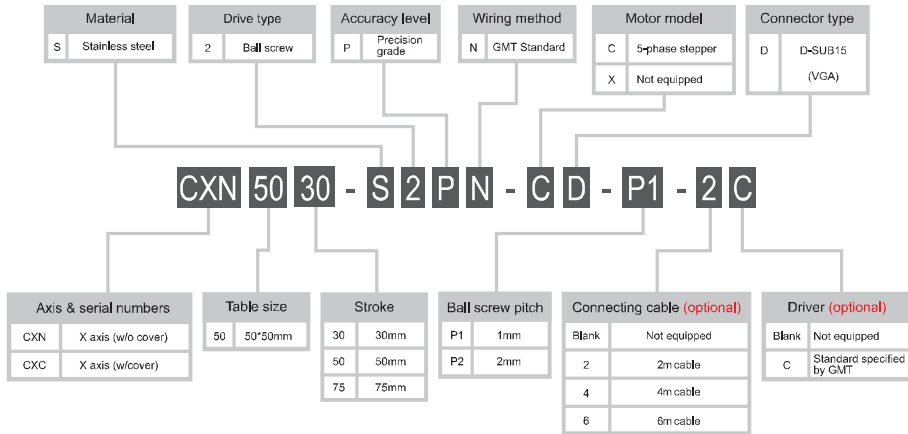


Model description

CXN50 / CXC50 series

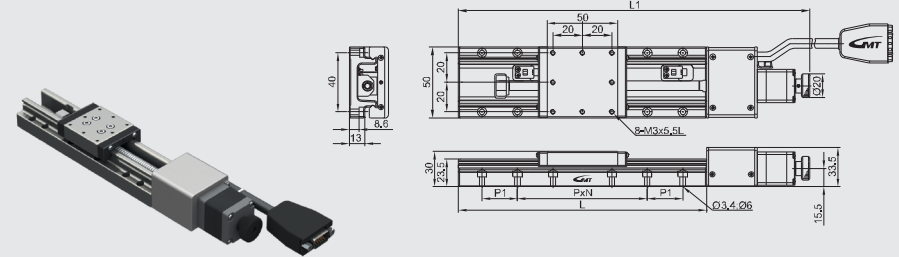


Model Number		CXN5030-S2PN-CD-P1	CXN5050-S2PN-CD-P2	CXN6030-S2PN-CD-P1	CXN6050-S2PN-CD-P2	CXN6075-S2PN-CD-P1	CXN6075-S2PN-CD-P2	
Mechanical specifications	Table size	50X50 mm		50X50 mm		75 mm		
	Travel stroke	30 mm		50 mm		75 mm		
	Drive type	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 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 / Electroless 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	P : Precision grade						
	Wiring method	N : GMT Standard						
	Resolution (pulse)	Full / Half	2 µm / 1 µm	4 µm / 2 µm	2 µm / 1 µm	4 µm / 2 µm	2 µm / 1 µm	4 µm / 2 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		5 µm				7 µm	
	Repeatability precision				±0,5 µm			
	Load capacity				10 Kgf			
Electrical specifications	Motor	Type/Shaft numbers	5-phase stepper / □28 double shafts					
		Brand/ Model	Sanyo / SH5281-7211					
		Driver brand/Model	Please refer to motor / driver cross-reference table (page E3)					
	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)						

* GMT motorized stage is equipped with D-SUB connector as the standard one which is available to be changed to HRS or N.I.C on request as per reference stated on P,171
* In case HRS connection cable is required, please consult to your regional sales.

