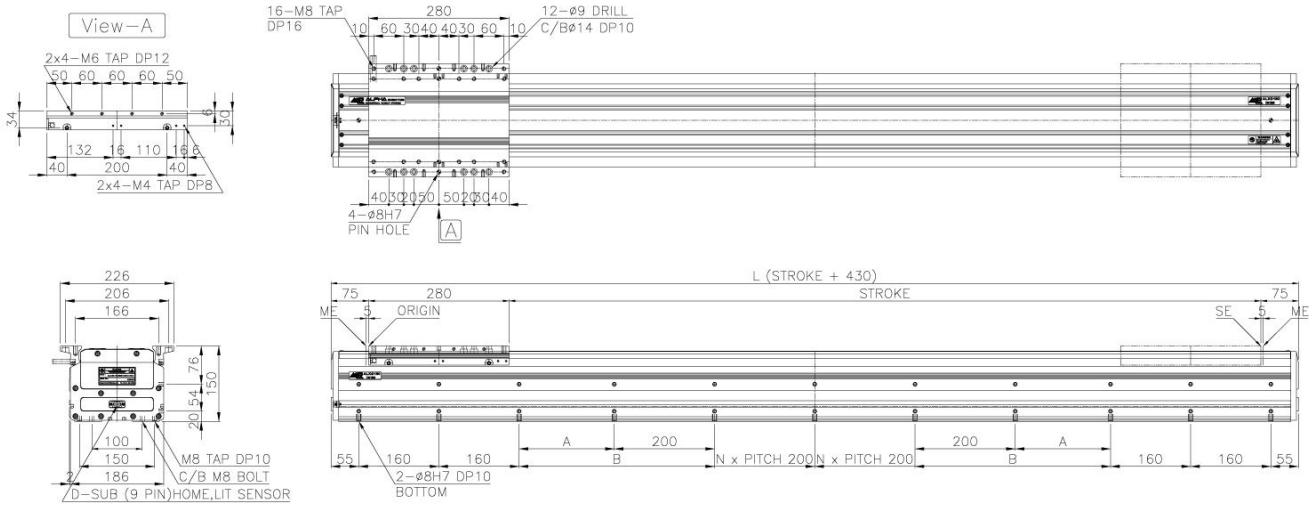
Model / Peak Force	ALXG180-1T1 B014 140N	ALXG180-1T2 B014 140N	ALXG180-1T1 B028 280N	ALXG180-1T2 B028 280N	ALXG180-1T1 B042 420N	ALXG180-1T2 B042 420N		

Specification	Unit	Data
ALXG180-1T2-B028		ALXG180-2T2-B028
		
Rated Force	N	93
Peak Force	N	280
Resolution	㎛	Note1 0.1 ~ 40
Max. Speed	mm/sec	Note2 2500
Max. Stroke	mm	2500
Max. Load	kgf	Note3 100
LM Guide	-	NO 20, 2Rail 4Block

Specification		Unit	Data			
Acceleration		G	0.3	0.5	0.7	1.0
Load		kgf	54	32	23	15
Allowable Overhang Distance - mm	Horizontal Use	0°	545	880	1000	1000
		45°	535	850	1000	1000
		90°	1000	1000	1000	1000
	Wall Installation Use	0°	915	1000	1000	1000
		45°	600	956	1000	1000
		90°	363	578	795	1000
	Note4 Vertical Use	0°	1000	1000	1000	1000
		45°	510	775	1000	1000
		90°	1000	1000	1000	1000
Note5	Estimated Condition	Max Speed : 2000 mm/sec Waiting Time : 0 sec		Life Time : 15000 hr Stroke : 2000 mm		

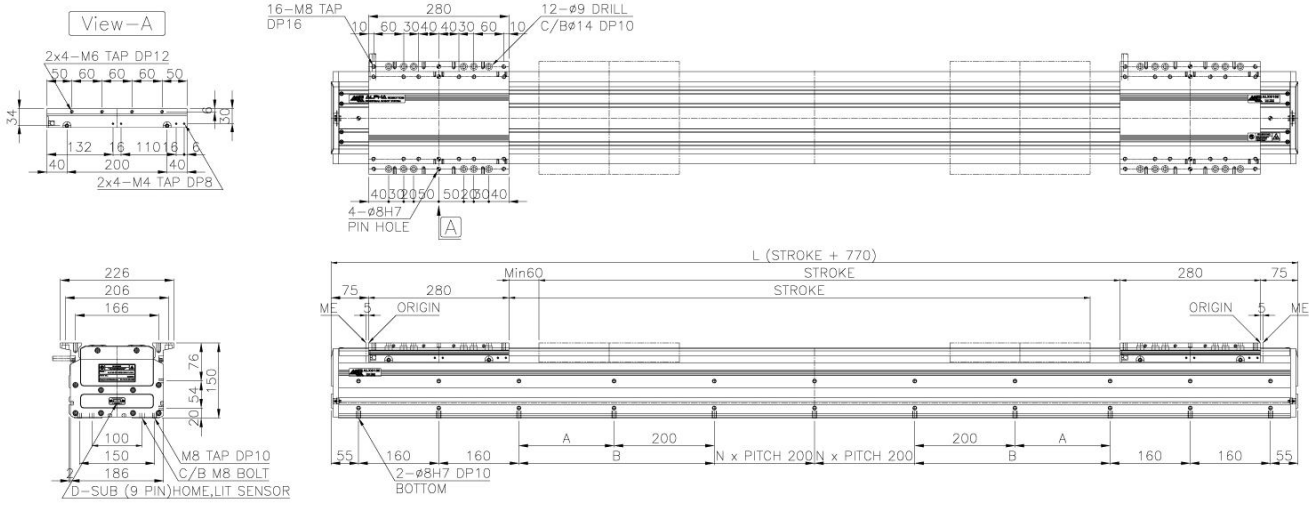
ALXG180-1T2

* All dimensions in mm



ALXG180-2T2

* All dimensions in mm



Model \ Stroke	Units	500	1000	1500	2000	3000	Offset(100)
ALXG180-1T2-B028	kgf	34.26	48.44	62.59	76.75	105.06	(2.83)
ALXG180-2T2-B028	kgf	50.00	64.15	78.31	92.46	120.77	(2.83)

