CY

CYN50 / CYC50 series

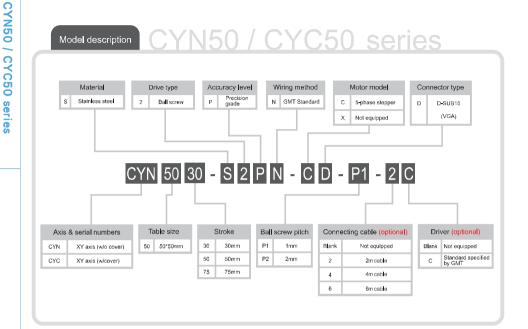
GMT GLOBAL INC.

series

C87

108

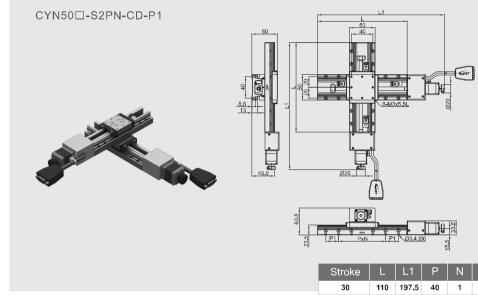
CYN50 / CYC50 series



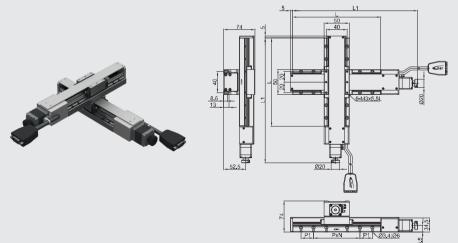
Model Number			CYN5030-S2PN-CD-P1	CYN5030-S2PN-CD-P2	CYN5050-S2PN-CD-P1	CYN5050-S2PN-CD-P2	CYN5075-S2PN-CD-P1	CYN5075-S2PN-CD-P2			
	IVIO	Jei Nulliber		CYC5030-S2PN-CD-P1	CYC5030-S2PN-CD-P2	CYC5050-S2PN-CD-P1	CYC5050-S2PN-CD-P2	CYC5075-S2PN-CD-P1	CYC5075-S2PN-CD-P2		
Mechanical specifications		Table size		50X50 mm							
		Travel stroke		30	mm	50 mm		75 mm			
har	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		
8	Rail			Circular Linear ball guiding							
sp	Stage material/Surface treatment			Stainless steel / Electroless nickel plating							
ec:		Main unit weigl	ht	N: 1.94 Kg	/ C: 2.12 Kg	N: 2.2 Kg/	C: 2.34 Kg	N: 2.48 Kg	/ C: 2,58 Kg		
fica		Coupling				FAMCS	11.6-5*5				
tion	Accuracy level					P : Precis	ion grade				
55		Wiring method	d			N : GMT	Standard				
	Resolution	n (pulse) F	ull / 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		
P	Max	imum speed (fu	II step)	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec		
Og.	Positioning precision			5 μm 7 μm							
Precision specifications	Repeatability precision			±0,5 μm							
g	Load capacity			8 Kgf							
ecifi	Missed step			1 μm							
cat	Parallelism Parallelism			15 μm							
9	Dynamic straightness			2 μm							
()	Dynamic parallelism			10 μm							
	Motor	Type/Shaft numbers		5-phase stepper / □28 double shafts							
	Motor	Brand/ Model		Sanyo / SH5281-7211							
皿	Driver brand/Model		Please refer to motor / driver cross-reference table (page E3)								
악	Connector	Stage side connector		15-pin male end connector D-SUB							
8	Connector	Controller sid	e connector	15-pin female end connector D-SUB (optional)							
sp		Origin s	ensor	Photoelectric sensor EE-SX4134							
ecifi		Limit se	ensor			Filotoelectric ser	1501 LL 3A4134				
Electrical specifications	Connex	Origin approxin	nation sensor			N.	'A				
ions	Sensor	Power voltage			24V±10%						
S		Control	output		NPN open collector output under 24V 8mA						
		Output o	control	Testing (sensing): output transistor OFF (closed)							

- *GMT standard wiring is defined as the product photo, and not optional available.
- *GMTmotorized 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.



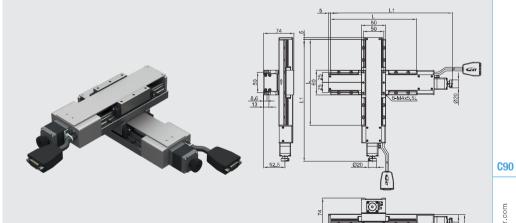


		Stroke	L	L1	Р	N	P1
		30	110	197.5	40	1	20
		50	120	217.5	40	3	N/A
′C50□-S2PN-CD-P1		75	145	242.5	40	3	N/A
74	<u>5.</u>	50 , 40	L1	-			



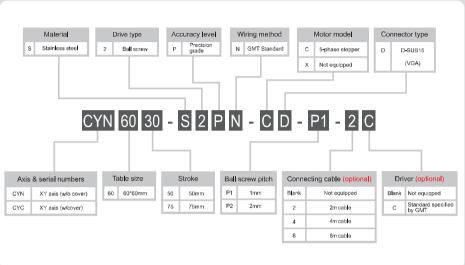
Stroke	L	L1	Р	N	P1
30	120	209	50	1	25
50	140	229	50	1	25
75	165	254	50	3	N/A