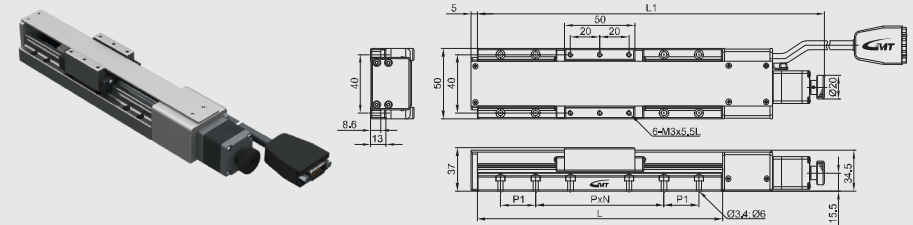


CXN50□-S2PN-CD-P1



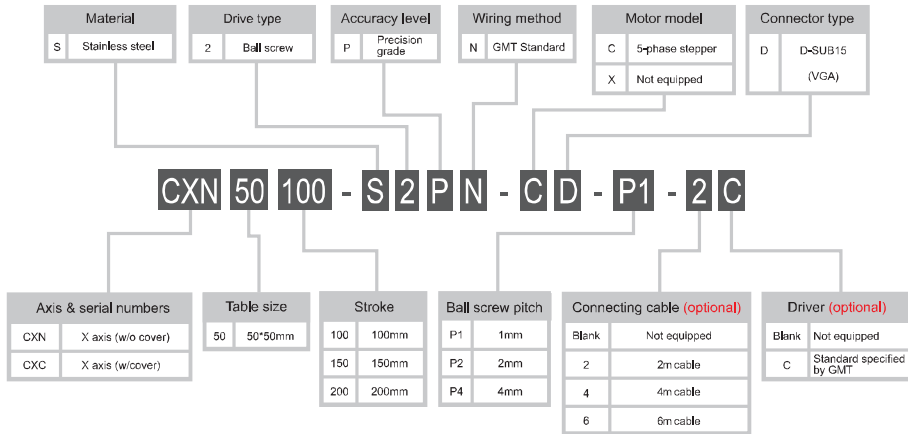
Stroke	L	L1	P	N	P1
30	110	197.5	40	1	20
50	120	217.5	40	3	N/A
75	145	242.5	40	3	N/A

CXC50□-S2PN-CD-P1



Model description

CXN50 / CXC50 series



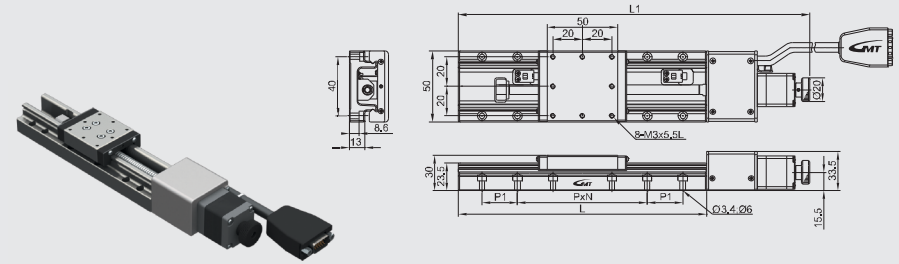
Model Number		CXN50100-S2PN-CD-P1	CXN50100-S2PN-CD-P2	CXN50150-S2PN-CD-P2	CXN50150-S2PN-CD-P4	CXN50200-S2PN-CD-P2	CXN50200-S2PN-CD-P4
Model Number		CXC50100-S2PN-CD-P1	CXC50100-S2PN-CD-P2	CXC50150-S2PN-CD-P2	CXC50150-S2PN-CD-P4	CXC50200-S2PN-CD-P2	CXC50200-S2PN-CD-P4
Mechanical specifications	Table size	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 2mm	Ball screw Ø8 lead 4mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 4mm
	Rail	Circular Linear ball guiding					
	Stage material/Surface treatment	Stainless steel / Electroless 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	Resolution (pulse)	Full / Half	2 µm / 1 µm	4 µm / 2 µm	2 µm / 1 µm	4 µm / 2 µm	4 µm / 2 µm
	Maximum speed (full step)		20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	20 mm / sec
	Positioning precision		10 µm		15 µm		
	Repeatability precision		±0,5 µm				
	Load capacity		10 Kgf				
	Missed step		1 µm				
	Parallelism		15 µm				
Electrical specifications	Motor	Type/Shaft numbers	5-phase stepper / □28 double shafts				
		Brand/ Model	Sanyo / SH5281-7211				
		Driver brand/Model	Please refer to motor / driver cross-reference table (page E3)				
	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)					

* GMT motorized stage is equipped with D-SUB connector as the standard one which is available to be changed to HRS or N.J.C on request as per reference stated on P.171
* In case HRS connection cable is required, please consult to your regional sales.

X axis

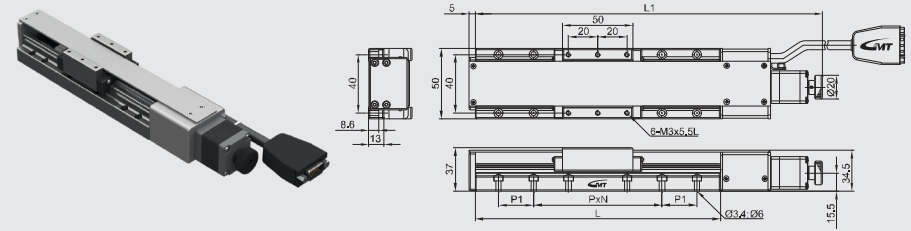


CXN50□-S2PN-CD-P1



Stroke	L	L1	P	N	P1
100	170	268	40	4	N/A
150	220	318	40	5	16
200	270	368	40	6	N/A

CXC50□-S2PN-CD-P1



Model description

CXN60 / CXC60 series

Material	Drive type	Accuracy level	Wiring method	Motor model	Connector type
S Stainless steel	2 Ball screw	P Precision grade	N GMT Standard	C 5-phase stepper X Not equipped	D D-SUB15 (VGA)