CAUTION

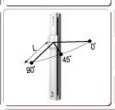
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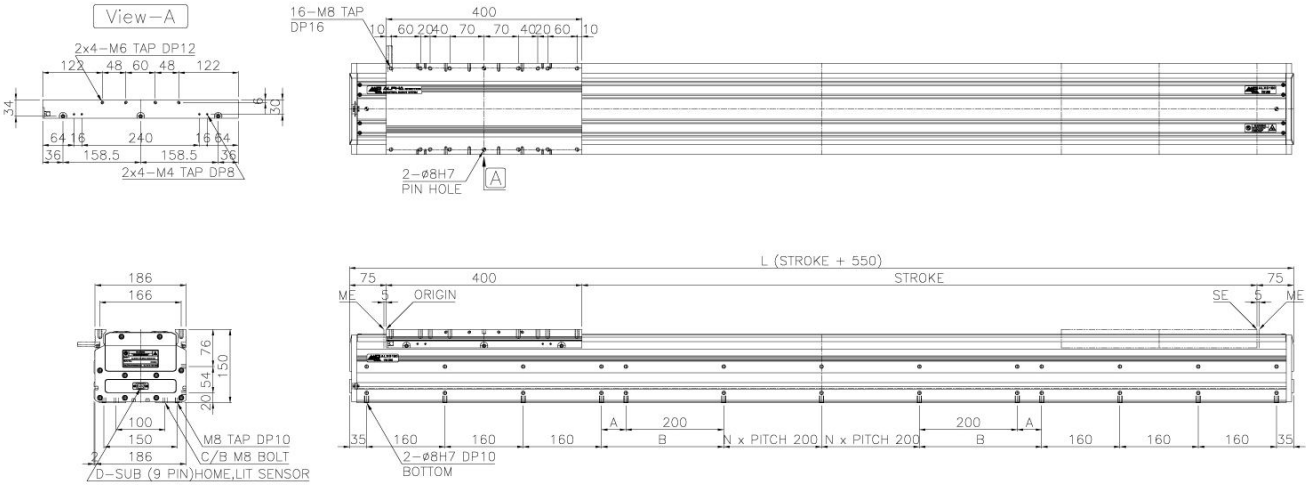
Model / Peak Force	ALXG180-1T1 B014 140N	ALXG180-1T2 B014 140N	ALXG180-1T1 B028 280N	ALXG180-1T2 B028 280N	ALXG180-1T1 B042 420N	ALXG180-1T2 B042 420N		

Specification	Unit	Data
ALXG180-1T1-B042 		ALXG180-2T1-B042 
Rated Force	N	140
Peak Force	N	420
Resolution	㎛	Note1 0.1 ~ 40
Max. Speed	mm/sec	Note2 2500
Max. Stroke	mm	2500
Max. Load	kgf	Note3 100
LM Guide	-	NO 20, 2Rail 6Block

Specification		Unit	Data			
Acceleration		G	0.3	0.5	0.7	1.0
Load		kgf	81	49	34	22
Allowable Overhang Distance - mm	Horizontal Use 	0°	375	610	850	1000
		45°	375	600	830	1000
		90°	1000	1000	1000	1000
	Wall Installation Use 	0°	955	1000	1000	1000
		45°	400	645	900	1000
		90°	282	455	628	954
	Note4 Vertical Use 	0°	1000	1000	1000	1000
		45°	535	810	1000	1000
		90°	1000	1000	1000	1000
Note5	Estimated Condition	Max Speed : 2000 mm/sec Life Time : 15000 hr Waiting Time : 0 sec Stroke : 2000 mm				

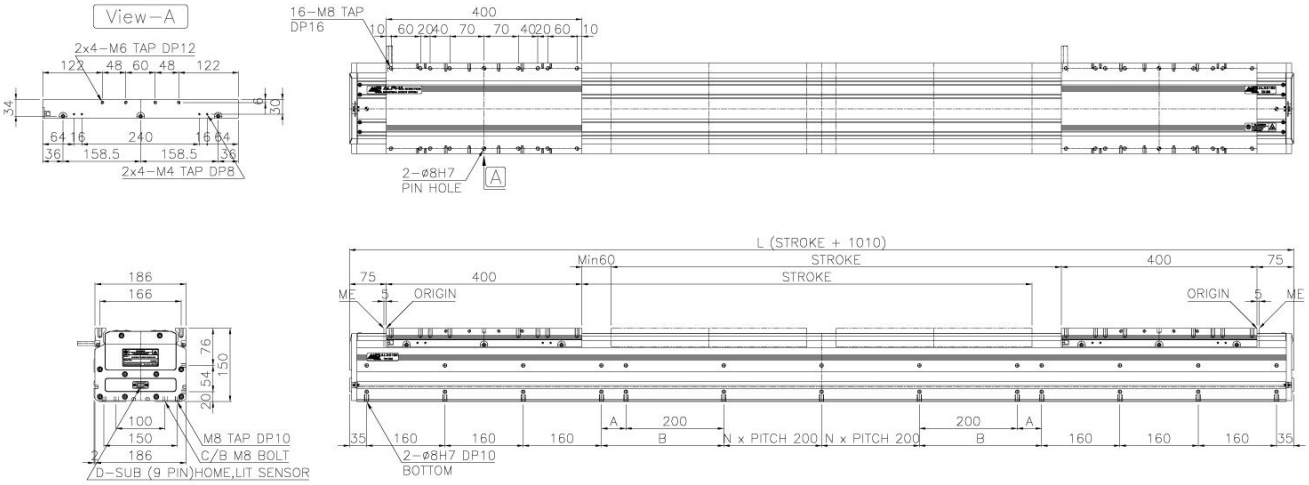
ALXG180-1T1

* All dimensions in mm



ALXG180-2T1

* All dimensions in mm



Model / Stroke	Units	500	1000	1500	2000	3000	Offset(100)
ALXG180-1T1-B042	kgf	40.30	54.46	68.61	82.77	111.07	(2.83)
ALXG180-2T1-B042	kgf	62.03	76.19	90.34	104.50	132.81	(2.83)

CAUTION

Please be careful of surrounding interference when it is returning to origin because of the slide moves to ME.
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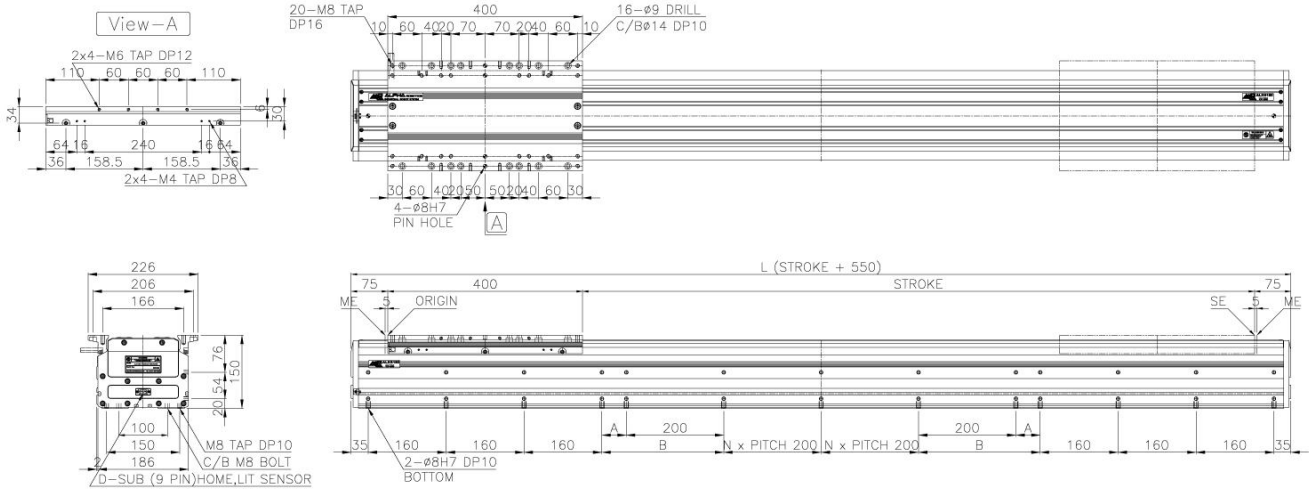
Model / Peak Force	ALXG180-1T1 B014 140N	ALXG180-1T2 B014 140N	ALXG180-1T1 B028 280N	ALXG180-1T2 B028 280N	ALXG180-1T1 B042 420N	ALXG180-1T2 B042 420N