CYC60□-S2PN-CD-P1



CYN60 / CYC60 series

Model description



Madal Number			CYN6030-S2PN-CD-P1	CYN6030-S2PN-CD-P2	CYN6050-S2PN-CD-P1	CYN6050-S2PN-CD-P2	CYN6075-S2PN-CD-P1	CYN6075-S2PN-CD-P2			
	Model Number			CYC6030-S2PN-CD-P1	CYC6030-S2PN-CD-P2	CYC6050-S2PN-CD-P1	CYC6050-S2PN-CD-P2	CYC6075-S2PN-CD-P1	CYC6075-S2PN-CD-P2		
7	Table size			60X60 mm							
Mechanical specifications	Travel stroke			30	mm	50	mm	75 mm			
han	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		
8	Rail			Circular Linear ball guiding							
sp	Stage material/Surface treatment			Stainless steel / Electroless nickel plating							
ecif	Main unit weight			N: 2.2 Kg /	C: 2.58 Kg	N: 2.38 Kg	/ C: 2.66 Kg	N: 2.6 Kg/	C: 2.88 Kg		
ica i	Coupling					FAMCS	11.6-5*5				
ion	Accuracy level			P: Precision grade							
S	Wiring method					N : GMT	Standard				
	Reso l ution	.,	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	Maximum speed (full step)		1 /	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec	20 mm / sec	40 mm / sec		
Ĉ.	Positioning precision			5 µm 7 µm							
음	Repeatability precision			±0,5 μm							
Precision specifications	Load capacity			10 Kgf							
Ĝ;	Missed step			1 μm							
좙	Para l lelism			15 µm							
Snc	Dynamic straightness			2 μm							
	Dynamic parallelism			10 µm							
	Motor	Type/Shaft numbers		5-phase stepper / □28 double shafts							
		Brand/ Model		Sanyo / SH5281-7211							
E -	Driver brand/Model		Please refer to motor / driver cross-reference table (page E3)								
∯ c	Connector		ide connector	15-pin male end connector D-SUB							
8			r side connector	15-pin female end connector D-SUB (optional)							
spe	Sensor	Origin sensor		Photoelectric sensor EE-SX4134							
읊			nit sensor								
C Electrical specifications		Origin approximation sensor		N/A							
ons			ver voltage		24V±10%						
			trol output				output under 24V 8				
	Output control			Testing (sensing) : output transistor OFF (closed)							

*GMT standard wiring is defined as the product photo, and not optional available.

*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.

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C89

GMT GLOBAL INC.

CYN60 / CYC60

series

4m cable 6m cable

CYN80 / CYC80 series

GMT GLOBAL INC.

CYN80 / CYC80 series

C91

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Model description Material Drive type Accuracy level Wiring method Motor model Connector type N GMT Standard S Stainless steel C 5-phase stepper D-SUB15 X Not equipped

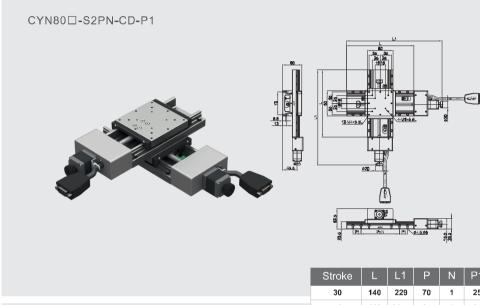
> 75 75mm

(VGA) CYN 80 30 - S 2 P N - C D - P1 - 2 C Axis & serial numbers Ball screw pitch Connecting cable (optional) Driver (optional) 80 80*80mm 30 XY axis (w/o cover) 30mm Blank Not equipped Blank Not equipped C Standard specified by GMT 50 50mm P2 2mm XY axis (w/cover) 2m cable

	Ma	dal Nivea	la a u	CYN8030-S2PN-CD-P1	CYN8030-S2PN-CD-P2	CYN8050-S2PN-CD-P1	CYN8050-S2PN-CD-P2	CYN8075-S2PN-CD-P1	CYN8075-S2PN-CD-P2		
Model Number			ber	CYC8030-S2PN-CD-P1	CYC8030-S2PN-CD-P2	CYC8050-S2PN-CD-P1	CYC8050-S2PN-CD-P2	CYC8075-S2PN-CD-P1	CYC8075-S2PN-CD-P2		
-	Table size			80X80 mm							
Mechanical specifications	Travel stroke			30 r	nm						
	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							
sp	Stage n	nateria l /Su	rface treatment		Sta	inless steel / Elect	troless nickel platii	ng			
ecif		Main unit	weight	N: 1.94 Kg	/ C : 2.12 Kg	N: 2.2 Kg/0	C: 2.34 Kg	N: 2.48 Kg	/ C: 2.58 Kg		
ica		Coupli	ing			FAMCS1	11.6-5*5				
lion		Accuracy	level			P : Precis	ion grade				
S	Wiring method					N : GMT :	Standard				
	Resolution	n (pu l se)	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	Maximum speed (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							
ion	Repeatability precision			±0,5 μm							
spe	Load capacity			14 Kgf							
oci f i		Missed	step	1 μm							
cati	Parallelism			20 μm							
ons	Dynamic straightness			2 μm							
٠,	Dynamic parallelism			10 μm							
	Motor	Type/Shaft numbers Brand/ Model		5-phase stepper / □28 double shafts							
				Sanyo / SH5281-7211							
Ш	Driver 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>	Odmicolor	Controller side connector		15-pin female end connector D-SUB (optional)							
Electrical specifications			igin sensor	Photoelectric sensor EE-SX4134							
			mit sensor								
cati	Sensor	Origin approximation sensor Power voltage			N/A						
ons	3611801			24V±10%							
J,		Control output		NPN open collector output under 24V 8mA							

Testing (sensing): output transistor OFF (closed)

- Output control *GMT standard wiring is defined as the product photo, and not optional available.
- *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.



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

25 35 4 35 185 272.5 35 CYC80□-S2PN-CD-P1