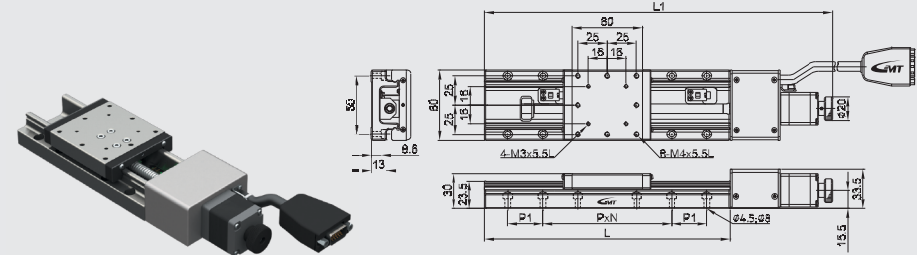
CXN 60 30 - S 2 P N - C D - P1 - 2 C

Axis & serial numbers	Table size	Stroke	Ball screw pitch	Connecting cable (optional)	Driver (optional)
CXN X axis (w/o cover) CXC X axis (w/cover)	60 60*60mm	30 30mm 50 50mm 75 75mm	P1 1mm P2 2mm	Blank Not equipped 2 2m cable 4 4m cable 6 6m cable	Blank Not equipped C Standard specified by GMT

X axis

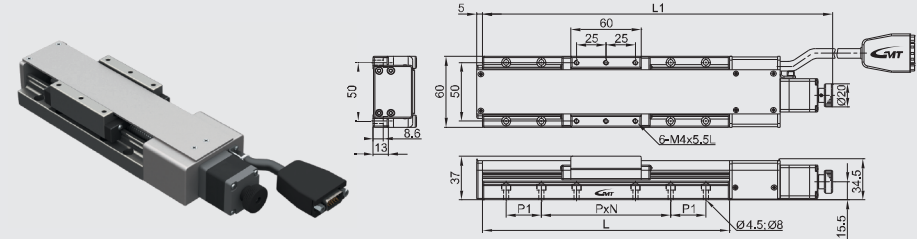


CXN60□-S2PN-CD-P1



Stroke	L	L1	P	N	P1
30	120	209	50	1	25
50	140	229	50	1	25
75	165	254	50	3	N/A

CXC60□-S2PN-CD-P1



Model Number

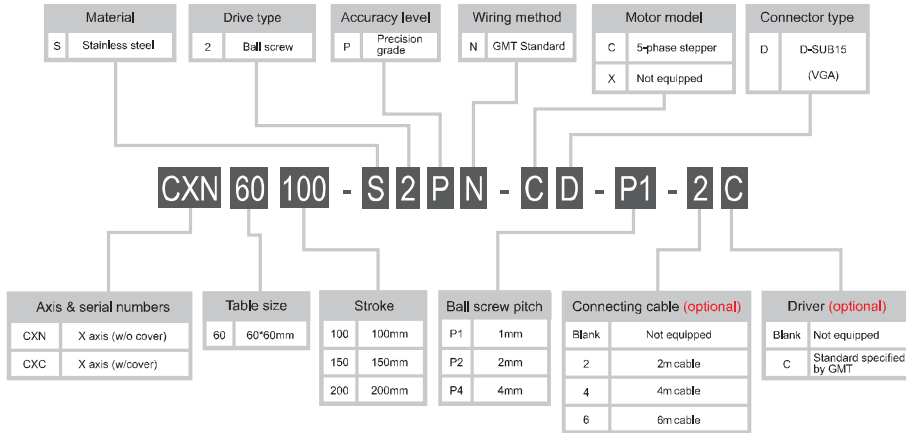
CXN6030-S2PN-CD-P1	CXN6050-S2PN-CD-P2	CXN6075-S2PN-CD-P1	CXN6090-S2PN-CD-P2	CXN6075-S2PN-CD-P1	CXN6075-S2PN-CD-P2
CXC6030-S2PN-CD-P1	CXC6050-S2PN-CD-P2	CXC6075-S2PN-CD-P1	CXC6090-S2PN-CD-P2	CXC6075-S2PN-CD-P1	CXC6075-S2PN-CD-P2

Mechanical specifications	Table size	60X60 mm		50 mm		75 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 / Electroless nickel plating							
Main unit weight	N : 1.1Kg / C : 1.29 Kg		N : 1.19 Kg / C : 1.33 Kg		N : 1.3 Kg / C : 1.44 Kg			
Coupling	FAMCS11.6-5*5							
Accuracy level	P : Precision grade							
Wiring method	N : GMT Standard							
Precision specifications	Resolution (pulse)	Full / Half	2 µm / 1 µm	4 µm / 2 µm	2 µm / 1 µm	4 µm / 2 µm	2 µm / 1 µm	4 µm / 2 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		5 µm		7 µm		7 µm	
	Repeatability precision		±0.5 µm		±0.5 µm		±0.5 µm	
	Load capacity		14 Kgf		14 Kgf		14 Kgf	
	Missed step		1 µm		1 µm		1 µm	
Parallelism		20 µm		20 µm		20 µm		
Dynamic straightness		2 µm		2 µm		2 µm		
Dynamic parallelism		10 µm		10 µm		10 µm		
Electrical specifications	Motor	Type/Shaft numbers	5-phase stepper / □28 double shafts					
		Brand/ Model	Sanyo / SH5281-7211					
		Driver brand/Model	Please refer to motor / driver cross-reference table (page E3)					
	Connector	Stage side connector	15-pin male end connector D-SUB					
		Controller side connector	15-pin female end connector D-SUB (optional)					
		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)						

* GMT motorized stage is equipped with D-SUB connector as the standard one which is available to be changed to HRS or N.JC on request as per reference stated on P.171
 * In case HRS connection cable is required, please consult to your regional sales.

