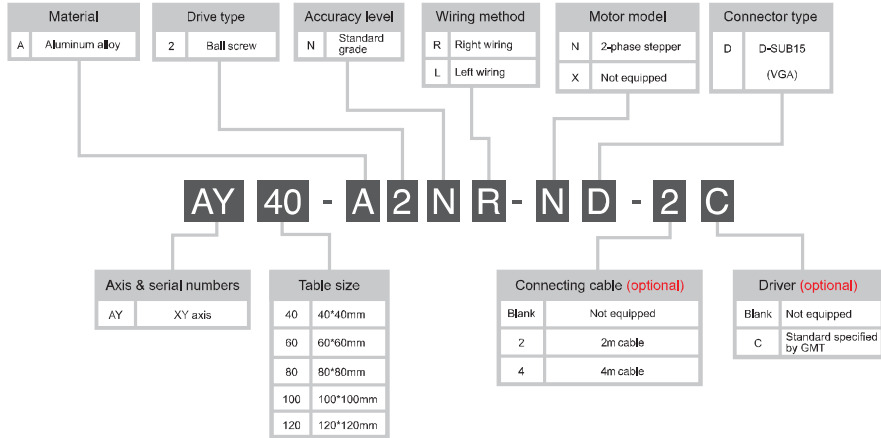


Model description

AY-A series



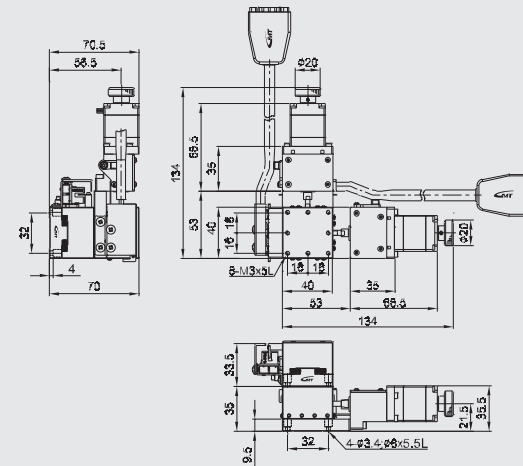
Model description	AY40-A2NR-ND	AY60-A2NR-ND	AY80-A2NR-ND	AY100-A2NR-ND	AY120-A2NR-ND	
	AY40-A2NL-ND	AY60-A2NL-ND	AY80-A2NL-ND	AY100-A2NL-ND	AY120-A2NL-ND	
Mechanical specifications	Table size	40X40 mm	60X60 mm	80X80 mm	100X100 mm	120X120 mm
	Travel stroke	15 mm	20 mm	30 mm	40 mm	70 mm
	Drive type	Ball screw Ø6 lead 1mm				
	Rail	Crossed-roller guiding				
	Stage material/Surface treatment	Aluminum alloy / Black anodized				
Precision specifications	Main unit weight	0.76 Kg	1.38 Kg	2.42 Kg	3.3 Kg	5.24 Kg
	Coupling	FAMMS12-3*5	FAMS16-5*5		FAMMS16-5*5	
	Accuracy level	N : Standard grade				
	Wiring method	R : Right wiring (Inventory specification) / L : Left wiring				
	Resolution (pulse)	Full / Half 5 µm / 2.5 µm				
	Maximum speed (full step)	10 mm / sec				
	Positioning precision	15 µm				
	Repeatability precision	±1 µm				
	Load capacity	5.0 Kgf		19 Kgf	21 Kgf	22 Kgf
	Dynamic parallelism	6.6 µm				
Electrical specifications	Motor	Type/Shaft numbers 2-phase stepper / □28 double shafts		2-phase stepper / □42 double shafts		
		Brand/Model GMT / ZMS-N28D32A		GMT / GTR22G-D (Additional options) GMT / 2MS-N42D47A		
	Connector	Driver brand/Model		15-pin male end connector D-SUB		
		Stage side connector		15-pin female end connector D-SUB (optional)		
	Sensor	Controller side connector		Photoelectric sensor EE-SX4134		
		Origin sensor		24V±10%		
		Limit sensor		NPN open collector output under 24V 8mA		
		Power voltage		Testing (sensing): output transistor OFF (closed)		
		Control output				

© GMT Standard Motorized Stage series 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.160.
 ◯ In case HRS connection cable is required, please consult to your regional sales.

XY axis

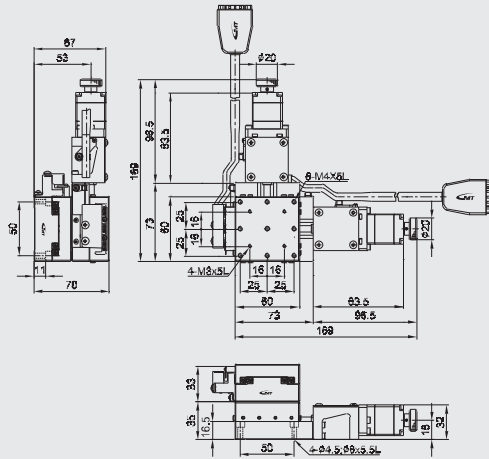


AY40-A2NR-ND

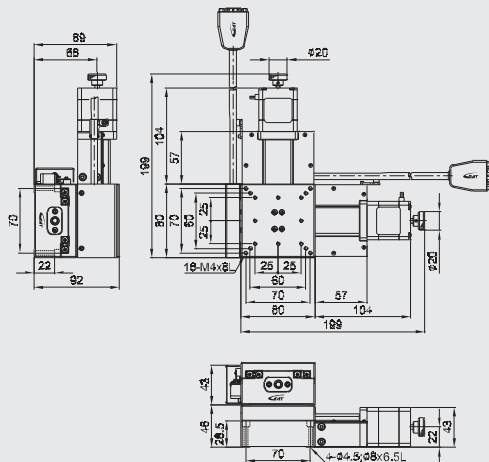


© Photo is AY80-A2NR-ND ◯

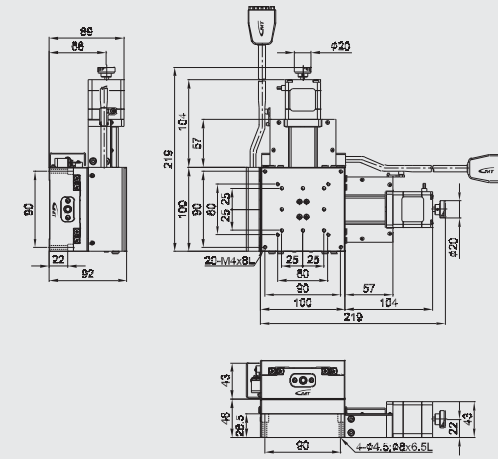
AY60-A2NR-ND



AY80-A2NR-ND



AY100-A2NR-ND



AY120-A2NR-ND

