XN50 / CXC50 series

Motor model

C 5-phase stepper

X Not equipped

Connecting cable (optional)

Not equipped

2m cable

6m cable

N: 1.1 Kg / C: 1.17 Kg N: 1.24 Kg / C: 1.29 Kg

Blank

50X50 mm

50 mm

Circular Linear ball guiding

Stainless steel / Electroless nickel plating

FAMCS11.6-5*5

P : Precision grade

N : GMT Standard

2 µm/1 µm 4 µm/2 µm 2 µm/1 µm 4 µm/2 µm 2 µm/1 µm 4 µm/2 µm 20 mm / sec 40 mm / sec 20 mm / sec 40 mm / sec 20 mm / sec 40 mm / sec

> ±0.5 µm 10 Kaf

> > 15 µm 2 µm

10 µm 5-phase stepper / 28 double shafts

Sanyo / SH5281-7211

Please refer to motor / driver cross-reference table (page E3) 15-pin male end connector D-SUB

15-pin female end connector D-SUB (optional) Photoelectric sensor EE-SX4134

24V±10%

NPN open collector output under 24V 8mA Testing (sensing): output transistor OFF (closed)

Ball screw Ø8 lead 1mm Ball screw Ø8 lead 2mm Ball screw Ø8 lead 1mm Ball screw Ø8 lead 2mm Ball screw Ø8 lead 2mm

Wiring method

N GMT Standard

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

P1

Ball screw pitch

P2 2mm

5 µm

*GMT motorized stage 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-171

Accuracy level

Connector type

D-SUB15

(VGA)

Driver (optional)

C Standard specified by GMT

Blank Not equipped

Drive type

2 Ball screw

Table size

30 30mm

50 50mm

75 75mm

50 50*50mm

Model description

Material

S Stainless steel

Axis & serial numbers

X axis (w/o cover)

X axis (w/cover)

Model Number Table size

Travel stroke

Drive type

Rai

Stage material/Surface treatment

Main unit weight Coupling

Accuracy level

Wiring method

Maximum speed (full step) Positioning precision

Repeatability precision

Load capacity Missed step Parallelism

Dynamic straightness Dynamic parallelism

Brand/ Model

Stage side connector

Controller side connector

Limit sensor Origin approximation sensor

Control output

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

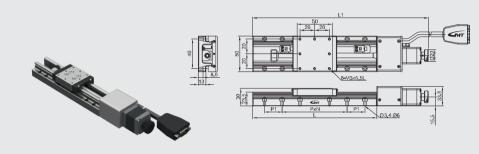
Resolution (pulse) Full / Half

GMT GLOBAL INC.

CXN50

/ CXC50

CXN50 / CXC50 series



Precision Motorized X axis Linear-motion Stage Circular Linear ball quiding

Stroke	L	L1	Р	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

8.6	5 L1 20 20 VI 305.5.L
	P1 PN P1 G3.4.26

C71

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Connector

C72

CXN50 / CXC50

series

C73

Model description

CXN50 / CXC50 series

CXN50 / CXC50 series Material Drive type Accuracy level Wiring method Motor model Connector type N GMT Standard S Stainless steel 2 Ball screw C 5-phase stepper D-SUB15 (VGA) X Not equipped CXN 50 100 - S 2 P N - C D - P1 - 2 C Table size Ball screw pitch Driver (optional) Axis & serial numbers Connecting cable (optional) 50 50*50mm 100 100mm Blank Not equipped Blank Not equipped X axis (w/o cover) C Standard specified by GMT X axis (w/cover) 150 150mm P2 2mm 2m cable P4 4

