

Model Description

CXN50/CXC50-S Series

Material	Drive Type	Accuracy Level	Wiring Method	Motor Model	Connector Type
S Stainless Steel	2 Ball screw	N Standard grade	N GMT Standard	N 2-phase stepper X Not equipped	D D-SUB15 (VGA)

CXN 50 30 - S 2 N N - N D - P1 2 C

Axis & Serial Numbers	Table Size	Stroke	Pitch	Connecting Cable (Optional)	Driver (Optional)
CXN X-Axis CXC X-Axis (w/dustproof cover)	50 50*50mm	30 30mm 50 50mm 75 75mm	P1 1mm P2 2mm	Blank Not equipped 2 2m cable 4 4m cable	Blank Not equipped C Standard specified by GMT

Model No.		CXN5030-S2NN-ND-P1	CXN5030-S2NN-ND-P2	CXN5050-S2NN-ND-P1	CXN5050-S2NN-ND-P2	CXN5075-S2NN-ND-P1	CXN5075-S2NN-ND-P2	
		CXC5030-S2NN-ND-P1	CXC5030-S2NN-ND-P2	CXC5050-S2NN-ND-P1	CXC5050-S2NN-ND-P2	CXC5075-S2NN-ND-P1	CXC5075-S2NN-ND-P2	
Mechanical Specifications	Table Size	50X50 mm						
	Travel Stroke	30 mm		50 mm		75 mm		
	Drive Type	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	
	Rail	Circular Linear ball guiding						
	Stage Material / Surface Treatment	Stainless Steel / Nickel plating						
	Main Unit Weight	N : 0.97 Kg / C : 1.06 Kg		N : 1.1 Kg / C : 1.17 Kg		N : 1.24 Kg / C : 1.29 Kg		
	Coupling	FAMCS11.6-5*5						
Precision Specifications	Accuracy Level	N : Standard grade						
	Wiring Method	N : GMT Standard						
	Resolution (Pulse)	Full / Half	5 µm / 2.5 µm	10 µm / 5 µm	5 µm / 2.5 µm	10 µm / 5 µm	5 µm / 2.5 µm	10 µm / 5 µm
	Maximum Speed (Full Step)		20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec
	Positioning Precision		15 µm					
	Repeatability Precision		±1 µm					
	Load Capacity		10 Kg					
	Missed Step		3 µm					
	Parallelism		15 µm					
Electrical Specifications	Dynamic Straightness		3 µm					
	Dynamic Parallelism		10 µm					
	Motor	Type / Shaft Numbers	2-phase stepper / □28 double shafts (NEMA11)					
		Brand / Model	GMT / 2MS-N28D32A					
	Connector	Driver Brand / Model	GMT / GTR22G-D (Additional options)					
		Stage Side Connector	15-pin male end connector D-SUB					
Sensor	Controller Side Connector	15-pin female end connector D-SUB (optional)						
	Origin Sensor	Photoelectric sensor EE-SX4134						
	Limit Sensor							
	Power Voltage	24V±10%						
	Control Output	NPN open collector output under 24V 8mA						
Output Control	Testing (sensing) : output transistor OFF (closed)							

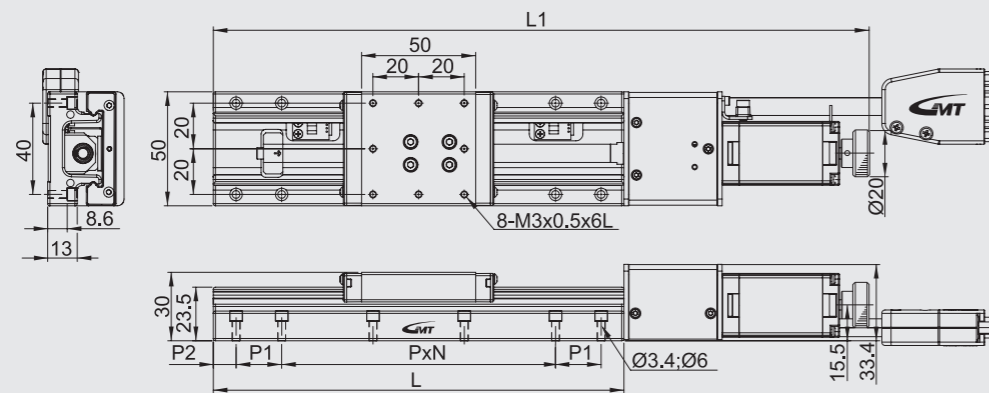
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 ©GMT Standard Motorized Stage series is equipped with D-SUB connector as the standard one which is available to be changed to HRS or NJC on request as per reference stated on P.0492.
 ©In case HRS connection cable is required, please consult to your regional sales.

X-Axis



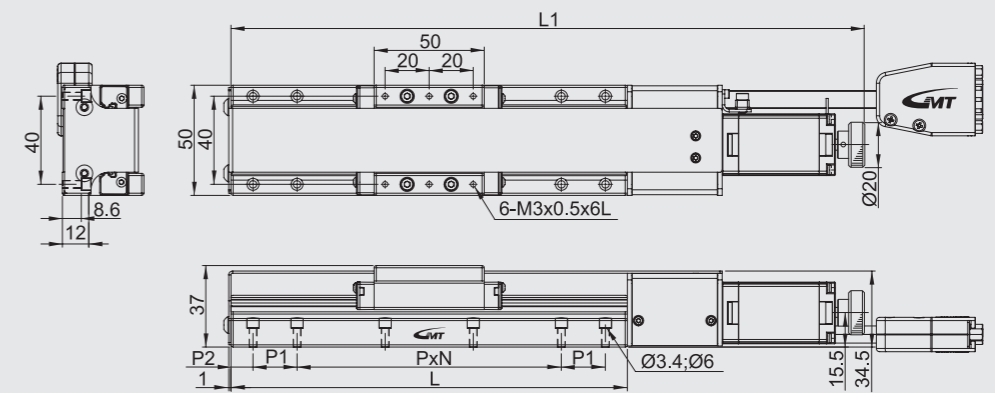
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CXN50□-S2NN-ND



Stroke	L	L1	P	N	P1	P2
30	110	197.5	40	1	20	15
50	130	217.5	40	1	40	5
75	155	242.5	40	1	40	17.5

CXC50□-S2NN-ND



Stroke	L	L1	P	N	P1	P2
30	110	197.5	40	1	20	15
50	130	217.5	40	1	40	5
75	155	242.5	40	1	40	17.5

