Model description

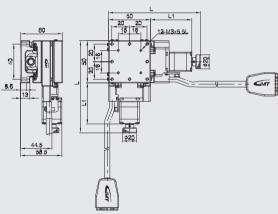
GMT GLOBAL INC.

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Precision Motorized XY axis Linear-motion Stage Linear ball guiding

CYS50 series





	<del></del>	
8	Gur -	88 (5)
	40 4-64.5;08	2
	•	-1

Stroke	2	0	3	0
Table size	L	L1	L	L1
50	134	70.5	144	80.

YS50 series

Mate	eria <b>l</b>		Orive type	Accur	acy level	Wiring meth	od	Motor model	Co	onnector type
Stain	ess steel	2	Ball screw		Precision grade	N GMT Stand	lard C	5-phase stepper	D	D-SUB15
							х	Not equipped		(VGA)
		CY	S 50	20	- S	2 P N	- C	D - 2	C	
Axis &	serial numb		S 50		- S		- C			ver (optional)
Axis &	serial numb			e		ke Conn		(optional)		ver (optional) Not equipped
			Table size	e m	Travel stro	ke Conn	ecting cable	(optional)	Dri	Not equipped
			Table size	e m	Travel strol	ke Conn	ecting cable Not equ	(optional) pipped	Dri Blank	

Iv	lodel Number	CYS5020-S2PN-CD	CYS5030-S2PN-CD			
7	Table size	50X:	50 mm			
Stag Stag Mechanical specifications	Travel stroke	20 mm	30 mm			
han	Drive type	Ball screw (	Ø8 lead 1mm			
ica	Rail	Linear ball guiding				
्ध Stag	e material/Surface treatment	Stainless steel / Electroless nickel plating				
ecif	Main unit weight	1.14 Kg				
<u>g</u>	Coupling	FAMCS11.6-5*5				
tion	Accuracy level	P: Precision grade				
S	Wiring method	N : GMT	Γ Standard			
	ion (pulse) Full / Half	2 μm / 1 μm				
P <sub>R</sub> N	laximum speed (full step)	20 mm / sec				
Cis	Positioning precision	5	μm			
<u>i</u>	Repeatability precision	±0.	.5 μm			
spe	Load capacity	5	Kgf			
SE SE	Missed step	1	μm			
Precision specifications	Parallelism	15 μm				
ong	Dynamic straightness	2 µm				
<b>3</b> ,	Dynamic parallelism	10	) µm			
Motor	Type/Shaft numbers	5-phase stepper /	□28 double shafts			
WICTOR	Brand/ Model	Sanyo / S	Sanyo / SH5281-7211			
<u>m</u>	Driver brand/Model	Please refer to motor / driver cross-reference table (page E3)				
Connec	Stage side connector	15-pin male end	I connector D-SUB			
Connec	Controller side connector	15-pin female end cor	nnector D-SUB (optional)			
ş	Origin sensor	Photoelectric sensor EE-SX4134				
ecifi	Limit sensor	i notoelectric se	Elisor EL GA4134			
Senso	Origin approximation sensor	1	N/A			
Connec Sensor	Power voltage	24	V±10%			
<b>.</b>	Control output	NPN open collector output under 24V 8mA				
	Output control	Testing (sensing): outp	out 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.

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**C47** 

69

GMT GLOBAL INC.

Model description

CYS60 series

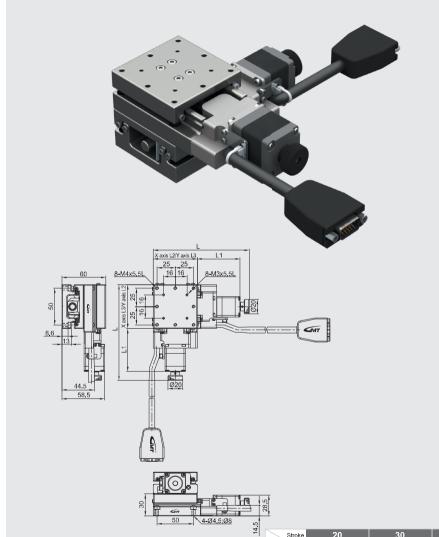
Material Drive type Accuracy level Wiring method Motor model Connector type S Stainless steel 2 Ball screw N GMT Standard C 5-phase stepper D-SUB15 (VGA) X Not equipped CYS 60 20 - S 2 P N - C D - 2 C Table size Travel stroke Axis & serial numbers Connecting cable (optional) Driver (optional) 20 20mm 60 60\*60mm Not equipped Blank Not equipped 30 C Standard specified by GMT 60 60\*60mm 30mm 2m cable 2 50 50mm 60 60\*80mm 4m cable 6m cable