6m cable

			CXN50100-S2PN-CD-P1	CXN50100-S2PN-CD-P2	CXN50150-S2PN-CD-P2	CXN50150-S2PN-CD-P4	CXN50200-S2PN-CD-P2	CXN50200-S2PN-CD-P4		
	Mod	del 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		
-		Table size			50X5	0 mm				
Mechanical specifications		Travel stroke	10	0 mm	150) mm	20	0 mm		
har		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		
8		Rail			Circular Linea	r ba ll guiding				
sp	Stage n	naterial/Surface treatment		St	tainless steel / Elec	ctroless nickel plat	ing			
eci		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		
ica	Coupling			FAMCS11.6-5*5						
tion		Accuracy level			P : Precis	sion grade				
S		Wiring method			N : GMT	Standard				
	Resolution	r (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		
Pre	Max	imum speed (full step)	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec		
Precision specifications	P	ositioning precision	10	10 μm						
ion	Re	epeatability precision		±0,5 μm						
ş		Load capacity		10 Kgf						
ecifi		Missed step		1 μm						
cat		Para elism			15	μm				
ON ON	D	ynamic straightness		4	μm		6 μm			
٠,		ynamic parallelism		10	μm		15	μm		
	Motor	Type/Shaft numbers		5-	-phase stepper / □	128 double shafts				
	WICTOL	Brand/ Model			Sanyo / SH	5281 - 7211				
Ш	Di	iver brand/Model		Please refer	to motor / driver cr	oss-reference tabl	le (page E3)			
ČŤ.	Connector	Stage side connector			15-pin male end	connector D-SUB				
8	Connector	Controller side connect	or	15-p	in female end con	nector D-SUB (opt	tional)			
spe		Origin sensor			Photoelectric se	nsor EE-SX4134				
ecifi		Limit sensor								
Electrical specifications	Conner	Origin approximation ser	sor		N	I/A				
ions	Sensor	Power voltage			24V:	±10%				
01	Co	Control output		NF	N open collector o	output under 24V 8	BmA			

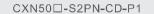
	ge is equipped with D-SUB conne				

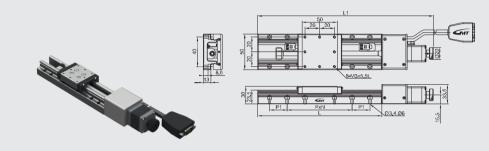
Testing (sensing): output transistor QFF (closed)

CXN50 / CXC50 series



GMT GLOBAL INC.

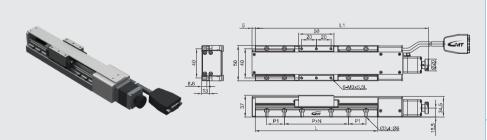




Precision Motorized X axis Linear-motion Stage Circular Linear ball guiding

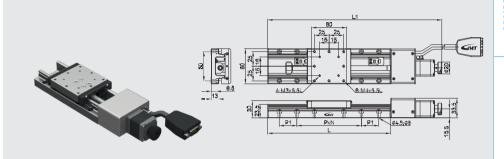
Stroke	L	L1	Р	Ν	P1
100	170	268	40	4	N/A
150	220	318	40	5	16
200	270	368	40	6	N/A

CXC50□-S2PN-CD-P1



^{*} In case HRS connection cable is required, please consult to your regional sales.

CXN60 / CXC60



Stroke	L	L1	Р	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

		5 L1 60 CM 4.5.5.1
60	, 13,	P1 PN P1 04.5:08

Output control

96

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C76

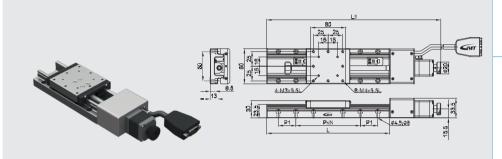
	Material	Drive type	A	Accuracy level	V	Viring method		Motor model	Con	nector type
5	Stainless steel	2 Ball scre	ew I	Precision grade	N	GMT Standard	С	5-phase stepper	D	D-SUB15
							Х	Not equipped		(VGA)
				$\perp \perp \perp$	LШ		L.		_	
		VNI 60	20) N			D1 2 (\sim	
	С	XN 60	30 -	S 2 F	P N	- C [-	P1 - 2 (C	
	С	XN 60	30 -	S 2 F	PN	- C) -	P1 - 2 (C	
	C	XN 60	30 -	S 2 F	PN	- C) -	P1 - 2 (
	C	XN 60	30 -	S 2 F	PN	- C) -	P1 - 2 (C	
	C	XN 60	30 -	S 2 F	PN	- C) -	P1 - 2 (
Axis	C	XN 60	L	S 2 F		- C		P1 - 2 (Driver (optional)
Ax is CXN			e						l)	Driver (optional) ank Not equipped
	s & serial numbers	Table size	e	Stroke	Balls	crew pitch	Connec	cting cable (optional	l) Bl	
CXN	s & serial numbers X axis (w/o cover)	Table size	e 30	Stroke 30mm 50mm	Ball s	crew pitch	Connec	cting cable (optional	l) Bl	ank Not equipped