Model Description

CXN50/CXC50-S Series

Material	Drive Type	Accuracy Level	Wiring Method	Motor Model	Connector Type
S Stainless Steel	2 Ball screw	N Standard grade	N GMT Standard	N 2-phase stepper X Not equipped	D D-SUB15 (VGA)

CXN 50 100 - S 2 N N - N D - P1 2 C

Axis & Serial Numbers	Table Size	Stroke	Pitch	Connecting Cable (Optional)	Driver (Optional)
CXN X-Axis CXC X-Axis (w/dustproof cover)	50 50*50mm	100 100mm 150 150mm 200 200mm	P1 1mm P2 2mm	Blank Not equipped 2 2m cable 4 4m cable	Blank Not equipped C Standard specified by GMT

Model No.		CXN50100-S2NN-ND-P1	CXN50100-S2NN-ND-P2	CXN50150-S2NN-ND-P1	CXN50150-S2NN-ND-P2	CXN50200-S2NN-ND-P1	CXN50200-S2NN-ND-P2	
		CXC50100-S2NN-ND-P1	CXC50100-S2NN-ND-P2	CXC50150-S2NN-ND-P1	CXC50150-S2NN-ND-P2	CXC50200-S2NN-ND-P1	CXC50200-S2NN-ND-P2	
Mechanical Specifications	Table Size	50X50 mm						
	Travel Stroke	100 mm			150 mm		200 mm	
	Drive Type	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	
	Rail	Circular Linear ball guiding						
	Stage Material / Surface Treatment	Stainless Steel / Nickel plating						
	Main Unit Weight	N : 1.35 Kg / C : 1.39 Kg		N : 1.5 Kg / C : 1.82 Kg		N : 1.76 Kg / C : 2.02 Kg		
	Coupling	FAMCS11.6-5*5						
Precision Specifications	Accuracy Level	N : Standard grade						
	Wiring Method	N : GMT Standard						
	Resolution (Pulse)	Full / Half	5 µm / 2.5 µm	10 µm / 5 µm	5 µm / 2.5 µm	10 µm / 5 µm	5 µm / 2.5 µm	10 µm / 5 µm
	Maximum Speed (Full Step)		20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec
	Positioning Precision		15 µm		20 µm			
	Repeatability Precision		±1 µm					
	Load Capacity		10 Kg					
	Missed Step		3 µm					
	Parallelism		20 µm					
	Dynamic Straightness		5 µm					
Electrical Specifications	Dynamic Parallelism		10 µm		15 µm		20 µm	
	Motor	Type / Shaft Numbers	2-phase stepper / □28 double shafts (NEMA11)					
		Brand / Model	GMT / 2MS-N28D45A					
		Driver Brand / Model	GMT / GTR22G-D (Additional options)					
	Connector	Stage Side Connector	15-pin male end connector D-SUB					
		Controller Side Connector	15-pin female end connector D-SUB (optional)					
	Sensor	Origin Sensor	Photoelectric sensor EE-SX4134					
		Limit Sensor	Photoelectric sensor EE-SX4134					
		Origin Approximation Sensor	N / A					
		Power Voltage	24V±10%					
Control Output		NPN open collector output under 24V 8mA						
	Output Control	Testing (sensing) : output transistor OFF (closed)						

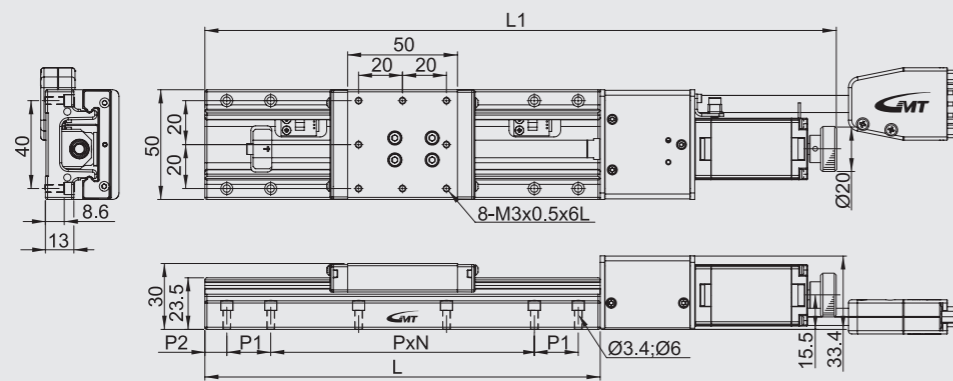
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 ©In case HRS connection cable is required, please consult to your regional sales.

X-Axis



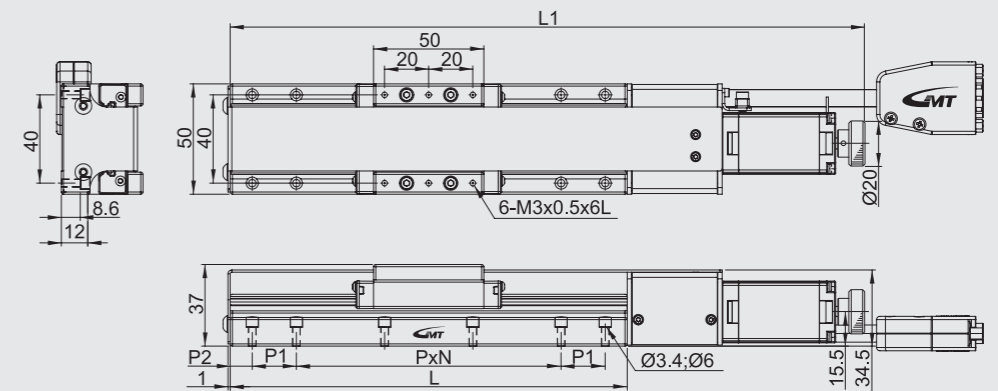
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CXN50□-S2NN-ND



Stroke	L	L1	P	N	P1	P2
100	180	280.5	40	3	20	10
150	230	330.5	40	3	40	15
200	280	380.5	40	5	20	20