Specification	Unit	Data
ALXG180-1T2-B042		ALXG180-2T2-B042
		
Rated Force	N	140
Peak Force	N	420
Resolution	㎛	Note1 0.1 ~ 40
Max. Speed	mm/sec	Note2 2500
Max. Stroke	mm	2500
Max. Load	kgf	Note3 100
LM Guide	-	NO 20, 2Rail 6Block

Specification		Unit	Data			
Acceleration		G	0.3	0.5	0.7	1.0
Load		kgf	81	49	34	22
Allowable Overhang Distance - mm	Horizontal Use	0°	375	610	850	1000
		45°	375	600	830	1000
		90°	1000	1000	1000	1000
	Wall Installation Use	0°	955	1000	1000	1000
		45°	400	645	900	1000
		90°	282	455	628	954
	Note4 Vertical Use	0°	1000	1000	1000	1000
		45°	535	810	1000	1000
		90°	1000	1000	1000	1000
Note5	Estimated Condition	Max Speed : 2000 mm/sec Waiting Time : 0 sec		Life Time : 15000 hr Stroke : 2000 mm		

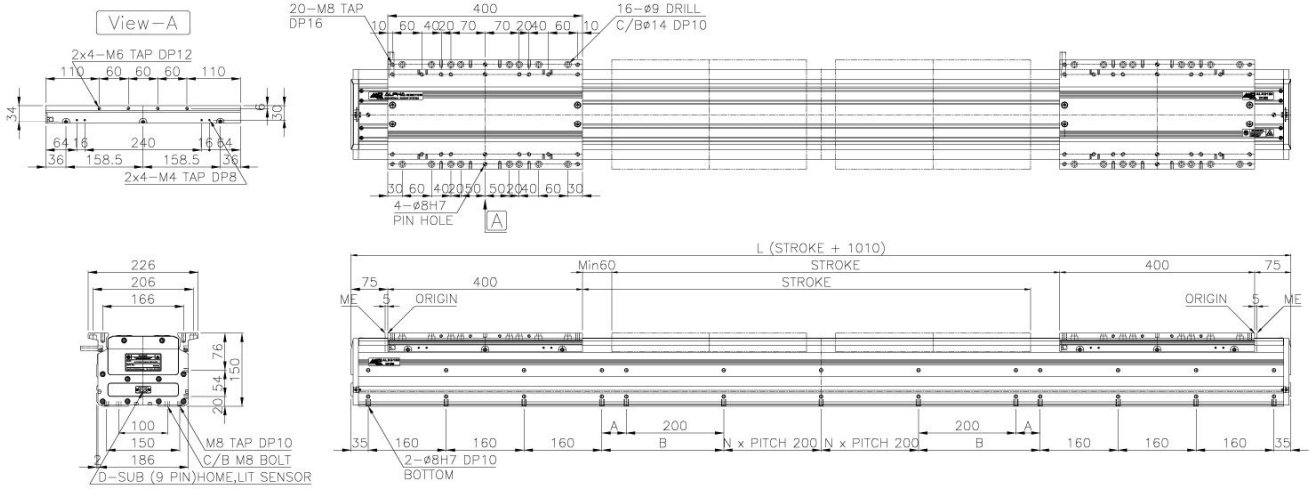
ALXG180-1T2

* All dimensions in mm



ALXG180-2T2

* All dimensions in mm



Model \ Stroke	Units	500	1000	1500	2000	3000	Offset(100)
ALXG180-1T2-B042	kgf	40.30	54.46	68.61	82.77	111.07	(2.83)
ALXG180-2T2-B042	kgf	62.03	76.19	90.34	104.50	132.81	(2.83)

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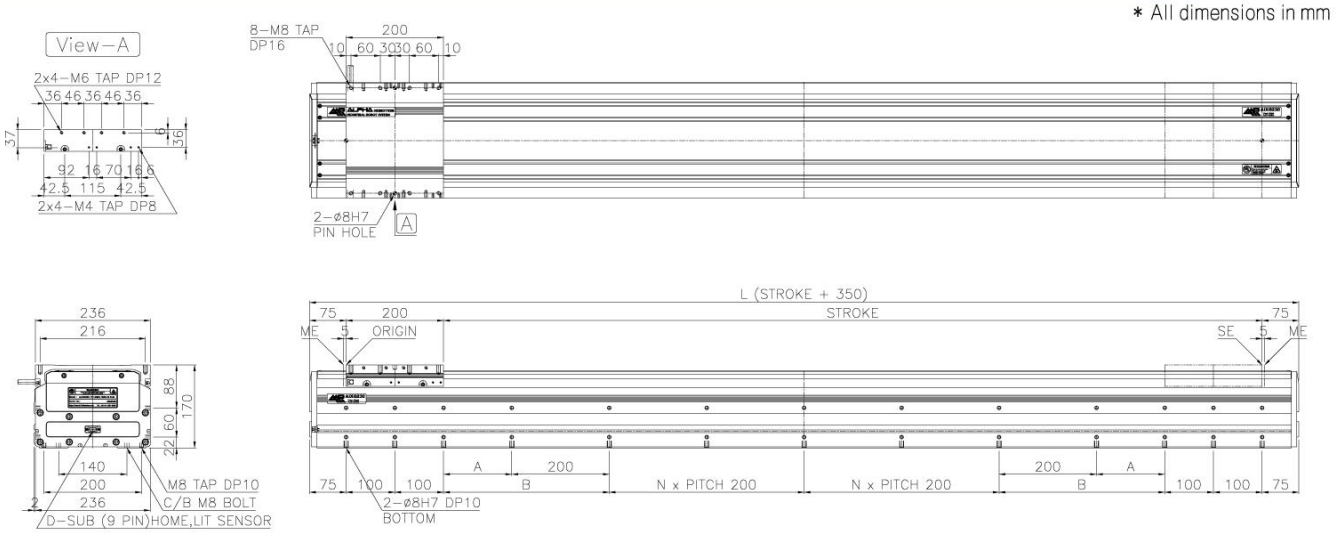
Model / Peak Force	ALXG230-1T1 B022 220N	ALXG230-1T2 B022 220N	ALXG230-1T1 B044 440N	ALXG230-1T2 B044 440N	ALXG230-1T1 B066 660N	ALXG230-1T2 B066 660N		