	Ma	olos I Nicconsi	hav	CXN6030-S2PN-CD-P1	CXN6030-S2PN-CD-P2	CXN6050-S2PN-CD-P1	CXN6050-S2PN-CD-P2	CXN6075-S2PN-CD-P1	CXN6075-S2PN-CD-P2		
	IVIO	del Numl	per	CXC6030-S2PN-CD-P1	CXC6030-S2PN-CD-P2	CXC6050-S2PN-CD-P1	CXC6050-S2PN-CD-P2	CXC6075-S2PN-CD-P1	CXC6075-S2PN-CD-P2		
-		Table s	ize			60X6	0 mm				
Mechanical specifications		Travel st	roke	30 ו	mm	50 1	mm	75 n	nm		
han		Drive ty	/ре	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		
8		Rail				Circular Linea	r ba ll guiding				
sp	Stage n	nateria l/ Sur	face treatment		St	ainless steel / Elec	ctroless nickel plati	ng			
eci		Main unit	weight	N: 1.1Kg/	N: 1.1Kg/C: 1.29 Kg N: 1.19 Kg/C: 1.33 Kg N: 1.3 Kg/C: 1.44 Kg						
îca	Coupling			FAMCS11,6-5*5							
lion	Accuracy level					P : Precis	sion grade				
S	Wiring method				N : GMT Standard						
	Resolution	r (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		
Pre	Max	imum spee	d (full step)	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec		
Precision specifications	Positioning precision			5 μm 7 μm							
Ö.	Re	epeatabi l ity	precision	±0.5 μm							
g		Load cap	acity	14 Kgf							
cifi		Missed :	step	1 μm							
cat		Para e	ism	20 μm							
9	D	ynamic stra	ightness			2	μm				
0,		ynamic pa	rallelism			10	μm				
	Motor	Type/S	Shaft numbers		5-	-phase stepper / □	128 double shafts				
	MOTOL	Bra	and/ Model			Sanyo / SH	5281 - 7211				
田	Di	river brand/	Model		Please refer	to motor / driver cr	oss-reference tabl	e (page E3)			
Ctri	Connector	Stage s	side connector			15-pin male end	connector D-SUB				
8	Connector	Controlle	r side connector		15 - p	in female end con	nector D-SUB (opt	iona l)			
Spe		Ori	gin sensor			Photoelectric se	nsor EE - SX4134				
Electrical specifications		Lir	mit sensor			i notogiecti ic se	11301 EL 3X4134				
cat	Sensor	Origin app	roximation sensor			N	I/A				
ions	Sensor	Pov	wer voltage			24V:	±10%				
,		Cor	ntrol output		NF	N open collector o	output under 24V 8	lmA			

* GMT motorized stage 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.171 * In case HRS connection cable is required, please consult to your regional sales.

Testing (sensing): output transistor OFF (closed)

CXN60 / CXC60

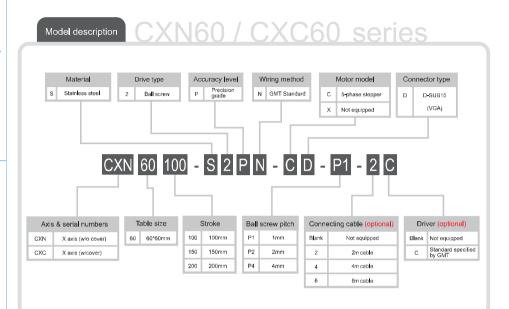


Stroke	L	L1	Р	N	P1
100	190	298,5	50	3	N/A
150	240	348.5	25	4	50
200	290	398.5	50	5	N/A