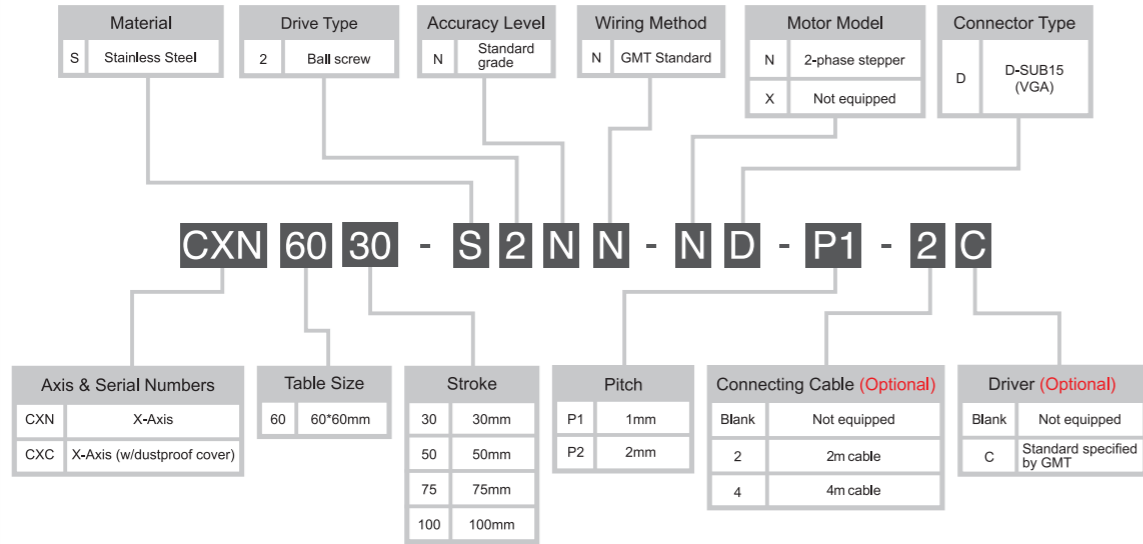
CXC50□-S2NN-ND



Stroke	L	L1	P	N	P1	P2
100	180	280.5	40	3	20	10
150	230	330.5	40	3	40	15
200	280	380.5	40	5	20	20

Model Description

CXN60/CXC60-S series



Model No.		CXN6030-S2NN-ND-P1	CXN6030-S2NN-ND-P2	CXN6050-S2NN-ND-P1	CXN6050-S2NN-ND-P2	CXN6075-S2NN-ND-P1	CXN6075-S2NN-ND-P2	CXN60100-S2NN-ND-P1	CXN60100-S2NN-ND-P2	
		CXC6030-S2NN-ND-P1	CXC6030-S2NN-ND-P2	CXC6050-S2NN-ND-P1	CXC6050-S2NN-ND-P2	CXC6075-S2NN-ND-P1	CXC6075-S2NN-ND-P2	CXC60100-S2NN-ND-P1	CXC60100-S2NN-ND-P2	
Mechanical Specifications	Table Size	60X60 mm								
	Travel Stroke	30 mm		50 mm		75 mm		100 mm		
	Drive Type	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	
	Rail	Circular Linear ball guiding								
	Stage Material / Surface Treatment	Stainless Steel / Nickel plating								
	Main Unit Weight	N : 1.1 Kg / C : 1.29 Kg		N : 1.19 Kg / C : 1.33 Kg		N : 1.3 Kg / C : 1.44 Kg		N : 1.47 Kg / C : 1.61 Kg		
	Coupling	FAMCS11.6-5*5								
Accuracy Level	N : Standard grade									
Wiring Method	N : GMT Standard									
Precision Specifications	Resolution (Pulse)	Full / Half	5 µm / 2.5 µm	10 µm / 5 µm	5 µm / 2.5 µm	10 µm / 5 µm	5 µm / 2.5 µm	10 µm / 5 µm	5 µm / 2.5 µm	
	Maximum Speed (Full Step)		20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	20 mm / sec	
	Positioning Precision		15 µm							
	Repeatability Precision		±1 µm							
	Load Capacity		14 Kgf							
	Missed Step		3 µm							
	Parallelism		20 µm							
	Dynamic Straightness		3 µm							
Dynamic Parallelism		10 µm								
Electrical Specifications	Motor	Type / Shaft Numbers	2-phase stepper / □28 double shafts (NEMA11)							
		Brand / Model	GMT / 2MS-N28D32A							
		Driver Brand / Model	GMT / GTR22G-D (Additional options)							
	Connector	Stage Side Connector	15-pin male end connector D-SUB							
		Controller Side Connector	15-pin female end connector D-SUB (optional)							
	Sensor	Origin Sensor	Photoelectric sensor EE-SX4134							
		Limit Sensor								
Origin Approximation Sensor		N / A								
Power Voltage		24V±10%								
Control Output		NPN open collector output under 24V 8mA								
	Output Control	Testing (sensing) : output transistor OFF (closed)								

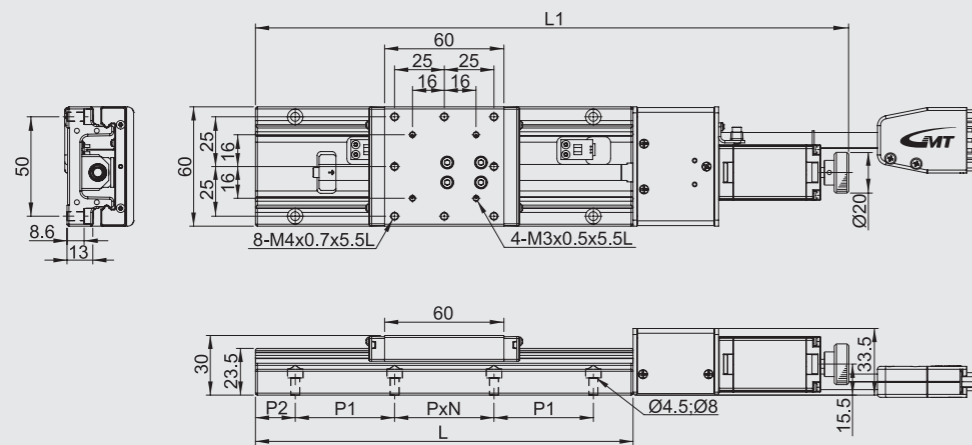
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X-Axis