Model description

CXN60 / CXC60 series



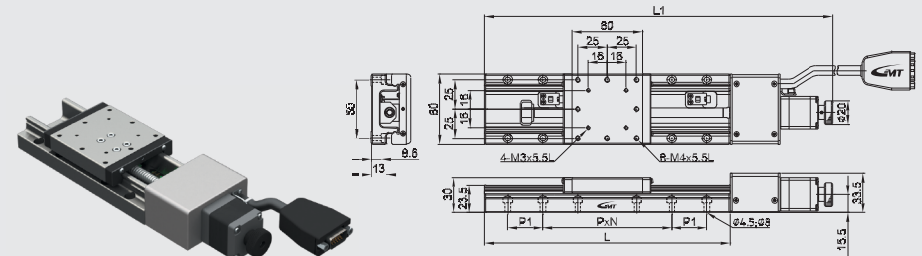
Model Number	CXN60100-S2PN-CD-P1	CXN60100-S2PN-CD-P2	CXN60150-S2PN-CD-P2	CXN60150-S2PN-CD-P4	CXN60200-S2PN-CD-P2	CXN60200-S2PN-CD-P4
	CXC60100-S2PN-CD-P1	CXC60100-S2PN-CD-P2	CXC60150-S2PN-CD-P2	CXC60150-S2PN-CD-P4	CXC60200-S2PN-CD-P2	CXC60200-S2PN-CD-P4
Mechanical specifications	Table size Travel stroke		60X60 mm 100 mm		150 mm 200 mm	
	Drive type		Ball screw Ø8 lead 1mm		Ball screw Ø8 lead 2mm	
	Rail		Circular Linear ball guiding			
	Stage material/Surface treatment		Stainless steel / Electroless nickel plating			
	Main unit weight		N : 1.47 Kg / C : 1.61 Kg		N : 1.8 Kg / C : 1.94 Kg	
	Coupling		FAMCS11.6-5*5			
	Accuracy level		P : Precision grade			
	Wiring method		N : GMT Standard			
Precision specifications	Resolution (pulse)		Full / Half		2 µm / 1 µm	
	Maximum speed (full step)		20 mm / sec		40 mm / sec	
	Positioning precision		10 µm		15 µm	
	Repeatability precision		±0.5 µm			
	Load capacity		14 Kgf			
	Missed step		1 µm			
	Parallelism		20 µm			
	Dynamic straightness		4 µm		6 µm	
	Dynamic parallelism		10 µm		15 µm	
Electrical specifications	Motor		Type/Shaft numbers Brand / Model			
	Driver brand/Model		Please refer to motor / driver cross-reference table (page E3)			
	Connector		Stage side connector Controller side connector			
	Sensor		Origin sensor Limit sensor Origin approximation sensor Power voltage Control output Output control			

* GMT motorized stage is equipped with D-SUB connector as the standard one which is available to be changed to HRS or N.J.C on request as per reference stated on P.171
* In case HRS connection cable is required, please consult to your regional sales.