Specification	Unit	Data
ALXG230-1T1-B022		ALXG230-2T1-B022
Rated Force	N	73
Peak Force	N	220
Resolution	㎛	Note1 0.1 ~ 40
Max. Speed	mm/sec	Note2 2500
Max. Stroke	mm	3000
Max. Load	kgf	Note3 140
LM Guide	-	NO 25, 2Rail 4Block

Specification		Unit	Data			
Acceleration		G	0.3	0.5	0.7	1.0
Load		kgf	36	21	14	8
Allowable Overhang Distance - mm	Horizontal Use	0°	1200	1200	1200	1200
		45°	1200	1200	1200	1200
		90°	1200	1200	1200	1200
	Wall Installation Use	0°	1140	1200	1200	1200
		45°	1200	1200	1200	1200
		90°	675	1078	1200	1200
	Note4 Vertical Use	0°	1200	1200	1200	1200
		45°	600	950	1200	1200
		90°	1200	1200	1200	1200
Note5	Estimated Condition	Max Speed : 2000 mm/sec Waiting Time : 0 sec		Life Time : 15000 hr Stroke : 2000 mm		

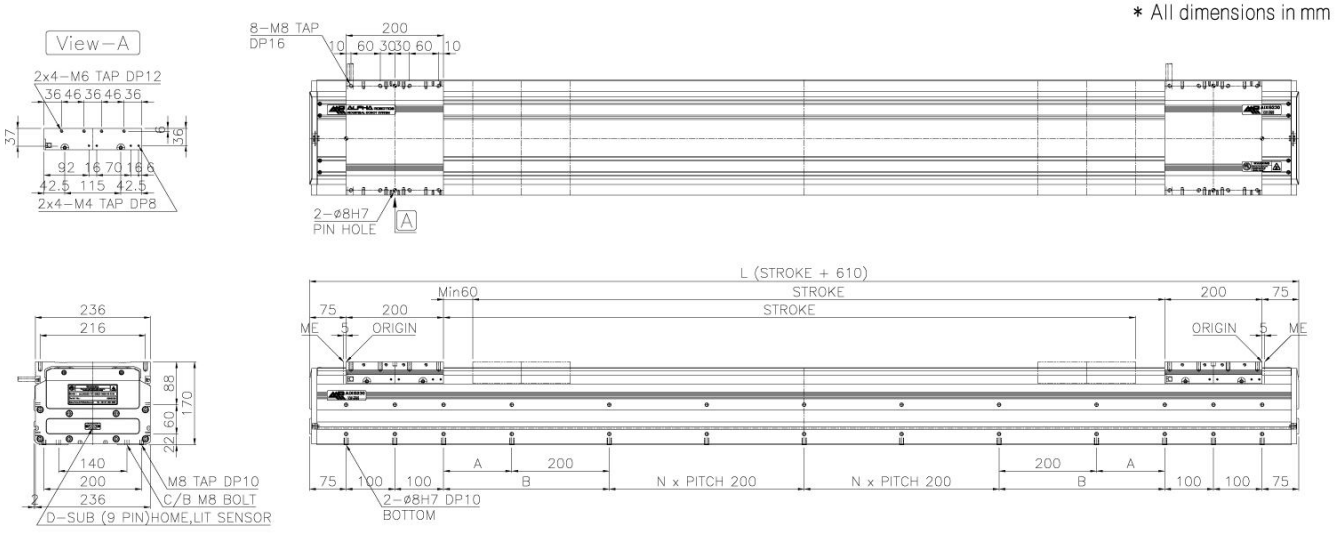
ALXG230-1T1

* All dimensions in mm



ALXG230-2T1

* All dimensions in mm



Model / Stroke	Units	500	1000	1500	2000	3000	Offset(100)
ALXG230-1T1-B022	kgf	40.54	58.69	76.83	94.98	131.27	(3.63)
ALXG230-2T1-B022	kgf	56.91	75.06	93.21	111.36	147.65	(3.63)

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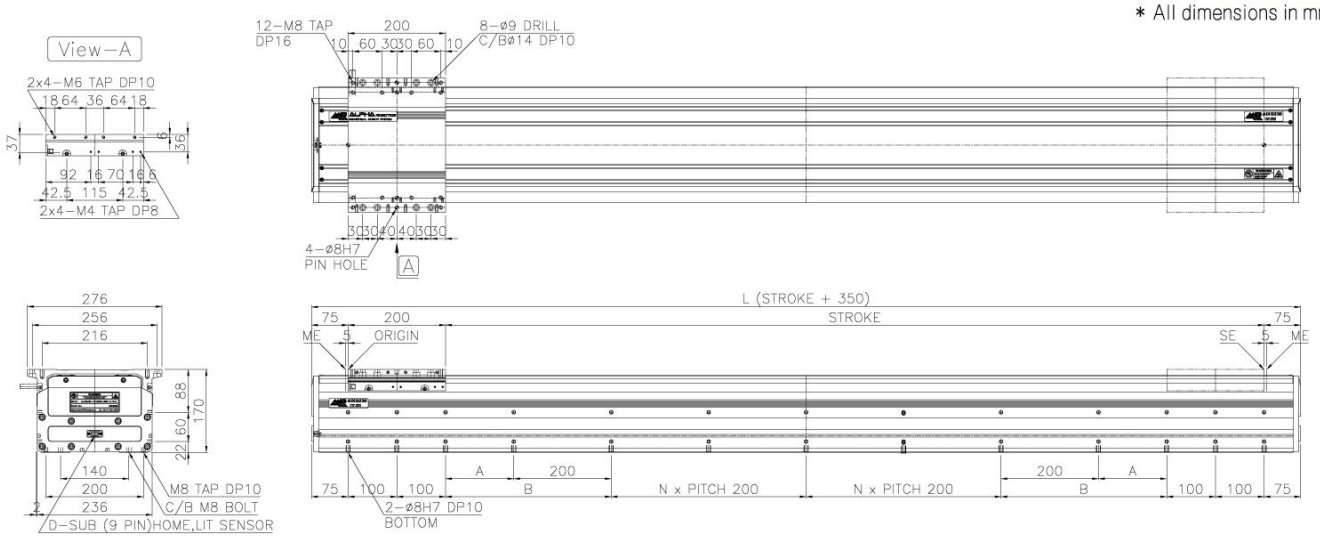
Model / Peak Force	ALXG230-1T1 B022 220N	ALXG230-1T2 B022 220N	ALXG230-1T1 B044 440N	ALXG230-1T2 B044 440N	ALXG230-1T1 B066 660N	ALXG230-1T2 B066 660N		

Specification	Unit	Data
ALXG230-1T2-B022		ALXG230-2T2-B022
		
Rated Force	N	73
Peak Force	N	220
Resolution	㎛	Note1 0.1 ~ 40
Max. Speed	mm/sec	Note2 2500
Max. Stroke	mm	3000
Max. Load	kgf	Note3 140
LM Guide	-	NO 25, 2Rail 4Block

