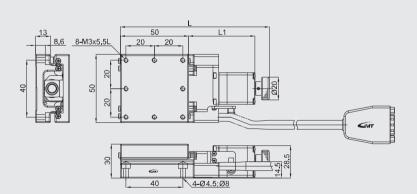
Model description

GMT GLOBAL INC.

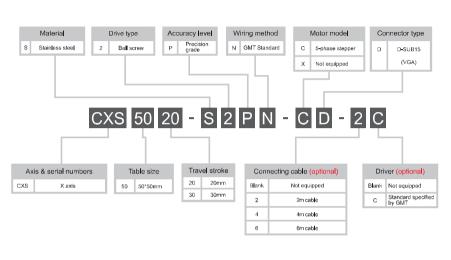
CXS50 series



Precision Motorized X axis Linear-motion Stage Linear ball guiding



Stroke	2	0	30			
Table size	L	L1	L	L1		
50	134	70.5	144	80.5		



	Mod	del Number	CXS5020-S2PN-CD	CXS5030-S2PN-CD					
7		Table size	50X50 mi	m					
lec		Travel stroke	20 mm	30 mm					
han		Drive type	Ball screw Ø8 le	ad 1mm					
Mechanical specifications		Rail	Linear ball gu	uiding					
Sp	Stage n	naterial/Surface treatment	Stainless steel / Electrol	ess nickel plating					
ecif		Main unit weight	0.57 Kg	0.72 Kg					
<u>g</u>		Coupling	FAMCS11.6						
ion		Accuracy level	P : Precision						
S)		Wiring method	N : GMT Sta	ndard					
	Resolution		2 µm / 1 µ						
Precision specifications		imum speed (full step)	20 mm / s	sec					
Cis	Positioning precision		5 μm						
9	Re	peatability precision	±0.5 µm						
spe		Load capacity	6 Kgf						
Ğ;		Missed step	1 µm						
<u>≅</u>		Parallelism	15 μm						
ons		ynamic straightness	2 μm						
		ynamic parallelism	10 μm						
	Motor	Type/Shaft numbers	5-phase stepper / □28	3 double shafts					
		Brand/ Model	Sanyo / SH528						
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	Dr	iver brand/Model	Please refer to motor / driver cross						
유	Connector	Stage side connector	15-pin male end con						
<u>ස</u>	Comicolor	Controller side connector	15-pin female end connector D-SUB (optional)						
spe		Origin sensor	Photoelectric sensor	Photoelectric sensor EE-SX4134					
Ğ;		Limit sensor		LE OMINO					
cati	Sensor	Origin approximation sensor	N/A						
Electrical specifications	0011301	Power voltage	24V±10	**					
-,		Control output	NPN open collector output	ut under 24V 8mA					
		Output control	Testing (sensing): output tra	ansistor 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.

62

C41

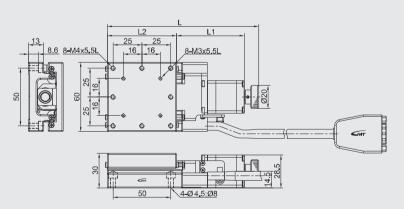
GMT GLOBAL INC.

GMT GLOBAL INC.

CXS60 series

CXS60□-S2PN-CD

Precision Motorized X axis Linear-motion Stage Linear ball guiding



Stroke		20			30			50		
Table size	L	L1	L2	L	L1	L2	L	L1	L	
60	131	58.5	60	141	68.5	60	194	101.5	8	

(S60 series Model description

	Material	Drive	type	Accu	ıracy l	evel	Wiring metho	b	Motor mod	el	Cor	nnector type
s	Stainless steel	2 Bal	Screw	Р	Precis grade		N GMT Standa	rd	C 5-phase ste X Not equippe		D	D-SUB15 (VGA)
		CXS	60 2	20	-	S 2	PN	-	CD-	2	\Box	
Axis	s & serial numbers		60 Z	20		S 2			C D -			er (optional)
			Table size	20				cting ca			Driv	er (optional) Not equipped
	s & serial numbers		Table size	20	Trav	vel stroke	Conne	cting ca	ble (optional)		Driv	Not equipped
Axis	s & serial numbers	60	Table size 60*60mm 60*60mm	20	Trav	vel stroke	Conne Blank	cting ca No	ble (optional) t equipped	Bla	Driv	

