METS2-14 series

44indman

SLIDER ELECTRIC CYLINDER (WITHOUT MOTOR)



Use environment	Standard		Servo motor	200W / 400W	
Actuation type	Ball screw		Guide type	Linear guide	

Feature

- Modular product can save your time of designing and assembly, and greatly increase your development efficiency.
- High stiffness body made with integrated aluminum extrusion.
- It provides several position for motor installment.
- It is available for customized service.

Specification

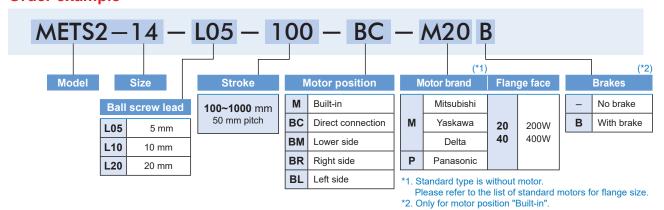
Model	METS2-14				
Positioning repeatability	(mm)	±0.01			
Lead	(mm)	5	10	20	
Max. speed	(mm/s)	250	500	1000	
Stroke	(mm)	100~1000 / 50 pitch			
Ball screw O.D.	(mm)	C7 ø16			
Coupling	(mm)	10×14 / 10×11 (*1)			
Slot-type photomicro s	RLT (Please refer to page 5-16)				

AC servo motor			200W			
Max.	Horizontal	(kg)	95	75	35	
payload	Vertical	(kg)	27	18	6	
Rated thr	ust	(N)	683	341	174	

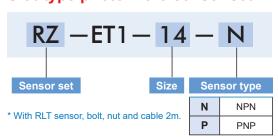
AC servo	AC servo motor			400W			
Max.	Horizontal	(kg)	110	88	40		
payload	Vertical	(kg)	33	22	8		
Rated thr	ust	(N)	1388	694	347		

- *1. Motor (200W) shaft diameter : Panasonic ø11, others ø14.
- *2. When the stroke is over 750mm, the run-out of the ball screw will occur. We recommend to low down the working speed under this circumstance.
- *3. Acceleration and deacceleration value are set to 0.2 second.

Order example



Slot-type photomicro sensor set



Accessory kits



^{*} With interrupter and bolt.