Specification		Unit	Data			
Acceleration		G	0.3	0.5	0.7	1.0
Load		kgf	36	21	14	8
Allowable Overhang Distance - mm	Horizontal Use	0°	1200	1200	1200	1200
		45°	1200	1200	1200	1200
		90°	1200	1200	1200	1200
	Wall Installation Use	0°	1140	1200	1200	1200
		45°	1200	1200	1200	1200
		90°	675	1078	1200	1200
	Note4 Vertical Use	0°	1200	1200	1200	1200
		45°	600	950	1200	1200
		90°	1200	1200	1200	1200
Note5	Estimated Condition	Max Speed : 2000 mm/sec Waiting Time : 0 sec		Life Time : 15000 hr Stroke : 2000 mm		

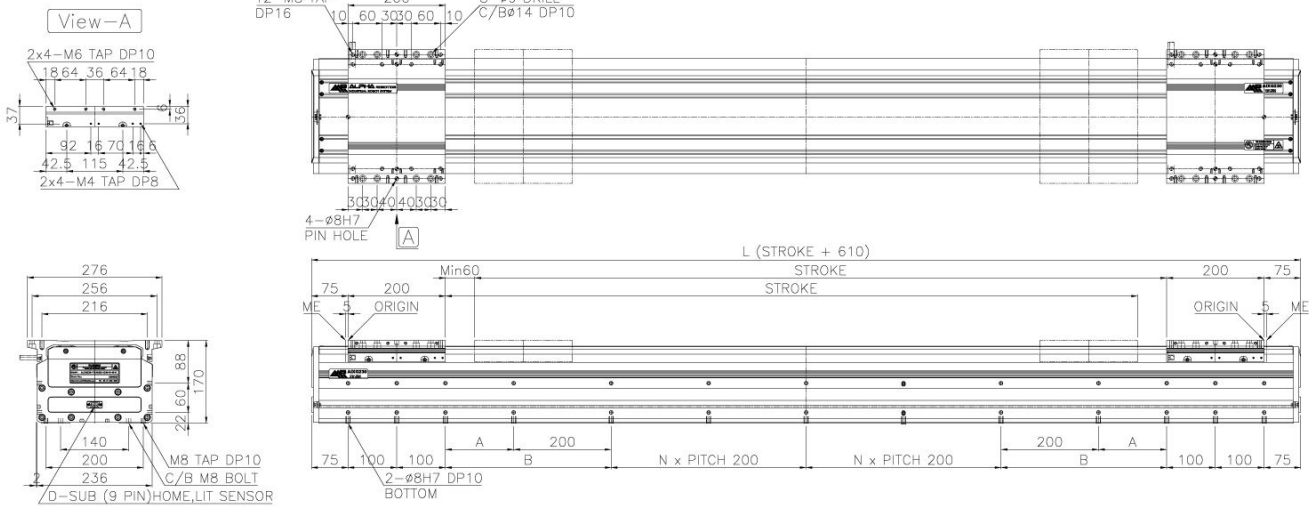
ALXG230-1T2

* All dimensions in mm



ALXG230-2T2

* All dimensions in mm



Model \ Stroke	Units	500	1000	1500	2000	3000	Offset(100)
ALXG230-1T2-B022	kgf	40.54	58.69	76.83	94.98	131.27	(3.63)
ALXG230-2T2-B022	kgf	56.91	75.06	93.21	111.36	147.65	(3.63)

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

Apply 'B' value, in case of 'A' value is below of 80

NOTE1 It is differed by the drive specification, the maximum speed and using conditions.
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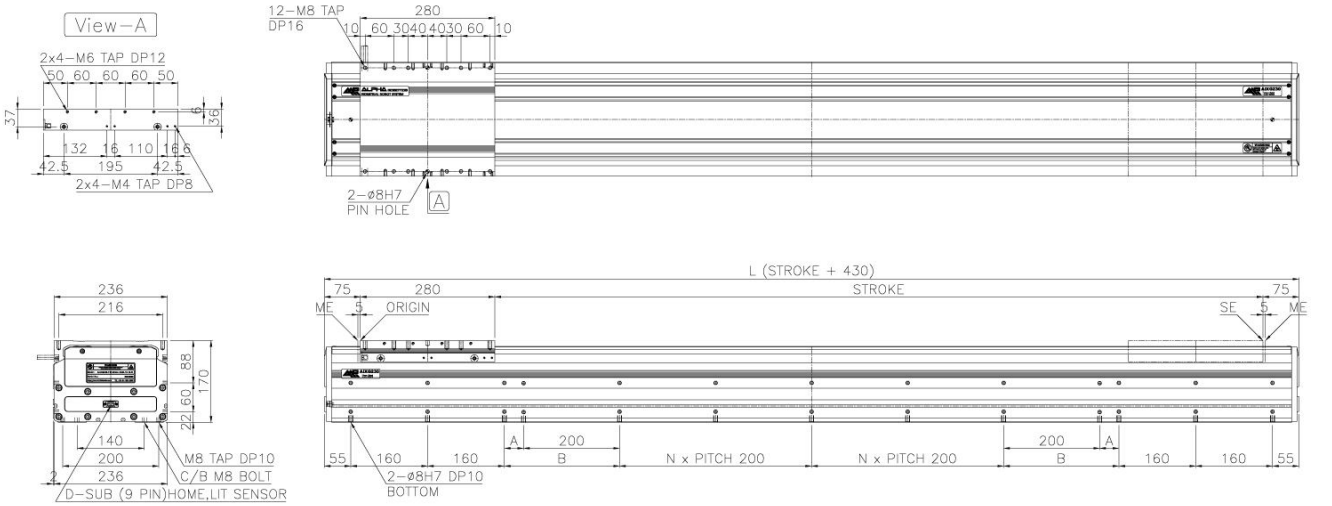
Model / Peak Force							
	ALXG230-1T1 B022 220N	ALXG230-1T2 B022 220N	**ALXG230-1T1 B044 440N**	ALXG230-1T2 B044 440N	ALXG230-1T1 B066 660N	ALXG230-1T2 B066 660N	

Specification	Unit	Data
ALXG230-1T1-B044		ALXG230-2T1-B044
		
Rated Force	N	147
Peak Force	N	440
Resolution	㎛	Note1 0.1 ~ 40
Max. Speed	mm/sec	Note2 2500
Max. Stroke	mm	3000
Max. Load	kgf	Note3 140
LM Guide	-	NO 25, 2Rail 4Block

Specification		Unit	Data			
Acceleration		G	0.3	0.5	0.7	1.0
Load		kgf	86	52	36	24
Allowable Overhang Distance - mm	Horizontal Use	0°	610	970	1200	1200
		45°	590	920	1200	1200
		90°	1200	1200	1200	1200
	Wall Installation Use	0°	755	1189	1200	1200
		45°	695	1102	1200	1200
		90°	360	574	785	1156
	Note4 Vertical Use	0°	850	1200	1200	1200
		45°	425	645	860	1200
		90°	855	1200	1200	1200
Note5	Estimated Condition	Max Speed : 2000 mm/sec Waiting Time : 0 sec		Life Time : 15000 hr Stroke : 2000 mm		