CXC60□-S2PN-CD-P1

- L	09	60 25 25 25 25 60 60 60 60 60 60 60 60 60 60 60 60 60
	37	P1 PXN P1 04.5:08 9

CXN60 / CXC60 series



	Max	dal Nicosala au		CXN60100-S2PN-CD-P1	CXN60100-S2PN-CD-P2	CXN60150-S2PN-CD-P2	CXN60150-S2PN-CD-P4	CXN60200-S2PN-CD-P2	CXN60200-S2PN-CD-P4	
	IVIO	del Number		CXC60100-S2PN-CD-P1	CXC60100-S2PN-CD-P2	CXC60150-S2PN-CD-P2	CXC60150-S2PN-CD-P4	CXC60200-S2PN-CD-P2	CXC60200-S2PN-CD-P4	
-		Table size				60X60) mm			
Mechanical specifications		Travel stroke		100) mm	150	mm	200) mm	
han		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	
8		Rail				Circular Linea	r ba ll guiding			
S	Stage n	naterial/Surface treatr	nent		Sta	ainless steel / Elec	troless nickel plati	ng		
ecif		Main unit weight		N: 1.47 Kg	/ C: 1.61 Kg	N: 1.8 Kg	C: 1.94 Kg	N:2 Kg/	C: 2.14 Kg	
<u> </u>		Coupling		FAMCS11.6-5*5						
i i	Accuracy level				P : Precision grade					
S	Wiring method					N : GMT	Standard			
	Resolution	r (pulse) Full / H	alf	2 μm / 1 μm	4 μm / 2 μm	4 μm / 2 μm	8 μm / 4μm	4 μm / 2 μm	8 μm / 4 μm	
Pre	Max	imum speed (full step)	20 mm / sec	40 mm / sec	40 mm / sec	80 mm / sec	40 mm / sec	80 mm / sec	
Cis.	P	ositioning precision		10 μm						
Precision specifications	Re	peatability precision		±0.5 µm						
ş		Load capacity		14 Kgf						
Cif		Missed step		1 μm						
<u>a</u>		Parallelism				20	μm			
99	D ₁	ynamic straightness			4 µ	um		6 μm		
٠,		ynamic parallelism			10	μm		15	μm	
	Motor	Type/Shaft numb	ers		5-	phase stepper / 🗆	28 double shafts			
	WICTO	Brand/ Model				Sanyo / SH5	281 - 7211			
프	Dr	iver brand/Model			Please refer t	o motor / driver cr	oss-reference tabl	e (page E3)		
Ĉ.	Connector	Stage side conne	ctor			15-pin male end	connector D-SUB			
<u>8</u>	Connector	Controller side con	ector		15 - pi	n fema l e end conr	nector D-SUB (opt	ional)		
spe		Origin sensor				Photoelectric se	nsor FE-SX4134			
Electrical specifications		Limit sensor								
cat	Sensor	Origin approximation	sensor			N				
iong	3611301	Power voltage				24V±	:10%			
		Control output			NP	N open collector c	utput under 24V 8	imA		
		Output contro			Testing	r (sensing) : outou	it 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 NJC on request as per reference stated on P.171

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

GMT GLOBAL INC.

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XN60 / CXC60 series

Motor model

C 5-phase stepper

X Not equipped

Connecting cable (optional)

Not equipped

2m cable

6m cable

CXN60300-S2PN-CD-P2

4 μm / 2 μm

40 mm / sec

300 mm

N: 2.6 Kg / C: 2.74 Kg

Blank

60X60 mm

Ball screw Ø8 lead 2mm Ball screw Ø8 lead 4mm Ball screw Ø8 lead 2mm Ball screw Ø8 lead 4mm

Circular Linear ball guiding

Stainless steel / Electroless nickel plating

FAMCS11.6-5*5

P : Precision grade

N : GMT Standard

25 µm ±0,5 μm

14 Kaf

20 µm

6 µm

25 µm 5-phase stepper / □28 double shafts

Sanyo / SH5281-7211 Please refer to motor / driver cross-reference table (page E3)

15-pin male end connector D-SUB

15-pin female end connector D-SUB (optional)

Photoelectric sensor EE-SX4134

N/A

24V±10% NPN open collector output under 24V 8mA

Testing (sensing): output transistor OFF (closed)

