YMS45

Ordering method

YMS45-		ER	CX-	-
12: 12mm 6: 6mm	Brake - Stroke 50 to 200 (50mm pitch) Brakes provided	Control (Standard) 5L: 5m 10L: 10m 3K/5K/10K Note 1	Oller - Usable for CE No entry: Standard E: CE marking	Network option No entry: None CC: CC-Link DN: DeviceNet PB: Profibus EN: Ethernet Battery No entry: None B1: 700mAh (Standard) B2: 200mAh
		ER	CD-	
		Contr	CN1: I/O flat cable 1	connector specification m (Standard) able 2m (pulse train function)

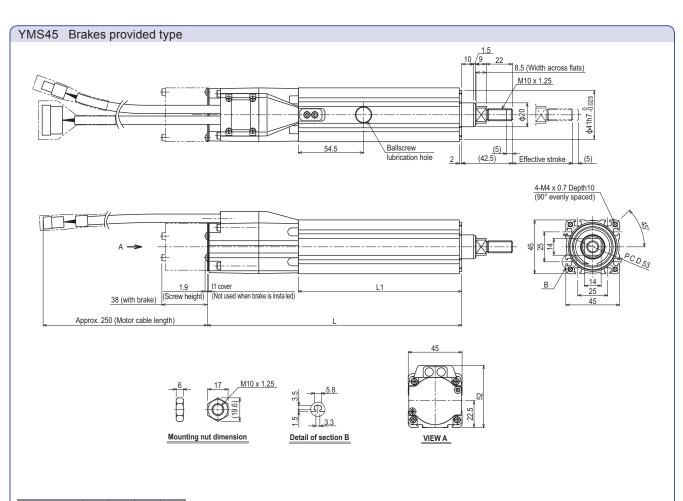
Note 1. The robot cable is standard cable, but can be changed to bend-resistant cable. See P.424 for details on robot cable.

■ Specifications							
AC servo motor	output (W)	30					
Repeatability (n	nm)	+/-0.02					
Deceleration mechanism		Ball screw ф8 (Class C10)					
Ball screw lead (mm)		12	6				
Maximum speed (mm/sec)		600	300				
Maximum payload (kg)	Horizontal	4.5	6				
	Vertical	1	2				
Rated thrust (N) Note 1		32	64				
Stroke (mm)		50 to 200 (50mm pitch)					
Cable length (m)		Standard: 3 5 / Option: 5,10					
Linear guide type		_					
Position detector		Resolvers					
Resolution (Pulse/rotation)		16384					

Note. Be sure that radial loads are not applied to the rod.
Note 1. The thrust control accuracy is not guaranteed.

■ Controller						
Controller	Operation method					
ERCD	Pulse train control / Programming / I/O point trace / Remote command / Operation using RS-232C communication					
ERCX (3A) Note	Programming / I/O point trace / Remote command / Operation using RS-232C communication					

Note. This is the required power supply capacity. An insufficient power supply capacity can reduce performance.



Effective stroke	50	100	150	200
L1	136 5	186.5	236.5	286 5
L	212 5	262.5	312.5	362.5
Weight (kg) Note	1.1	1.3	1.5	1.7

Note. Weight of models with no brake. The weight of brake-attached models is 0.2 kg heavier than the models with no brake shown in the table.