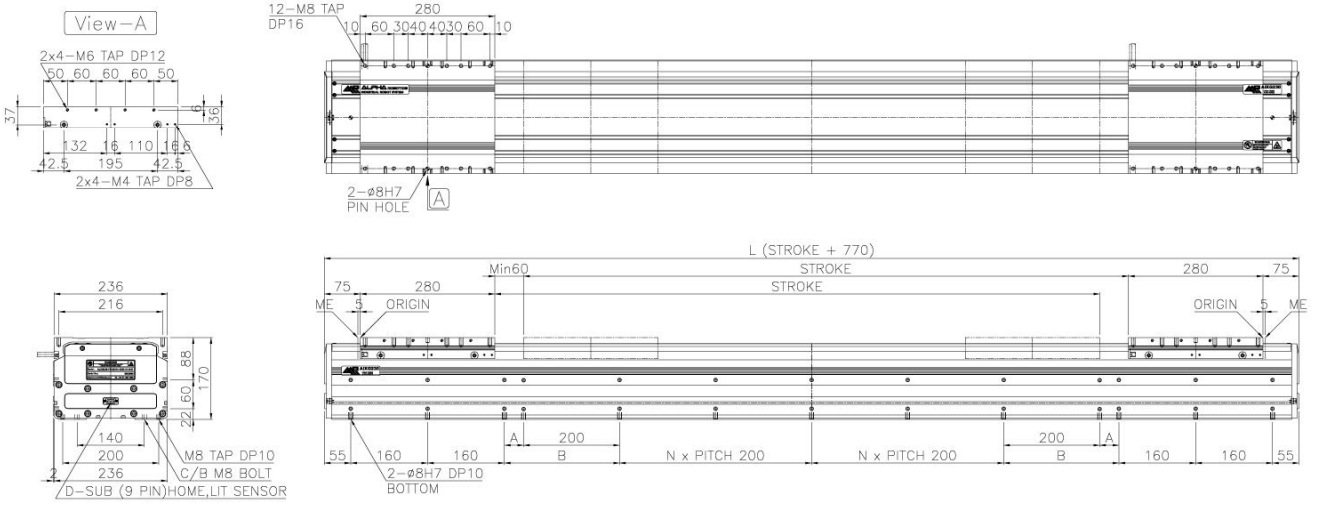
ALXG230-1T1

* All dimensions in mm



ALXG230-2T1

* All dimensions in mm



Model / Stroke	Units	500	1000	1500	2000	3000	Offset(100)
ALXG230-1T1-B044	kgf	45.41	63.56	81.71	99.85	136.15	(3.63)
ALXG230-2T1-B044	kgf	66.66	84.81	102.96	121.10	157.40	(3.63)

CAUTION

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ME : Mechanical End
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Apply 'B' value, in case of 'A' value is below of 80

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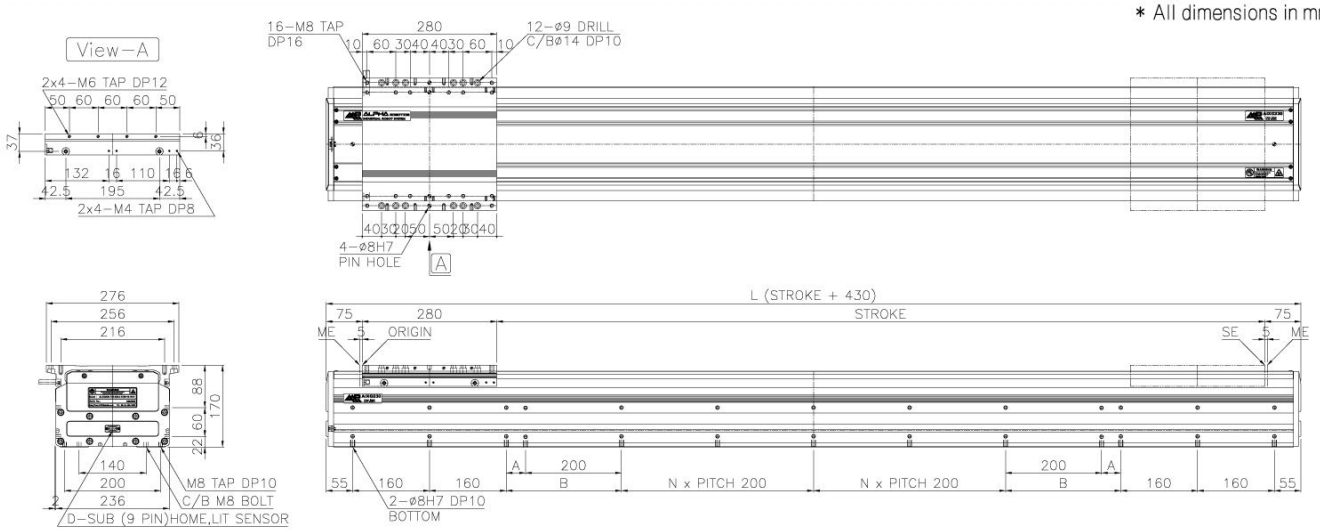
Model / Peak Force	ALXG230-1T1 B022 220N	ALXG230-1T2 B022 220N	ALXG230-1T1 B044 440N	ALXG230-1T2 B044 440N	ALXG230-1T1 B066 660N	ALXG230-1T2 B066 660N		

Specification	Unit	Data
ALXG230-1T2-B044		ALXG230-2T2-B044
		
Rated Force	N	147
Peak Force	N	440
Resolution	㎛	Note1 0.1 ~ 40
Max. Speed	mm/sec	Note2 2500
Max. Stroke	mm	3000
Max. Load	kgf	Note3 140
LM Guide	-	NO 25, 2Rail 4Block

Specification		Unit	Data			
Acceleration		G	0.3	0.5	0.7	1.0
Load		kgf	86	52	36	24
Allowable Overhang Distance - mm	Horizontal Use	0°	610	970	1200	1200
		45°	590	920	1200	1200
		90°	1200	1200	1200	1200
	Wall Installation Use	0°	755	1189	1200	1200
		45°	695	1102	1200	1200
		90°	360	574	785	1156
	Note4 Vertical Use	0°	850	1200	1200	1200
		45°	425	645	860	1200
		90°	855	1200	1200	1200
Note5	Estimated Condition	Max Speed : 2000 mm/sec Waiting Time : 0 sec		Life Time : 15000 hr Stroke : 2000 mm		