М	odel Num	ber	CYS6020-S2PN-CD	CYS6030-S2PN-CD	CYS6050-S2PN-CD			
7	Table :	size	60X60	) mm	60X80 mm			
lect	Travel s	troke	20 mm	30 mm	50 mm			
nan e	Drive t			Ball screw Ø8 lead 1mm				
State of the state	Rail Stage material/Surface treatment Main unit weight Coupling			Linear ball guiding				
පු Stage			Stainless steel / Electroless nickel plating					
cifi			1.5 Kg	1.6 Kg	2.22 Kg			
翌			FAMCS11.6-5*5					
ong	Accuracy			P : Precision grade				
	Wiring m		N : GMT Standard					
	on (pu <b>l</b> se)	Full / Half		2 μm / 1 μm				
E M	aximum spec	,	20 mm / sec					
Si.	Positioning		5 μm					
on s	Repeatability	•	±0.5 μm					
ő	Load cap		6 Kgf					
Sife .	Missed		1 µm					
≥ Precision specifications	Paralle		20 μm					
ons	Dynamic stra	•	2 μm					
	Dynamic parallelism			10 μm				
Motor	Motor Type/Shaft numbers		5	-phase stepper / □28 double shafts				
	Brand/ Model		Sanyo / SH5281-7211					
<u>m</u>	Driver brand/Model		Please refer	Please refer to motor / driver cross-reference table (page E3)				
Connect	or	side connector	15-pin male end connector D-SUB					
<u>86</u>		er side connector	15-pin female end connector D-SUB (optional)					
<del>Spe</del>		igin sensor mit sensor	Photoelectric sensor EE-SX4134					
Sife .				N/A				
Connect  Connect  Sensor	0 11	proximation sensor wer voltage	N/A					
ns			24V±10%					
		ntrol output	NPN open collector output under 24V 8mA					
	Ou	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.

CYS60□-S2PN-CD



**C50** 

131 58.5 60 60 141 68.5 60 60 194 101.5 80 60

**C49** 

GMT GLOBAL INC.

CYS80 series

**C51** 

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CYS80 series

Model description

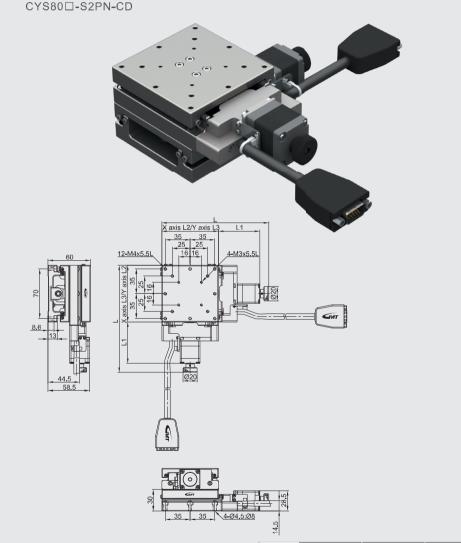
Material Drive type Accuracy level Wiring method Motor model Connector type S Stainless steel 2 Ball screw N GMT Standard C 5-phase stepper D-SUB15 (VGA) X Not equipped CYS 80 20 - S 2 P N - C D - 2 C Table size Travel stroke Axis & serial numbers Connecting cable (optional) Driver (optional) 20 20mm 80 80\*80mm Not equipped Blank Not equipped 30 C Standard specified by GMT 80 80\*80mm 30mm 2m cable 2 50 50mm 80 80\*100mm 4m cable 6m cable

М	ode <b>l</b> Nun	nber	CYS8020-S2PN-CD	CYS8030-S2PN-CD	CYS8050-S2PN-CD			
7	Table	size	80X80	mm	80X100 mm			
Stage	Travel	stroke	20 mm	30 mm	50 mm			
nan	Drive	type		Ball screw Ø8 lead 1mm				
ica .	Rail Stage material/Surface treatment Main unit weight			Linear ba <b>l</b> guiding				
्र Stage			Stainless steel / Electroless nickel plating					
ecifi			2.3 Kg	2.4 Kg	2.7 Kg			
<u>Ca</u>	Coup	0	FAMCS11.6-5*5					
ion i	Accurac	•	P : Precision grade					
•	Wiring r			N : GMT Standard				
	ion (pu <b>l</b> se)	Full / Half		2 μm / 1 μm				
M Precision specifications	•	eed (full step)	20 mm / sec					
CIS:	Positioning		5 μm					
Sh .	Repeatabi <b>l</b> it	, ,	±0.5 μm					
spe	Load ca		7 Kgf					
Cific	Missed		1 µm					
at .	Paral		20 μm					
Suc	Dynamic st		2 μm					
	Dynamic parallelism			10 μm				
Motor	Motor Type/Shaft numbers		5-	5-phase stepper / □28 double shafts				
	Brand/ Model		Sanyo / SH5281-7211					
<u>—</u>	Driver brand/Model			Please refer to motor / driver cross-reference table (page E3)				
Connect	or .	e side connector	15-pin male end connector D-SUB					
<u>86</u>		ler side connector	15-pin female end connector D-SUB (optional)					
spec		origin sensor	Photoelectric sensor EE-SX4134					
effic	Limit sensor		NI / A					
Connect  Connect  Sensor		proximation sensor	N/A					
sno		ower voltage	24V±10%					
		ontrol output		l open collector output under 24V 8				
	0	utput 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.

Precision Motorized XY axis Linear-motion Stage Linear ball guiding



151 58.5 80 80 161 68.5 80 80 194 101.5 100 80