X axis

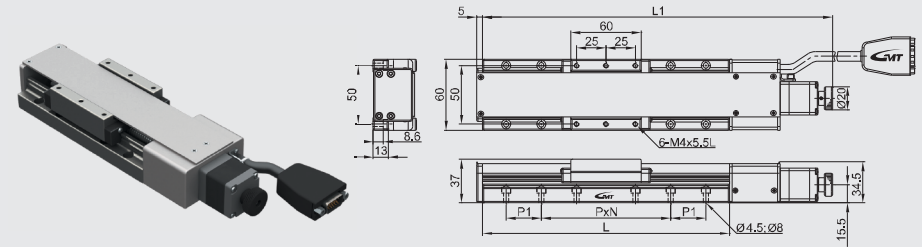


CXN60□-S2PN-CD-P1



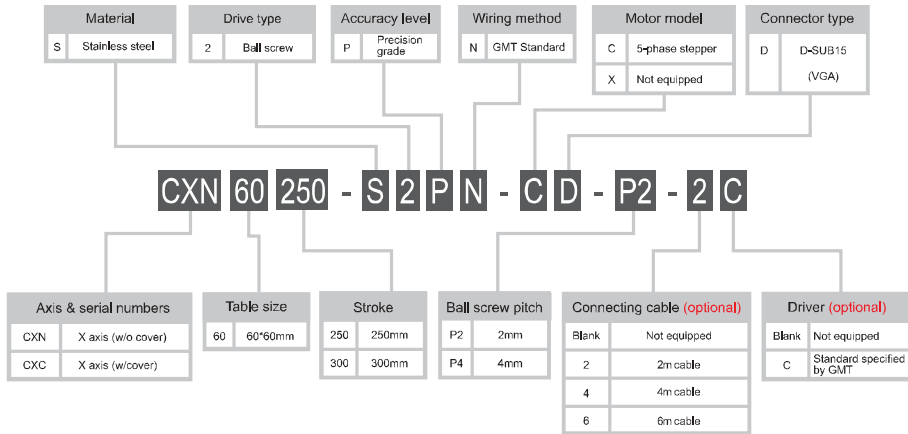
Stroke	L	L1	P	N	P1
100	190	298.5	50	3	N/A
150	240	348.5	25	4	50
200	290	398.5	50	5	N/A

CXC60□-S2PN-CD-P1



Model description

CXN60 / CXC60 series



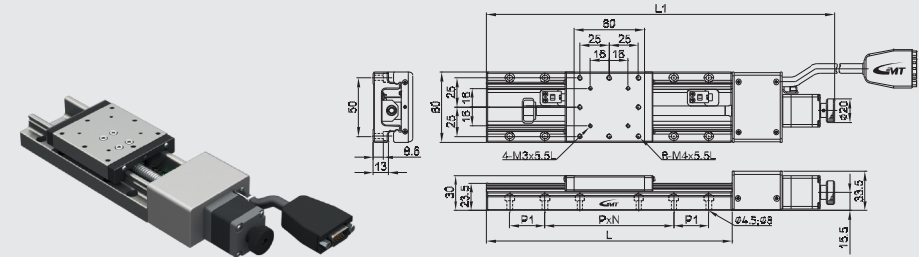
Model Number		CXN60250-S2PN-CD-P2	CXN60250-S2PN-CD-P4	CXN60300-S2PN-CD-P2	CXN60300-S2PN-CD-P4	
		CXC60250-S2PN-CD-P2	CXC60250-S2PN-CD-P4	CXC60300-S2PN-CD-P2	CXC60300-S2PN-CD-P4	
Mechanical specifications	Table size	60x60 mm				
	Travel stroke	250 mm		300 mm		
	Drive type	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 4mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 4mm	
	Rail	Circular Linear ball guiding				
	Stage material/Surface treatment	Stainless steel / Electroless nickel plating				
	Main unit weight	N : 2.3 Kg / C : 2.44 Kg		N : 2.6 Kg / C : 2.74 Kg		
Precision specifications	Resolution (pulse)	Full / Half	4 µm / 2 µm	8 µm / 4 µm	4 µm / 2 µm	8 µm / 4 µm
	Maximum speed (full step)		40 mm / sec	80 mm / sec	40 mm / sec	80 mm / sec
	Positioning precision		25 µm			
	Repeatability precision		±0.5 µm			
	Load capacity		14 Kgf			
	Missed step		1 µm			
	Parallelism		20 µm			
	Dynamic straightness		6 µm			
	Dynamic parallelism		25 µm			
	Electrical specifications	Motor	Type/Shaft numbers	5-phase stepper / □28 double shafts		
		Brand/ Model	Sanyo / SH5281-7211			
		Driver brand/Model	Please refer to motor / driver cross-reference table (page E3)			
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)				

* GMT motorized stage is equipped with D-SUB connector as the standard one which is available to be changed to HRS or N.J.C on request as per reference stated on P.171
* In case HRS connection cable is required, please consult to your regional sales.