	Mod	del Numi	ber	CXS6020-S2PN-CD	CXS6030-S2PN-CD	CXS6050-S2PN-CD				
7		Table s	size	60X60	mm	60X80 mm				
Mechanical specifications		Travel st	troke	20 mm	30 mm	50 mm				
han		Drive ty	уре		Ball screw Ø8 lead 1mm					
ica		Rail			Linear ball guiding					
g	Stage n	nateria l /Sur	rface treatment	Stair	nless steel / Electroless nickel plat	ling				
ecif		Main unit	weight	0.75 Kg	0.8 Kg	1.11 Kg				
<u>g</u>		Coupli	ing		FAMCS11.6-5*5					
on On		Accuracy	level		P : Precision grade					
S		Wiring me	ethod		N : GMT Standard					
	Resolution		Full / Half		2 μm / 1 μm					
Pre			d (full step)		20 mm / sec					
Cis		ositioning p		5 μm						
3	Re	epeatabi l ity		±0.5 μm						
Precision specifications		Load cap		7 Kgf						
Ġ.		Missed		1 µm						
a <u>a</u>		Parallel		20 μm						
ons		ynamic stra	•		2 μm					
-		Dynamic pa	rallelism		10 μm					
	Motor	Type/S	Shaft numbers	5-	ohase stepper / □28 double shafts	s				
			and/ Model		Sanyo / SH5281-7211					
<u>п</u>	Dr	river brand/			o motor / driver cross-reference tal					
Ctr.	Connector		side connector		15-pin male end connector D-SUB					
<u>ස</u>	Comicotor		er side connector	15-pin female end connector D-SUB (optional)						
spe			gin sensor		Photoelectric sensor EE-SX4134					
Ĝ;			mit sensor							
Electrical specifications	Sensor		roximation sensor		N/A					
ons	0011001		wer voltage		24V±10%					
		Coi	ntrol output	NPN	open collector output under 24V 8	8mA				
		Out	tput 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 NJC on request as per reference stated on P.171 * In case HRS connection cable is required, please consult to your regional sales.

64

C43

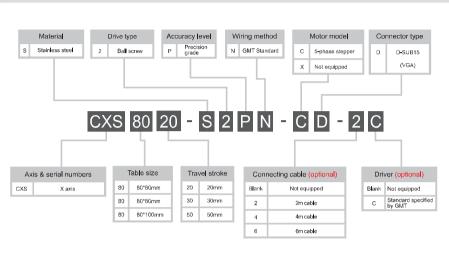
65

C44

Model description

GMT GLOBAL INC.

GMT GLOBAL INC.



	Mode	el Numb	per	CXS8020-S2	PN-CD	CXS8030-S2PN-CD	CXS8050-S2PN-CD				
7		Table si	ize		80X8	30 mm	80X100 mm				
lec		Travel str	roke	20 mn	n	30 mm	50 mm				
an		Drive ty	ре			Ball screw Ø8 lead 1mm					
Mechanical specifications		Rai		Linear ball guiding							
ਝੂ Sta	Stage material/Surface treatment			Stainless steel / Electroless nickel plating							
ecif	M	/ain unit w		1.15 K	g	1.2 Kg	1 . 35 Kg				
<u>8</u>		Couplin	0			FAMCS11.6-5*5					
og .		Accuracy I				P : Precision grade					
		Wiring me				N : GMT Standard					
		pu l se)	Full / Half			2 μm / 1 μm					
Precision specifications			d (full step)	20 mm / sec							
Si:		sitioning p		5 μm							
9		eatabi l ity p				±0.5 μm					
spe		Load capa		8 Kgf							
읊		Missed s		1 μm							
ě.		Paralleli		20 μm							
ons		amic strai				2 μm					
	Dyi	namic par				10 μm					
Mot	or		haft numbers		:	5-phase stepper / □28 double sha	fts				
			nd/ Model			Sanyo / SH5281-7211					
<u>m</u>	Driv	er brand/N		Please refer to motor / driver cross-reference table (page E3)							
Conne	ector		ide connector	15-pin male end connector D-SUB							
<u>86</u>			r side connector	15-pin female end connector D-SUB (optional)							
spe		_	gin sensor		Photoelectric sensor EE-SX4134						
읊			nit sensor								
Conne Sensitive Sensitive	sor	0 11	oximation sensor			N / A					
Suc			ver voltage			24V±10%					
			trol output			PN open collector output under 24V					
		Outp	put control		Testin	ng (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 NJC on request as per reference stated on P.171

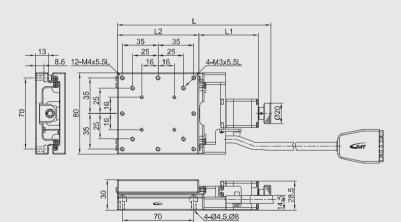
* In case HRS connection cable is required, please consult to your regional sales.

CXS80□-S2PN-CD

CXS80 series



Precision Motorized X axis Linear-motion Stage Linear ball guiding



Stroke		20			30			50	
Table size	L	L1	L2	L	L1	L2	L	L1	L2
80	151	58.5	80	161	68.5	80	194	101.5	100

C46

C45