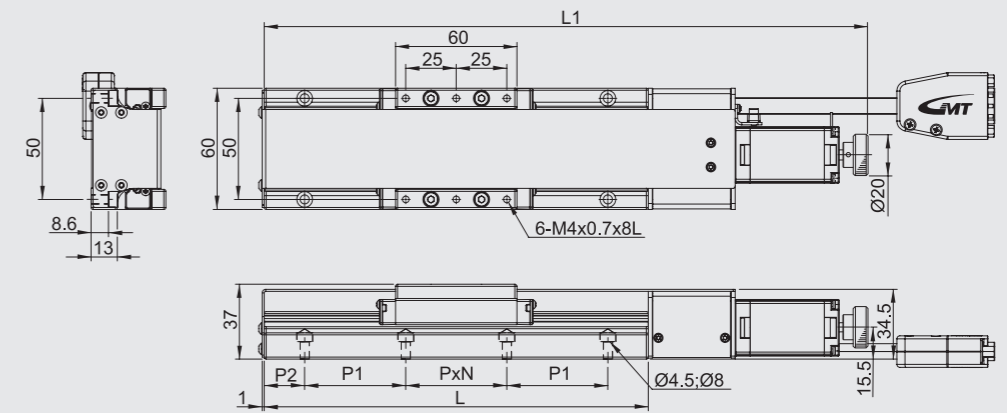
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CXN60□-S2NN-ND



Stroke	L	L1	P	N	P1	P2
30	120	207.5	50	1	25	10
50	140	227.5	50	1	25	20
75	165	252.5	50	1	50	7.5
100	190	290.5	50	1	50	20

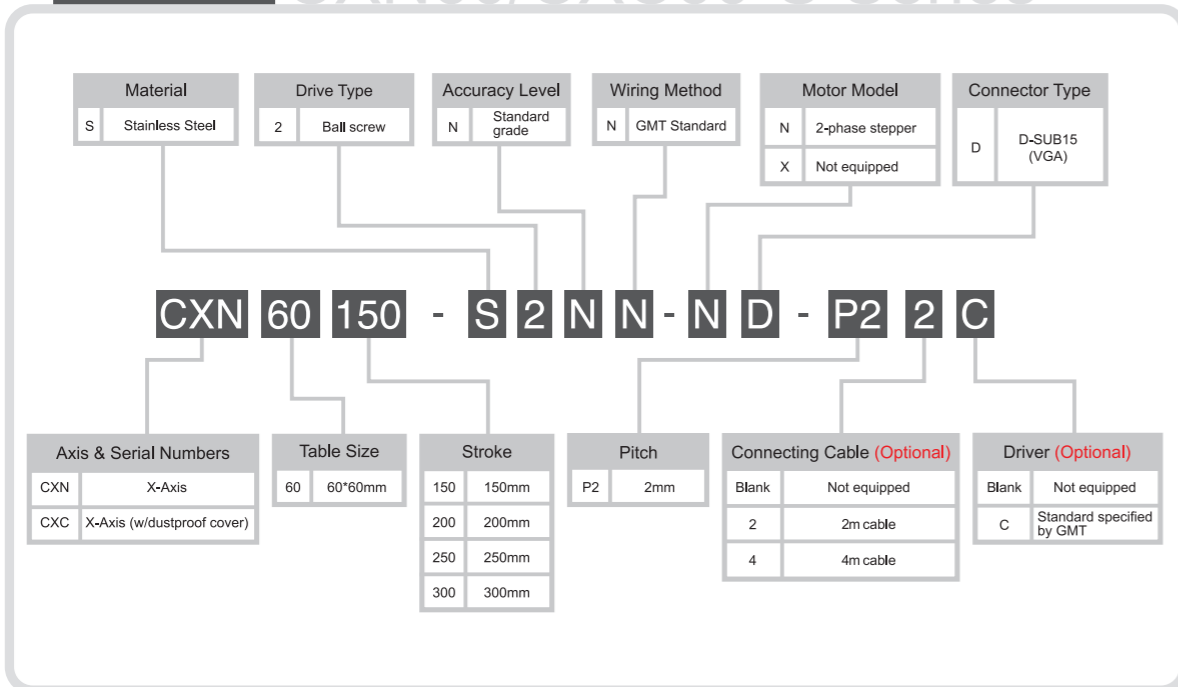
CXC60□-S2NN-ND



Stroke	L	L1	P	N	P1	P2
30	120	207.5	50	1	25	10
50	140	227.5	50	1	25	20
75	165	252.5	50	1	50	7.5
100	190	290.5	50	1	50	20

Model Description

CXN60/CXC60-S Series



Model No.		CXN60150-S2NN-ND-P2	CXN60200-S2NN-ND-P2	CXN60250-S2NN-ND-P2	CXN60300-S2NN-ND-P2	
		CXC60150-S2NN-ND-P2	CXC60200-S2NN-ND-P2	CXC60250-S2NN-ND-P2	CXC60300-S2NN-ND-P2	
Mechanical Specifications	Table Size	60X60 mm				
	Travel Stroke	150 mm	200 mm	250 mm	300 mm	
	Drive Type	Ball screw Ø8 lead 2mm				
	Rail	Circular Linear ball guiding				
	Stage Material / Surface Treatment	Stainless Steel / Nickel plating				
	Main Unit Weight	N : 1.8 Kg / C : 1.94 Kg	N : 2 Kg / C : 2.14 Kg	N : 2.3 Kg / C : 2.44 Kg	N : 2.6 Kg / C : 2.74 Kg	
	Coupling	FAMCS11.6-5*5				
Precision Specifications	Accuracy Level	N : Standard grade				
	Wiring Method	N : GMT Standard				
	Resolution (Pulse)	Full / Half		10 µm / 5 µm		
	Maximum Speed (Full Step)	40 mm / sec				
	Positioning Precision	20 µm		30 µm		
	Repeatability Precision	±1 µm				
	Load Capacity	14 Kgf				
	Missed Step	3 µm				
	Parallelism	20 µm				
	Dynamic Straightness	5 µm		8 µm		
Electrical Specifications	Dynamic Parallelism	15 µm	20 µm	30 µm		
	Motor	Type / Shaft Numbers : 2-phase stepper / □28 double shafts (NEMA11)				
		Brand / Model : GMT / 2MS-N28D45A				
	Driver	Brand / Model : GMT / GTR22G-D (Additional options)				
	Connector	Stage Side Connector	15-pin male end connector D-SUB			
		Controller Side Connector	15-pin female end connector D-SUB (optional)			
	Sensor	Origin Sensor	Photoelectric sensor EE-SX4134			
Limit Sensor						
Power Voltage		24V±10%				
Control Output		NPN open collector output under 24V 8mA				
Output Control		Testing (sensing) : output transistor OFF (closed)				