X axis

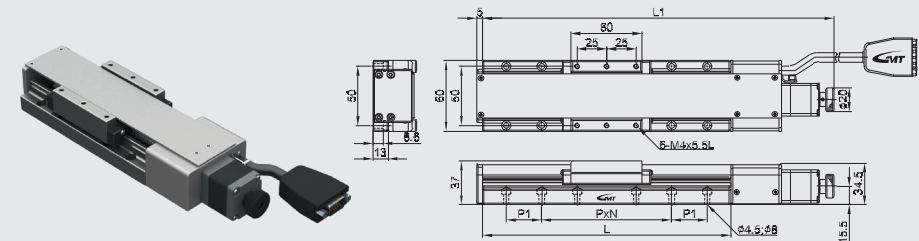


CXN60□-S2PN-CD-P1



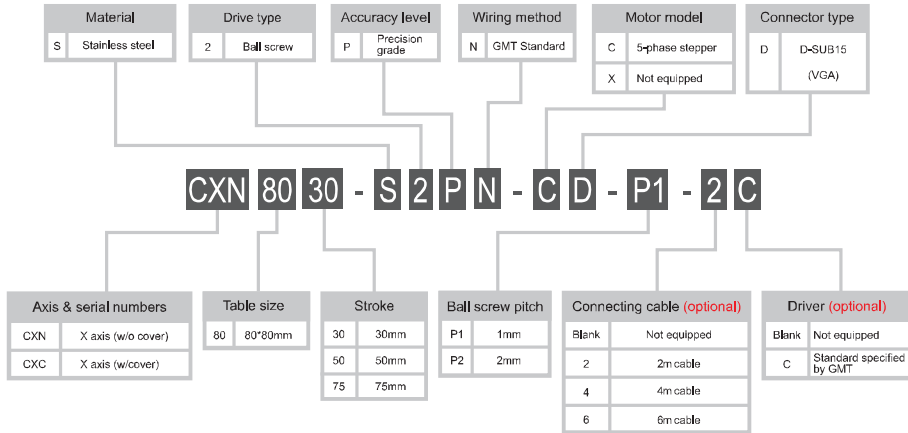
Stroke	L	L1	P	N	P1
250	340	448.5	50	5	N/A
300	390	498.5	50	7	N/A

CXC60□-S2PN-CD-P1



Model description

CXN80 / CXC80 series



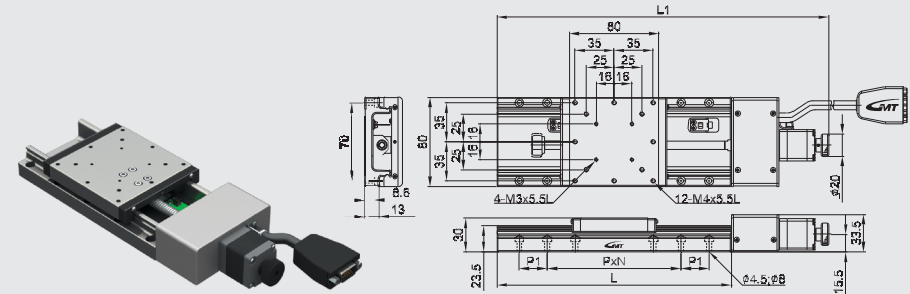
Model Number	CXN8030-S2PN-CD-P1	CXN8050-S2PN-CD-P2	CXN8075-S2PN-CD-P1	CXN8075-S2PN-CD-P2	CXN8075-S2PN-CD-P1	CXN8075-S2PN-CD-P2	
	CXC8030-S2PN-CD-P1	CXC8050-S2PN-CD-P2	CXC8075-S2PN-CD-P1	CXC8075-S2PN-CD-P2	CXC8075-S2PN-CD-P1	CXC8075-S2PN-CD-P2	
Mechanical specifications	Table size	80X80 mm				75 mm	
	Travel stroke	30 mm				50 mm	
	Drive type	Ball screw Ø6 lead 1mm	Ball screw Ø6 lead 2mm	Ball screw Ø6 lead 1mm	Ball screw Ø6 lead 2mm	Ball screw Ø6 lead 1mm	Ball screw Ø6 lead 2mm
	Rail	Circular Linear ball guiding					
	Stage material/Surface treatment	Stainless steel / Electroless nickel plating					
Precision specifications	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	
	Coupling	FAMCS11,6-5*5					
	Accuracy level	P : Precision grade					
	Wiring method	N : GMT Standard					
	Resolution (pulse)	Full / Half	2 µm / 1 µm	4 µm / 2 µm	2 µm / 1 µm	4 µm / 2 µm	4 µm / 2 µm
	Maximum speed (full step)		20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	40 mm / sec
	Positioning precision		5 µm				7 µm
	Repeatability precision		±0,5 µm				
	Load capacity		16 Kgf				
	Missed step		1 µm				
Electrical specifications	Motor	Type/Shaft numbers	5-phase stepper / □28 double shafts				
		Brand/ Model	Sanyo / SH5281-7211				
		Driver brand/Model	Please refer to motor / driver cross-reference table (page E3)				
	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)						

* GMT motorized stage is equipped with D-SUB connector as the standard one which is available to be changed to HRS or N.I.C on request as per reference stated on P.171
* In case HRS connection cable is required, please consult to your regional sales.