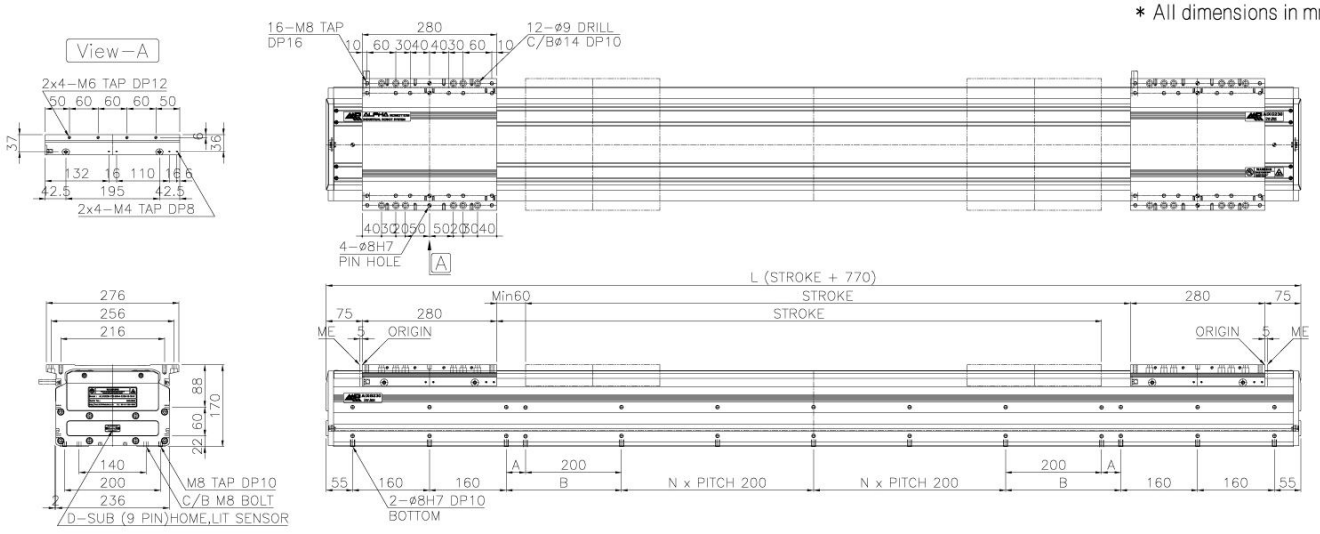
ALXG230-1T2

* All dimensions in mm



ALXG230-2T2

* All dimensions in mm



Model \ Stroke	Units	500	1000	1500	2000	3000	Offset(100)
ALXG230-1T2-B044	kgf	45.41	63.56	81.71	99.85	136.15	(3.63)
ALXG230-2T2-B044	kgf	66.66	84.81	102.96	121.10	157.40	(3.63)

CAUTION

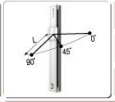
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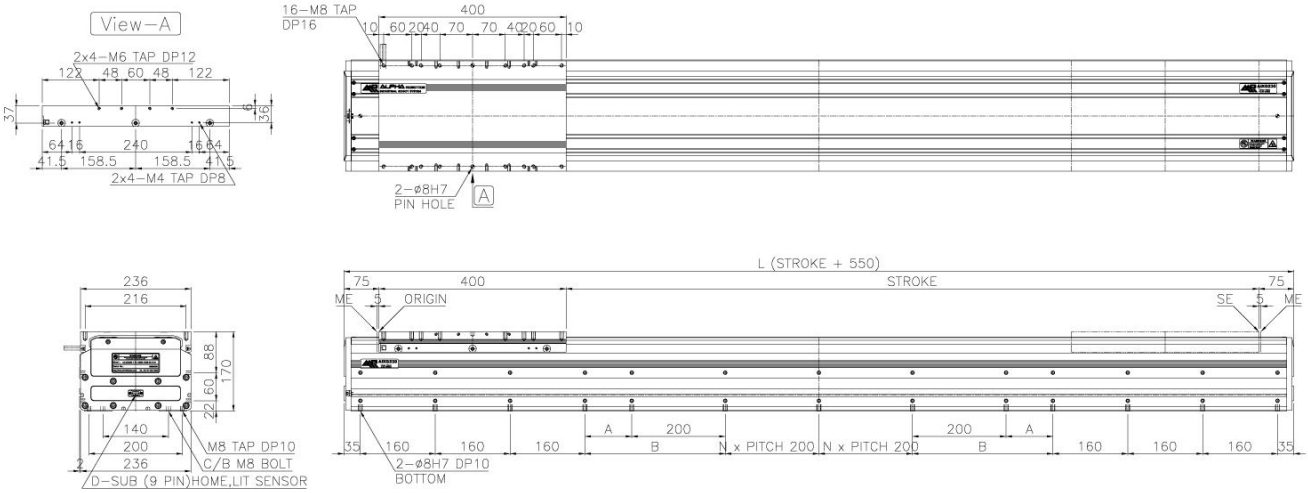
Model / Peak Force							
	ALXG230-1T1 B022 220N	ALXG230-1T2 B022 220N	ALXG230-1T1 B044 440N	ALXG230-1T2 B044 440N	**ALXG230-1T1 B066 660N**	ALXG230-1T2 B066 660N	

Specification	Unit	Data
ALXG230-1T1-B066		ALXG230-2T1-B066
		
Rated Force	N	220
Peak Force	N	660
Resolution	㎛	Note1 0.1 ~ 40
Max. Speed	mm/sec	Note2 2500
Max. Stroke	mm	3000
Max. Load	kgf	Note3 150
LM Guide	-	NO 25, 2Rail 6Block

Specification		Unit	Data			
Acceleration		G	0.3	0.5	0.7	1.0
Load		kgf	129	78	55	36
Allowable Overhang Distance - mm	Horizontal Use 	0°	430	700	970	1200
		45°	425	680	935	1200
		90°	1200	1200	1200	1200
	Wall Installation Use 	0°	810	1200	1200	1200
		45°	470	755	1054	1200
		90°	300	475	658	975
	Note4 Vertical Use 	0°	920	1200	1200	1200
		45°	460	690	920	1200
		90°	920	1200	1200	1200
Note5	Estimated Condition		Max Speed : 2000 mm/sec Life Time : 15000 hr Waiting Time : 0 sec Stroke : 2000 mm			

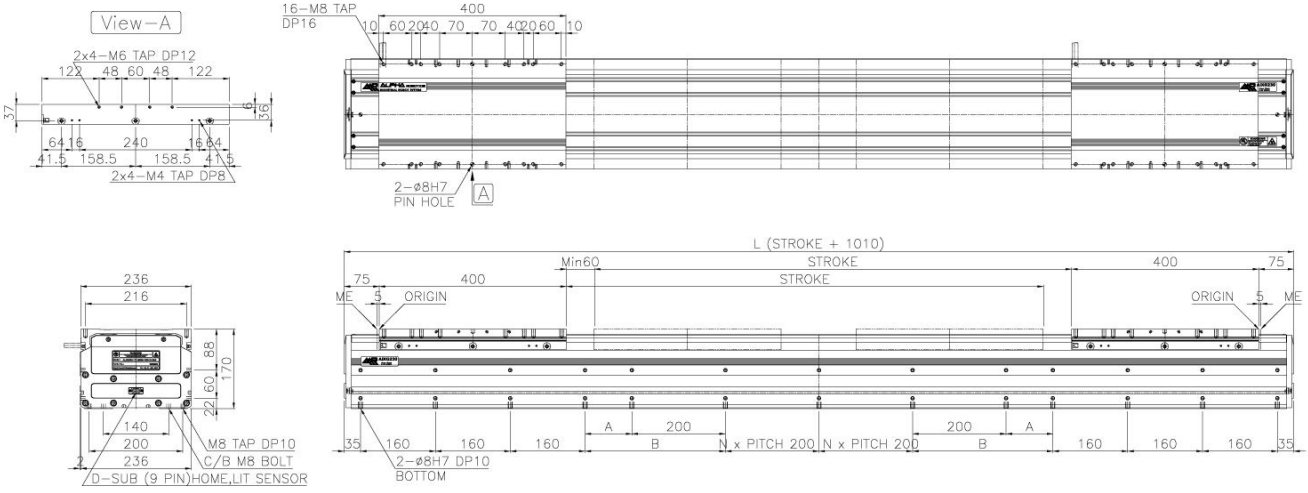
ALXG230-1T1

* All dimensions in mm



ALXG230-2T1

* All dimensions in mm



Model \ Stroke	Units	500	1000	1500	2000	3000	Offset(100)
ALXG230-1T1-B066	kgf	53.64	71.78	89.93	108.08	144.37	(3.63)
ALXG230-2T1-B066	kgf	83.11	101.26	119.41	137.55	173.85	(3.63)