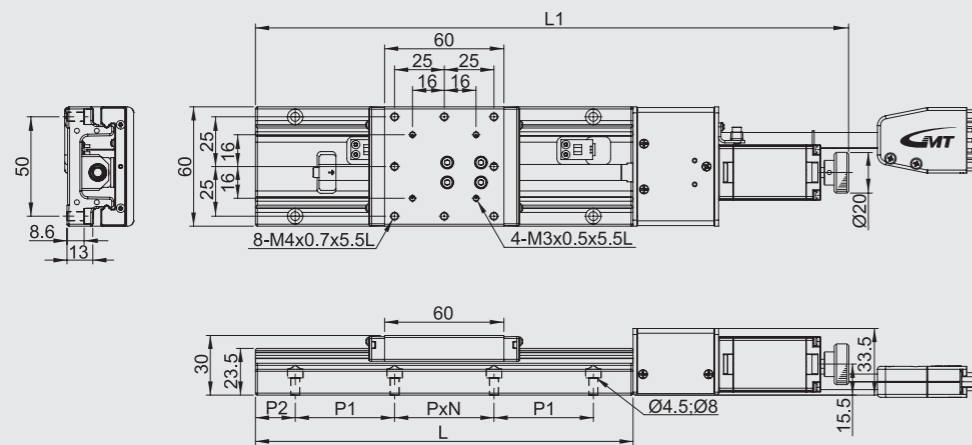
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X-Axis



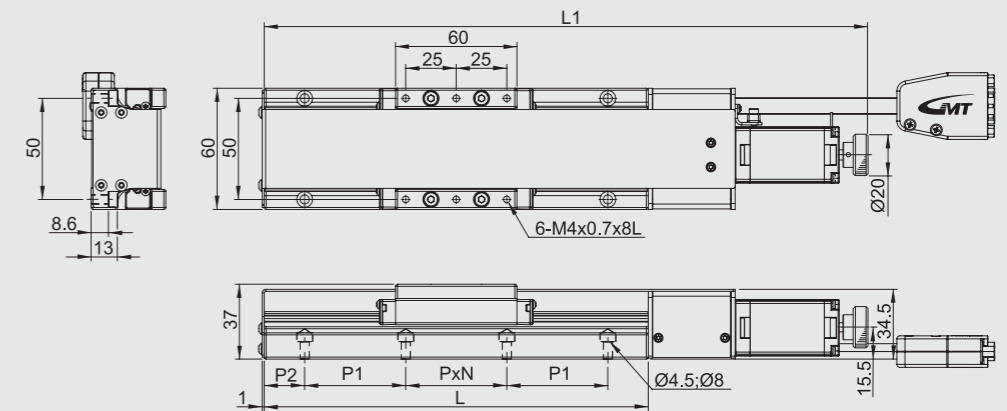
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CXN60□-S2NN-ND



Stroke	L	L1	P	N	P1	P2
150	240	340.5	25	4	50	20
200	290	390.5	50	3	50	20
250	340	440.5	50	4	50	20
300	390	490.5	50	5	50	20

CXC60□-S2NN-ND



Stroke	L	L1	P	N	P1	P2
150	240	340.5	25	4	50	20
200	290	390.5	50	3	50	20
250	340	440.5	50	4	50	20
300	390	490.5	50	5	50	20

Model Description

CXN80/CXC80-S Series

Material	Drive Type	Accuracy Level	Wiring Method	Motor Model	Connector Type
S Stainless Steel	2 Ball screw	N Standard grade	N GMT Standard	N 2-phase stepper X Not equipped	D D-SUB15 (VGA)