X axis

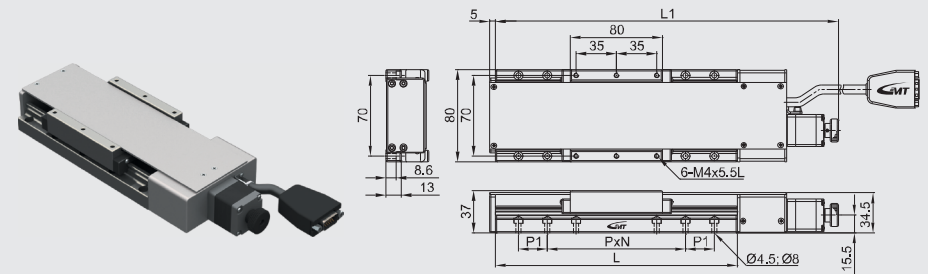


CXN80□-S2PN-CD-P1



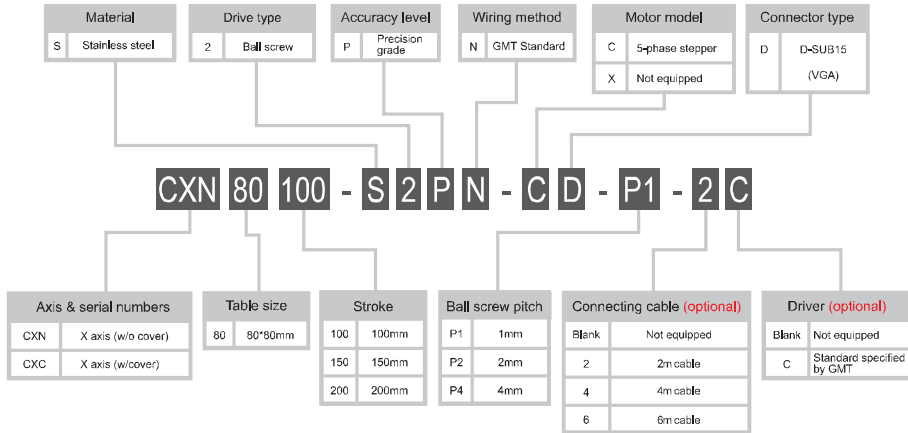
Stroke	L	L1	P	N	P1
30	140	229	70	1	25
50	160	247,5	35	4	35
75	185	272,5	35	4	35

CXC80□-S2PN-CD-P1



Model description

CXN80 / CXC80 series



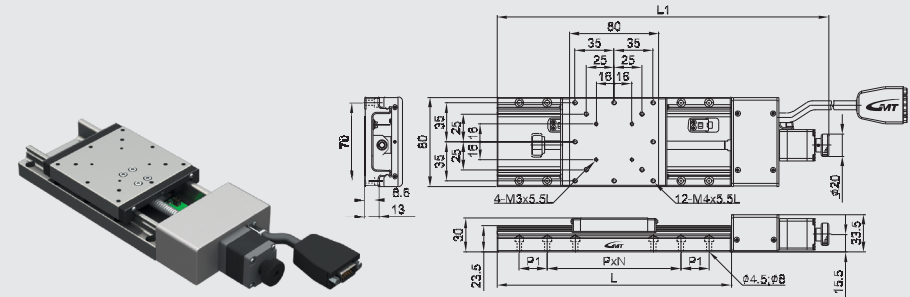
Model Number		CXN80100-S2PN-CD-P1	CXN80100-S2PN-CD-P2	CXN80150-S2PN-CD-P2	CXN80150-S2PN-CD-P4	CXN80200-S2PN-CD-P2	CXN80200-S2PN-CD-P4	
Mechanical specifications	Table size	80X80 mm						
	Travel stroke	100 mm		150 mm		200 mm		
	Drive type	Ball screw Ø8 lead 1mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 4mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 4mm	
	Rail	Circular Linear ball guiding						
	Stage material/Surface treatment	Stainless steel / Electroless nickel plating						
	Main unit weight	N : 2,02 Kg / C : 2,2 Kg		N : 2,32 Kg / C : 2,5 Kg		N : 2,6 Kg / C : 2,78 Kg		
	Coupling	FAMCS11,6-5*5						
Precision specifications	Accuracy level	P : Precision grade						
	Wiring method	N : GMT Standard						
	Resolution (pulse)	Full / Half	2 µm / 1 µm	4 µm / 2 µm	4 µm / 2 µm	8 µm / 4 µm	4 µm / 2 µm	8 µm / 4 µm
	Maximum speed (full step)		20 mm / sec	40 mm / sec	40 mm / sec	80 mm / sec	40 mm / sec	80 mm / sec
	Positioning precision		10 µm		±0,5 µm		15 µm	
	Repeatability precision							
	Load capacity				16 Kgf			
Electrical specifications	Motor	Type/Shaft numbers	5-phase stepper / □28 double shafts					
		Brand/ Model	Sanyo / SH5281-7211					
		Driver brand/Model	Please refer to motor / driver cross-reference table (page E3)					
	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)							

* GMT motorized stage is equipped with D-SUB connector as the standard one which is available to be changed to HRS or N.J.C on request as per reference stated on P.171
* In case HRS connection cable is required, please consult to your regional sales.