Wiring method

N GMT Standard

CXN 60 250 - S 2 P N - C D - P2 - 2 C

P2

P4

250 mm

N: 2.3 Kg/C: 2.44 Kg

*GMT motorized stage 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-171

Ball screw pitch

4mm

CXC60250-S2PN-CD-P4

8 µm / 4 µm

80 mm / sec

Accuracy level

Stroke

250 250mm

300 300mm

CXC60250-S2PN-CD-P2

40 mm / sec

Connector type

D-SUB15

(VGA)

Driver (optional)

80 mm / sec

Blank Not equipped C Standard specified by GMT

Drive type

2 Ball screw

Table size

60 60*60mm

Model description

Material

S Stainless steel

Axis & serial numbers

X axis (w/o cover)

Model Number

Table size

Travel stroke

Drive type Rail

Stage material/Surface treatment

Main unit weight

Coupling

Accuracy level Wiring method

Maximum speed (full step)

Positioning precision

Repeatability precision Load capacity

> Missed step Parallelism

Dynamic straightness

Dynamic parallelism

Connector

Stage side connector

Controller side connector

Origin sensor

Limit sensor

Power voltage

Control output

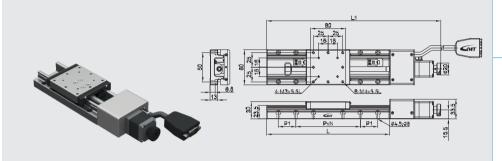
* In case HRS connection cable is required, please consult to your regional sales.

Resolution (pulse) Full / Half

X axis (w/cover)

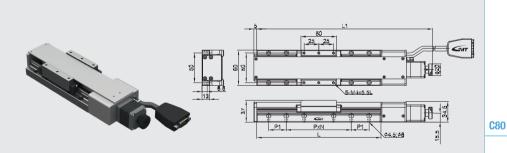
CXN60 / CXC60

CXN60 / CXC60 series



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

CXC60□-S2PN-CD-P1



GMT GLOBAL INC.

CXN60 / CXC60

series

C79

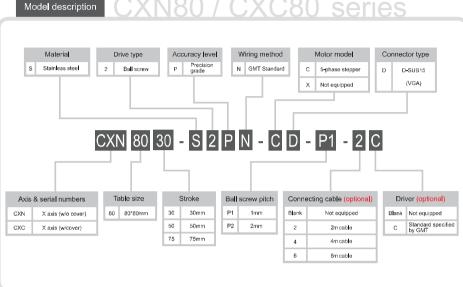
100

GMT GLOBAL INC.

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CXN80 / CXC80 series

CXN80 / CXC80 series



W. L. IV.				CXN8030-S2PN-CD-P1	CXN8030-S2PN-CD-P2	CXN8050-S2PN-CD-P1	CXN8050-S2PN-CD-P2	CXN8075-S2PN-CD-P1	CXN8075-S2PN-CD-P2		
	Mod	del Numb	er	CXC8030-S2PN-CD-P1	CXC8030-S2PN+CD-P2	CXC8050-S2PN-CD-P1	CXC8050-S2PN-CD-P2	CXC8075-S2PN-CD-P1	CXC8075-S2PN-CD-P2		
Mechanical specifications	Table size			80X80 mm							
		Travel str	oke	30	mm	50	mm	75 mm			
		Drive typ	ре	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							
sp	Stage material/Surface treatment			Stainless steel / Electroless nickel plating							
ecif	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		
ica	Coupling					FAMCS	11.6-5*5				
ion	Accuracy level						sion grade				
S	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		
Precision specifications	Maximum speed (full step)		20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec			
Ċ.	Positioning precision			5 μm 7 μm							
9	Repeatability precision			±0,5 μm							
şge	Load capacity			16 Kgf							
C∰.	Missed step			1 μm							
<u>a</u>	Parallelism Parallelism			20 μm							
90	Dynamic straightness			2 μm							
•	Dynamic parallelism			10 µm							
	Motor Type/Shaft numbers			5-phase stepper / □28 double shafts							
			nd/ Model	Sanyo / SH5281-7211							
田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田	Driver brand/Model			Please refer to motor / driver cross-reference table (page E3)							
Ë.	Connector	Stage si	ide connector	15-pin male end connector D-SUB							
<u>8</u>	Odifficator	Controller	side connector	15-pin female end connector D-SUB (optional)							
şge			jin sensor	Photoelectric sensor EE-SX4134							
C∰.	Sensor		it sensor								
£ .		0 11	oximation sensor	or N/A							
Electrical specifications			er voltage	24V±10%							
•		Cont	trol output		NF	PN open collector of	output under 24V 8	BmA			
		Outp	out control		Testin	g (sensing) : outp	ut transistor OFF (closed)			