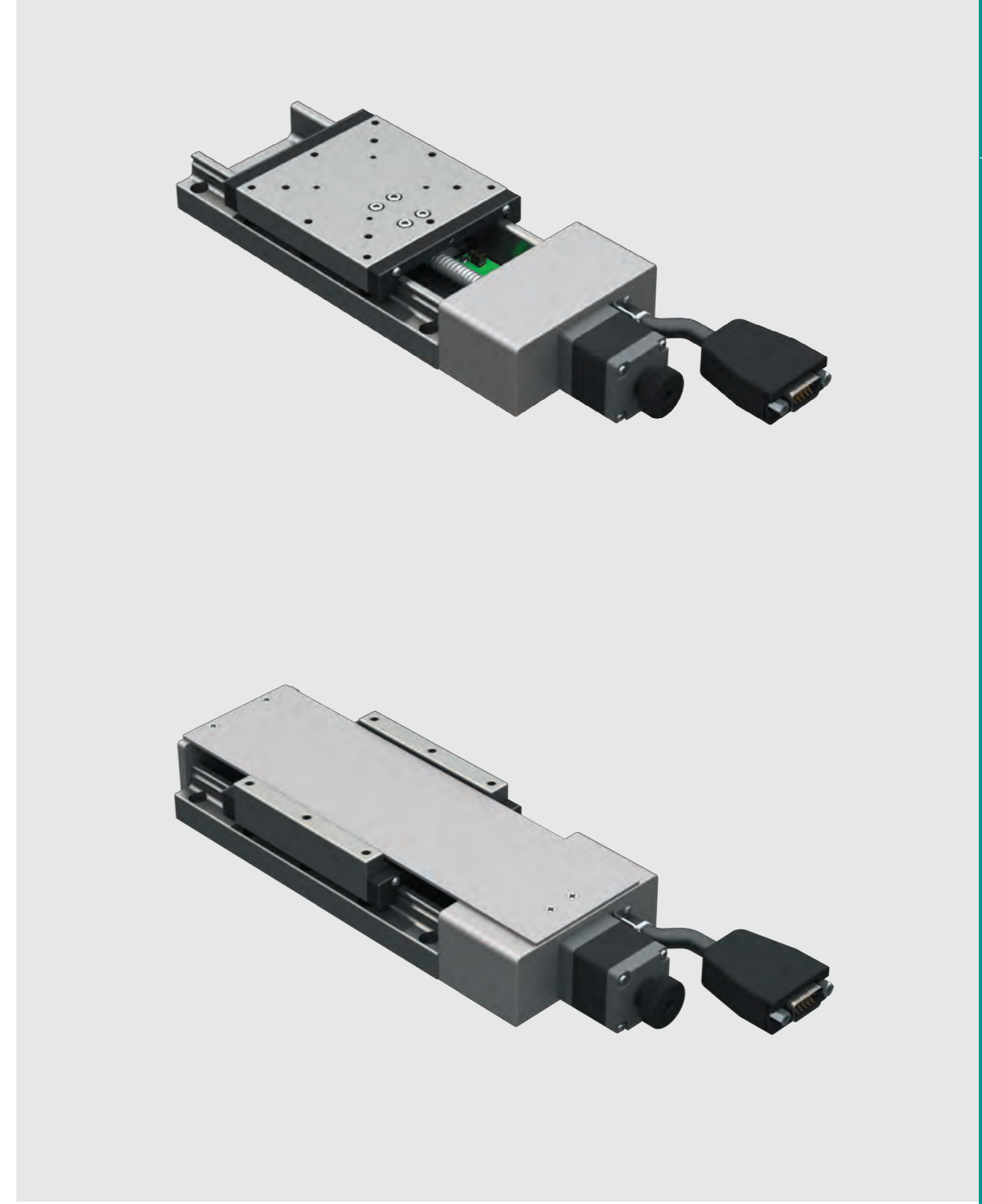
CXN 80 30 - S 2 N N - N D - P1 2 C

Axis & Serial Numbers	Table Size	Stroke	Pitch	Connecting Cable (Optional)	Driver (Optional)
CXN X-Axis CXC X-Axis (w/dustproof cover)	80 80*80mm	30 30mm 50 50mm 75 75mm 100 100mm	P1 1mm P2 2mm	Blank Not equipped 2 2m cable 4 4m cable	Blank Not equipped C Standard specified by GMT

Model No.		CXN8030-S2NN-ID-P1	CXN8030-S2NN-ID-P2	CXN8050-S2NN-ID-P1	CXN8050-S2NN-ID-P2	CXN8075-S2NN-ID-P1	CXN8075-S2NN-ID-P2	CXN80100-S2NN-ID-P1	CXN80100-S2NN-ID-P2	
Model No.		CXC8030-S2NN-ID-P1	CXC8030-S2NN-ID-P2	CXC8050-S2NN-ID-P1	CXC8050-S2NN-ID-P2	CXC8075-S2NN-ID-P1	CXC8075-S2NN-ID-P2	CXC80100-S2NN-ID-P1	CXC80100-S2NN-ID-P2	
Mechanical Specifications	Table Size	60X60 mm								
	Travel Stroke	30 mm		50 mm		75 mm		100 mm		
	Drive Type	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	
	Rail	Circular Linear ball guiding								
	Stage Material / Surface Treatment	Stainless Steel / Nickel plating								
	Main Unit Weight	N : 1.5 Kg / C : 1.79 Kg		N : 1.68 Kg / C : 1.86 Kg		N : 1.84 Kg / C : 2.03 Kg		N : 2.02 Kg / C : 2.2 Kg		
	Coupling	FAMCS11.6-5*5								
Precision Specifications	Accuracy Level	N : Standard grade								
	Wiring Method	N : GMT Standard								
	Resolution (Pulse)	Full / Half	5 µm / 2.5 µm	10 µm / 5 µm	5 µm / 2.5 µm	10 µm / 5 µm	5 µm / 2.5 µm	10 µm / 5 µm	5 µm / 2.5 µm	10 µm / 5 µm
	Maximum Speed (Full Step)		20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec
	Positioning Precision		15 µm							
	Repeatability Precision		±1 µm							
	Load Capacity		16 Kgf							
	Missed Step		3 µm							
	Parallelism		20 µm							
	Dynamic Straightness		3 µm							
Dynamic Parallelism		10 µm								
Electrical Specifications	Motor	Type / Shaft Numbers	2-phase stepper / □28 double shafts (NEMA11)							
		Brand / Model	GMT / 2MS-N28D32A							
		Driver Brand / Model	GMT / GTR22G-D (Additional options)							
	Connector	Stage Side Connector	15-pin male end connector D-SUB							
		Controller Side Connector	15-pin female end connector D-SUB (optional)							
	Sensor	Origin Sensor	Photoelectric sensor EE-SX4134							
		Limit Sensor	N / A							
		Origin Approximation Sensor	N / A							
Power Voltage		24V±10%								
Control Output		NPN open collector output under 24V 8mA								
	Output Control	Testing (sensing) : output transistor OFF (closed)								

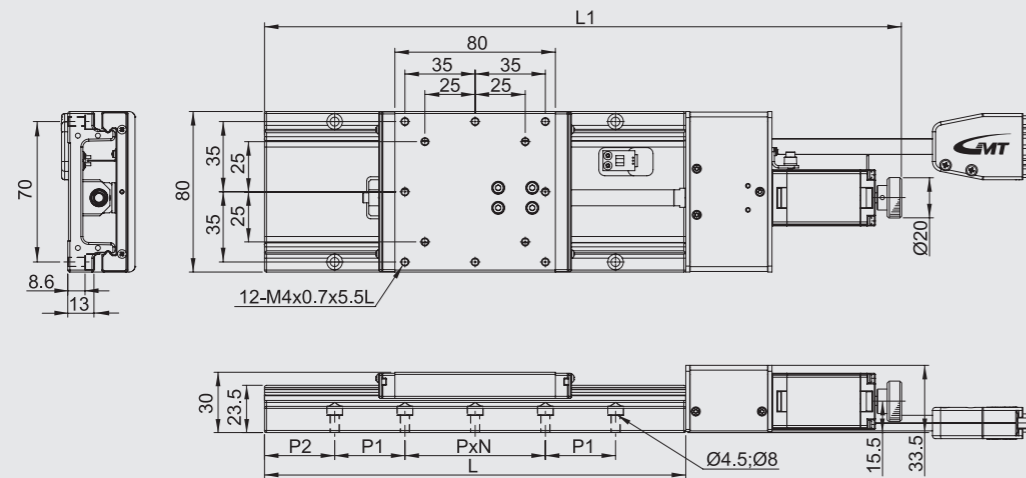
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X-Axis