X axis

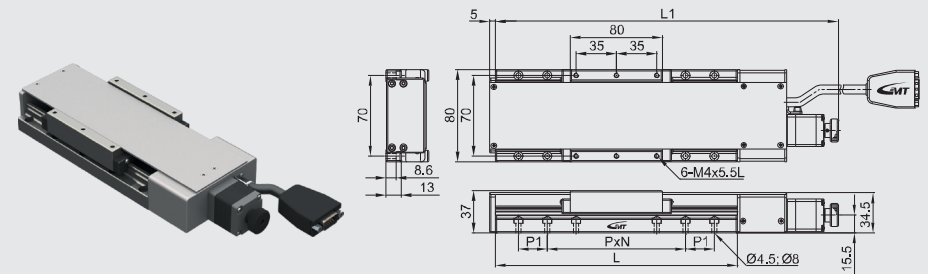


CXN80□-S2PN-CD-P1



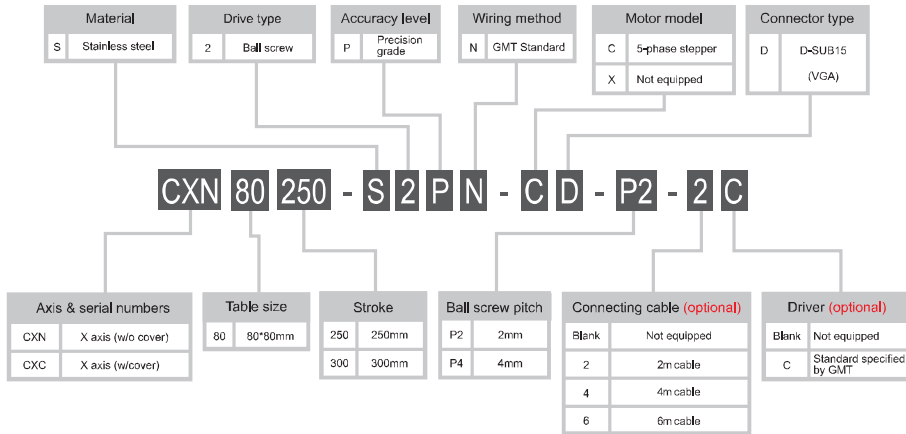
Stroke	L	L1	P	N	P1
100	210	317.5	70	1	35
150	260	367.5	70	3	N/A
200	310	417.5	70	3	35

CXC80□-S2PN-CD-P1



Model description

CXN80 / CXC80 series



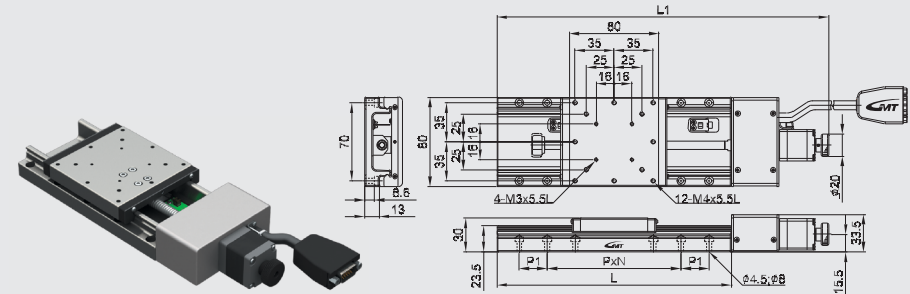
Model Number		CXN80250-S2PN-CD-P2	CXN80250-S2PN-CD-P4	CXN80300-S2PN-CD-P2	CXN80300-S2PN-CD-P4	
		CXC80250-S2PN-CD-P2	CXC80250-S2PN-CD-P4	CXC80300-S2PN-CD-P2	CXC80300-S2PN-CD-P4	
Mechanical specifications	Table size	80X80 mm				
	Travel stroke	250 mm		300 mm		
	Drive type	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 4mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 4mm	
	Rail	Circular Linear ball guiding				
	Stage material/Surface treatment	Stainless steel / Electroless nickel plating				
	Main unit weight	N : 2.9 Kg / C : 3.08 Kg		N : 3.2 Kg / C : 3.38 Kg		
Precision specifications	Resolution (pulse)	Full / Half	4 µm / 2 µm	8 µm / 4 µm	4 µm / 2 µm	8 µm / 4 µm
	Maximum speed (full step)		40 mm / sec	80 mm / sec	40 mm / sec	80 mm / sec
	Positioning precision		25 µm			
	Repeatability precision		±0.5 µm			
	Load capacity		16 Kgf			
	Missed step		1 µm			
	Parallelism		20 µm			
	Dynamic straightness		6 µm			
	Dynamic parallelism		25 µm			
	Electrical specifications	Motor	Type/Shaft numbers	5-phase stepper / □28 double shafts		
		Brand/ Model	Sanyo / SH5281-7211			
		Driver brand/Model	Please refer to motor / driver cross-reference table (page E3)			
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)				

* GMT motorized stage is equipped with D-SUB connector as the standard one which is available to be changed to HRS or N.J.C on request as per reference stated on P.171
* In case HRS connection cable is required, please consult to your regional sales.

X axis



CXN80□-S2PN-CD-P1



Stroke	L	L1	P	N	P1
250	360	467.5	70	4	35
300	410	517.5	70	5	N/A

CXC80□-S2PN-CD-P1