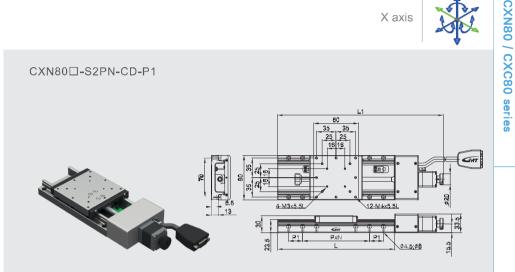
*GMT motorized stage is equipped with D-SUB connector as the standard one which is available to be changed to HRS or NJC on request as per reference stated on P.171

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

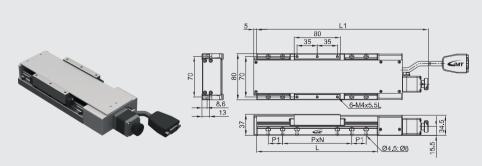




CXN80 / CXC80 series



	Stroke	L	L1	Р	N	P1
	30	140	229	70	1	25
	50	160	247.5	35	4	35
CXC80□-S2PN-CD-P1	75	185	272.5	35	4	35



C82

XN80 / CXC80 series

Motor model

C 5-phase stepper

X Not equipped

Connecting cable (optional)

Not equipped

2m cable

6m cable

15 µm

Blank

4

80X80 mm

150 mm

Circular Linear ball guiding

Stainless steel / Electroless nickel plating

N: 2.32 Kg / C: 2.5 Kg

FAMCS11.6-5*5

P : Precision grade

2 μm / 1 μm 4 μm / 2 μm 4 μm / 2 μm 8 μm / 4 μm 4 μm / 2 μm 8 μm / 4 μm 20 mm / sec 40 mm / sec 40 mm / sec 80 mm / sec 40 mm / sec 80 mm / sec

16 Kaf

20 µm

5-phase stepper / □28 double shafts

Sanyo / SH5281-7211

Please refer to motor / driver cross-reference table (page E3) 15-pin male end connector D-SUB

15-pin female end connector D-SUB (optional) Photoelectric sensor EE-SX4134

N/A

24V±10% NPN open collector output under 24V 8mA Testing (sensing): output transistor OFF (closed)

4 µm

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

Wiring method

N GMT Standard

CXN 80 100 - S 2 P N - C D - P1 - 2 C

P2 2mm

P4

Ball screw pitch

Connector type

D-SUB15

(VGA)

Driver (optional)

Blank Not equipped C Standard specified by GMT

6 µm

Drive type

2 Ball screw

Table size

80 80*80mm

Accuracy level

Stroke

100 100mm

200mm

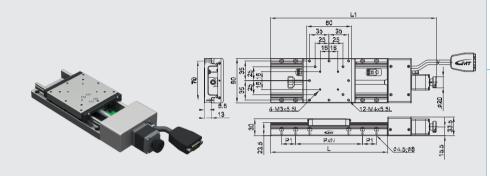
N: 2.02 Kg / C: 2.2 Kg

10 µm

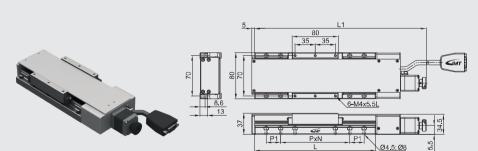
*GMT motorized stage is equipped with D-SUB connector as the standard one which is available to be changed to HRS or NJC on request as per reference stated on P-171

150 150mm / CXC80

CXN80 / CXC80 series



	Stroke	L	L1	Р	N	P1
	100	210	317.5	70	1	35
	150	260	367.5	70	3	N/A
CXC80□-S2PN-CD-P1	200	310	417.5	70	3	35



C84

CXN80 / CXC80

GMT GLOBAL INC.