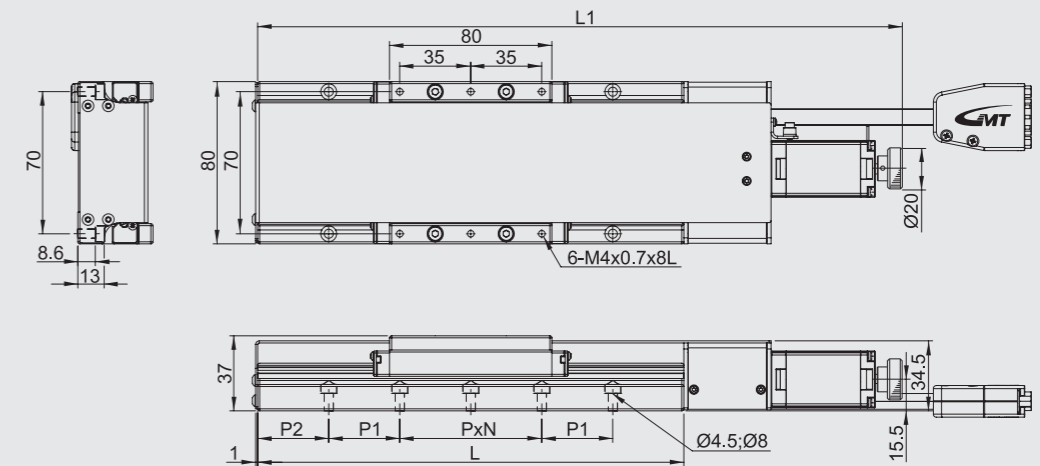
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CXN80□-S2NN-ND



Stroke	L	L1	P	N	P1	P2
30	140	227.5	70	1	25	10
50	160	247.5	35	2	35	10
75	185	272.5	35	2	35	22.5
100	210	310.5	35	2	35	35

CXC80□-S2NN-ND



Stroke	L	L1	P	N	P1	P2
30	140	227.5	70	1	25	10
50	160	247.5	35	2	35	10
75	185	272.5	35	2	35	22.5
100	210	310.5	35	2	35	35

Model Description

CXN80/CXC80-S Series

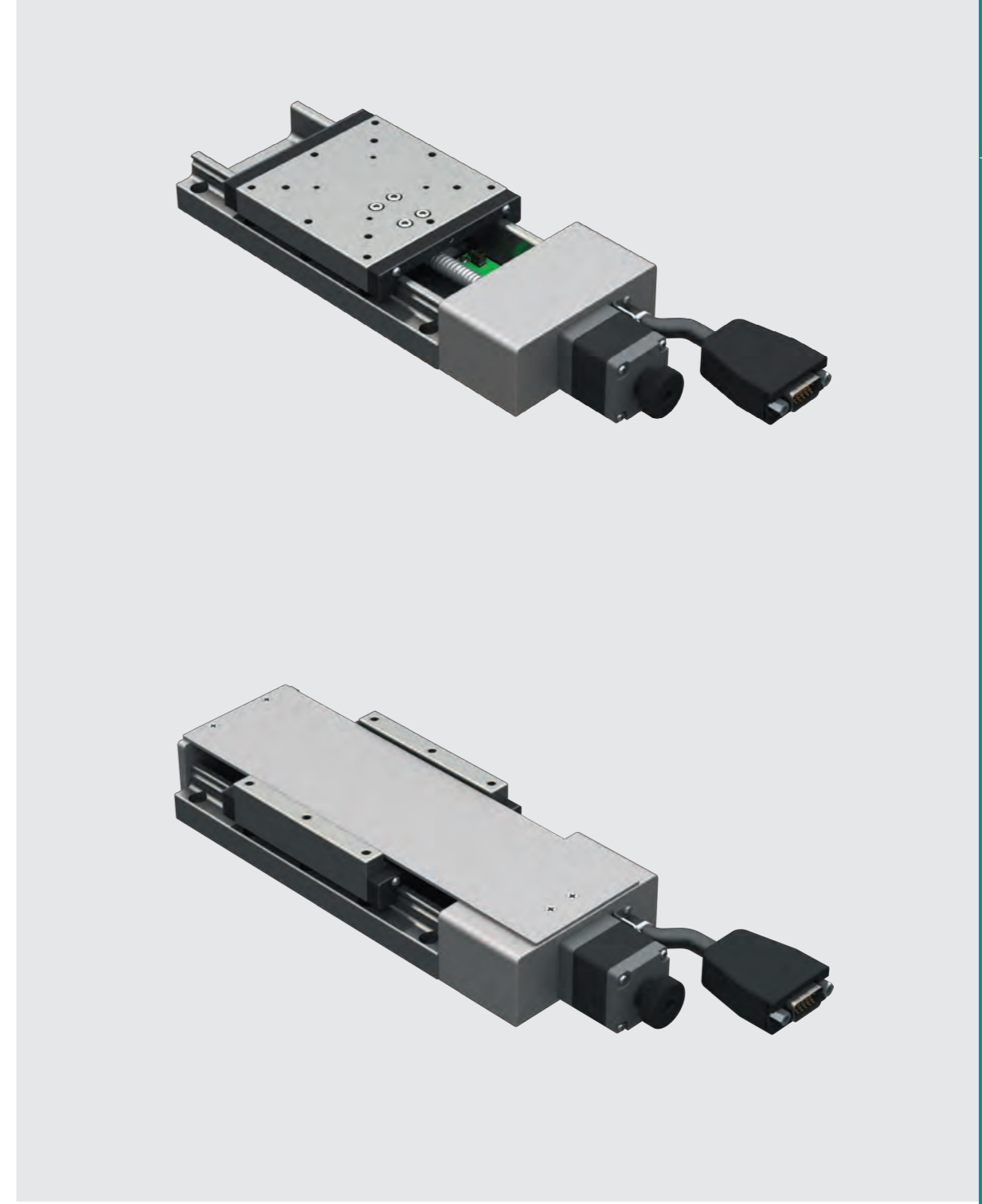
Material	Drive Type	Accuracy Level	Wiring Method	Motor Model	Connector Type
S Stainless Steel	2 Ball screw	N Standard grade	N GMT Standard	N 2-phase stepper X Not equipped	D D-SUB15 (VGA)

CXN 80 150 - S 2 N N - N D - P2 2 C

Axis & Serial Numbers	Table Size	Stroke	Pitch	Connecting Cable (Optional)	Driver (Optional)
CXN X-Axis CXC X-Axis (w/dustproof cover)	80 80*80mm	150 150mm 200 200mm 250 250mm 300 300mm	P2 2mm	Blank Not equipped 2 2m cable 4 4m cable	Blank Not equipped C Standard specified by GMT