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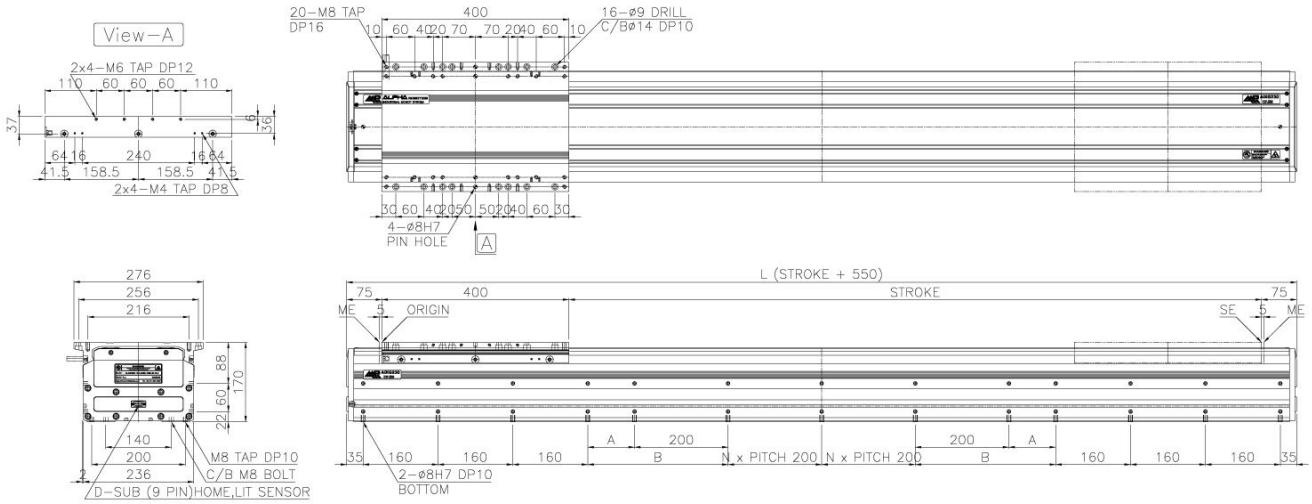
Model / Peak Force	ALXG230-1T1 B022 220N	ALXG230-1T2 B022 220N	ALXG230-1T1 B044 440N	ALXG230-1T2 B044 440N	ALXG230-1T1 B066 660N	ALXG230-1T2 B066 660N

Specification	Unit	Data
ALXG230-1T2-B066		ALXG230-2T2-B066
		
Rated Force	N	220
Peak Force	N	660
Resolution	㎛	Note1 0.1 ~ 40
Max. Speed	mm/sec	Note2 2500
Max. Stroke	mm	3000
Max. Load	kgf	Note3 150
LM Guide	-	NO 25, 2Rail 6Block

Specification		Unit	Data			
Acceleration		G	0.3	0.5	0.7	1.0
Load		kgf	129	78	55	36
Allowable Overhang Distance - mm	Horizontal Use	0°	430	700	970	1200
		45°	425	680	935	1200
		90°	1200	1200	1200	1200
	Wall Installation Use	0°	810	1200	1200	1200
		45°	470	755	1054	1200
		90°	300	475	658	975
	Note4 Vertical Use	0°	920	1200	1200	1200
		45°	460	690	920	1200
		90°	920	1200	1200	1200
Note5	Estimated Condition	Max Speed : 2000 mm/sec Waiting Time : 0 sec		Life Time : 15000 hr Stroke : 2000 mm		

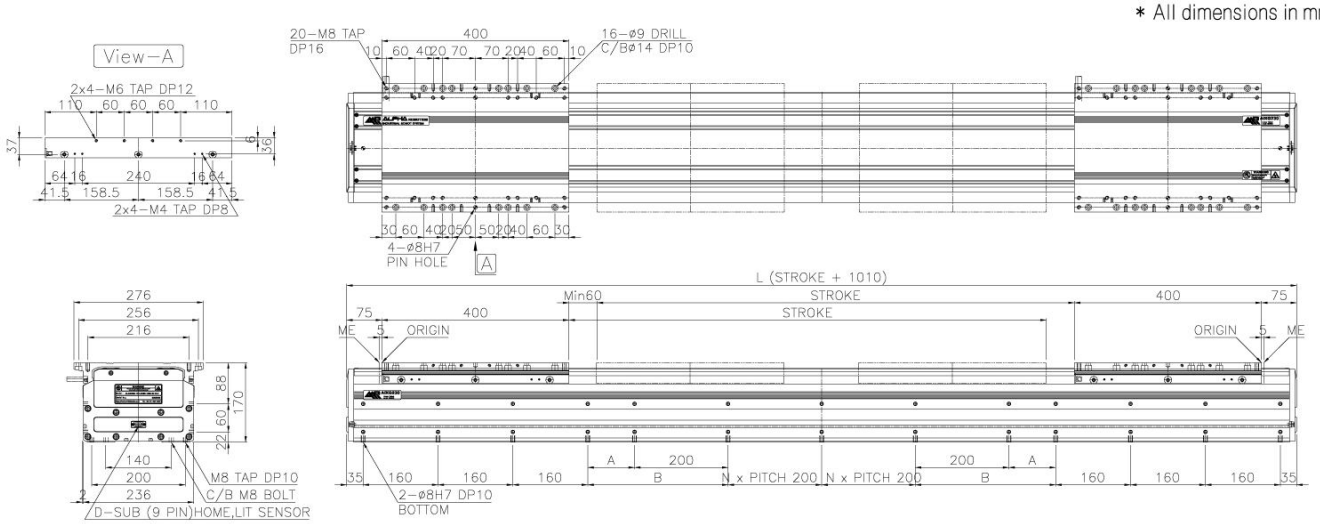
ALXG230-1T2

* All dimensions in mm



ALXG230-2T2

* All dimensions in mm



Model \ Stroke	Units	500	1000	1500	2000	3000	Offset(100)
ALXG230-1T2-B066	kgf	53.64	71.78	89.93	108.08	144.37	(3.63)
ALXG230-2T2-B066	kgf	83.11	101.26	119.41	137.55	173.85	(3.63)

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