Model description

Material

S Stainless steel

Axis & serial numbers

X axis (w/o cover)

Model Number Table size

Travel stroke

Drive type

Rail

Stage material/Surface treatment

Main unit weight Coupling

Accuracy level

Maximum speed (full step) Positioning precision

Repeatability precision

Load capacity Missed step Parallelism

Dynamic straightness

Connector

Brand/ Model

Stage side connector

Controller side connector

Limit sensor

Origin approximation sensor

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

Resolution (pulse) Full / Half

X axis (w/cover)

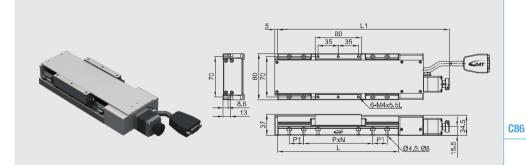
C83

104

105

Stroke	L	L1	Р	N	P1
250	360	467.5	70	4	35
300	410	517 . 5	70	5	N/A

CXC80□-S2PN-CD-P1



CXN80 / CXC80

GMT GLOBAL INC.

C85

Output control

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

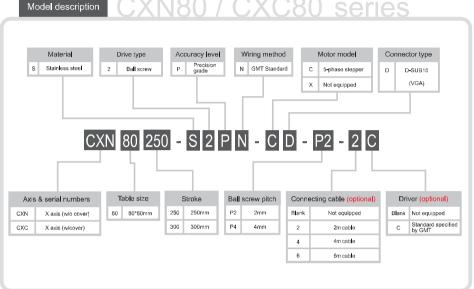
106

107

CXN80 / CXC80 series

CXN80□-S2PN-CD-P1

CXN80 / CXC80 series



Model Number			hau	CXN80250-S2PN-CD-P2	CXN80250-S2PN-CD-P4	CXN80300-S2PN-CD-P2	CXN80300-S2PN-CD-P4			
	IVIOC	iei num	per	CXC80250-S2PN-CD-P2	CXC80250-S2PN-CD-P4	CXC80300-S2PN-CD-P2	CXC80300-S2PN-CD-P4			
-	Table size				80X8	0 mm				
Mechanical specifications	Travel stroke			250 1	mm					
han	Drive type			Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 4mm	Ball screw Ø8 lead 2mm	Ball screw Ø8 lead 4mm			
ca	Rail			Circular Linear ball guiding						
sp	Stage material/Surface treatment			Stainless steel / Electroless nickel plating						
ecif		Main unit	weight	N: 2.9 Kg /	C: 3.08 Kg	N: 3.2 Kg/	C: 3.38 Kg			
ica		Coupl	ing		FAMCS	11.6-5*5				
tion	Accuracy level				P : Precis	sion grade				
S	Wiring method				N : GMT Standard					
	Resolution	(pulse)	Full / Half	4 μm / 2 μm	8 μm / 4 μm	4 μm / 2 μm	8 μm / 4μm			
Pre	Maximum speed (full step)		40 mm / sec	80 mm / sec	40 mm / sec	80 mm / sec				
S.	Positioning precision			25 μm						
B.	Repeatability precision			±0,5 μm						
spe	Load capacity			16 Kgf						
<u>⊆</u>	Missed step			1 μm						
Precision specifications	Para l lelism			20 μm						
ons	Dynamic straightness			6 µm						
•	Dynamic parallelism			25 μm						
	Motor	Type/:	Shaft numbers	5-phase stepper / □28 double shafts						
	WICTO	Bra	and/ Model	Sanyo / SH5281-7211						
ᇤ	Dri	iver brand	/Model	Please refer to motor / driver cross-reference table (page E3)						
ČÍ.	Connector Stage side connector			15-pin male end connector D-SUB						
<u>8</u>	Connector	Controlle	er side connector		15-pin female end conr	nector D-SUB (optional)				
Electrical specifications			igin sensor	Photoelectric sensor EE-SX4134						
			mit sensor		Filotogleculo sellisti EE-5X4134					
cati	Sensor		proximation sensor		N					
ons			wer voltage			±10%				
		Co	ntrol output	NPN open collector output under 24V 8mA						

*GMT motorized stage 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.171

Testing (sensing): output transistor OFF (closed)