Model No.	CXN80150-S2NN-ND-P2	CXN80200-S2NN-ND-P2	CXN80250-S2NN-ND-P2	CXN80300-S2NN-ND-P2					
	CXC80150-S2NN-ND-P2	CXC80200-S2NN-ND-P2	CXC80250-S2NN-ND-P2	CXC80300-S2NN-ND-P2					
Mechanical Specifications	Table Size				80X80 mm				
	Travel Stroke		150 mm	200 mm	250 mm	300 mm			
	Drive Type				Ball screw Ø8 lead 2mm				
	Rail				Circular Linear ball guiding				
	Stage material / Surface Treatment				Stainless Steel / Nickel plating				
	Main Unit Weight		N : 2.32 Kg / C : 2.5 Kg	N : 2.6 Kg / C : 2.78 Kg	N : 2.9 Kg / C : 3.08 Kg	N : 3.2 Kg / C : 3.38 Kg			
	Coupling				FAMCS11.6-5*5				
Accuracy Level				N : Standard grade					
Wiring Method				N : GMT Standard					
Precision Specifications	Resolution (Pulse)	Full / Half	10 µm / 5 µm						
	Maximum Speed (Full Step)		40 mm / sec						
	Positioning Precision		20 µm		30 µm				
	Repeatability Precision		±1 µm						
	Load Capacity		16 Kgf						
	Missed Step		3 µm						
	Parallelism		20 µm						
Dynamic Straightness		5 µm		8 µm					
Dynamic Parallelism		15 µm	20 µm		30 µm				
Electrical Specifications	Motor		Type / Shaft Numbers					2-phase stepper / □28 double shafts (NEMA11)	
			Brand / Model					GMT / 2MS-N28D45A	
	Driver Brand / Model		GMT / GTR22G-D (Additional options)						
	Connector	Stage Side Connector		15-pin male end connector D-SUB					
		Controller Side Connector		15-pin female end connector D-SUB (optional)					
	Sensor	Origin Sensor		Photoelectric sensor EE-SX4134					
		Limit Sensor							
Power Voltage		24V±10%							
Control Output		NPN open collector output under 24V 8mA							
Output Control		Testing (sensing) : output transistor OFF (closed)							

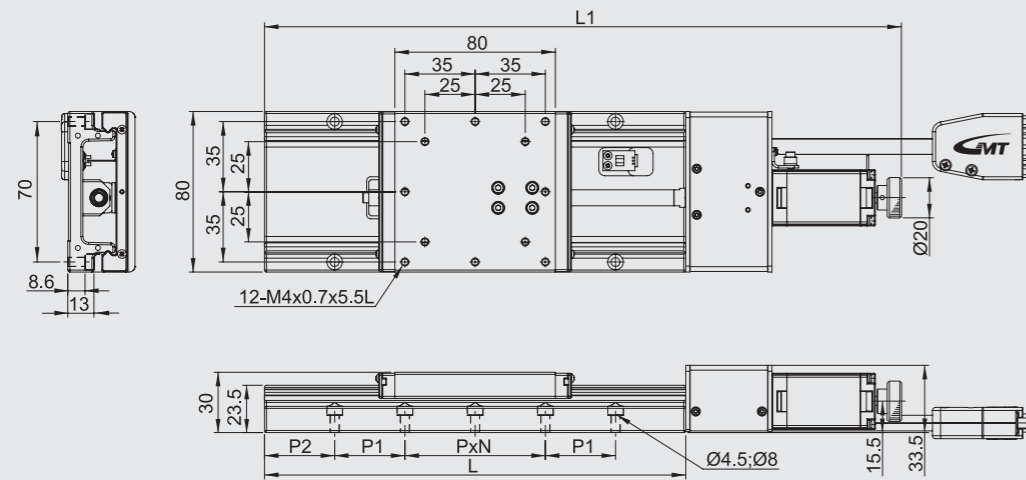
X-Axis



© Photos are CXN80100-S2NN-ND(UP) and CXC80100-S2NN-ND(DOWN).

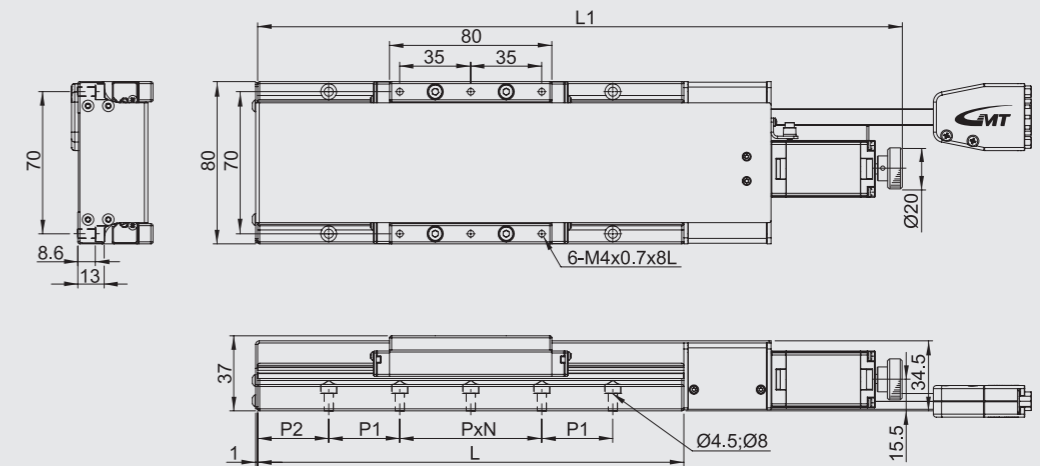
©GMT Standard wiring is defined as the product photo, and not optional available.
 ©GMT Standard Motorized Stage series is equipped with D-SUB connector as the standard one which is available to be changed to HRS or NJC on request as per reference stated on P.0492.
 ©In case HRS connection cable is required, please consult to your regional sales.

CXN80□-S2NN-ND



Stroke	L	L1	P	N	P1	P2
150	260	360.5	70	1	70	25
200	310	410.5	70	3	35	15
250	360	460.5	70	3	35	40
300	410	510.5	70	3	70	30

CXC80□-S2NN-ND



Stroke	L	L1	P	N	P1	P2
150	260	360.5	70	1	70	25
200	310	410.5	70	3	35	15
250	360	460.5	70	3	35	40
300	410	510.5	70	3	70	30