



### Specification

Model	MEQI								
Size	32		50			63			
Positioning repeatability (mm)	±0.02								
Lead *1 (mm)	1	2	5	10	20	5	10	20	
Ball screw (ø)	C7ø8		C7ø16			C7ø20			
Stroke/Pitch (mm)	100~400/50		100~600/50			100~800/50			
Anti-rotation tolerance (°)	±0.4								
Start torque (N.m)	<0.05	<0.1	<0.2	<0.25	<0.3	<0.3	<0.35	<0.4	
Sensor switch	RDFE (Refer to page 5-11)								
With AC servo motor (W)	100				400				
Max. speed *2 (mm/s)	50	100	250	500	1000	250	500	1000	
Rated thrust (N)	1800	900	1560	780	390	1560	780	390	
Work load *3	Horizontal *4 (kg)	16	22	110	88	40	110	88	40
	Vertical (kg)	4	5.5	33	22	10	33	22	10
With step motor	□42				□56				
Max. speed *2 (mm/s)	50	100	125	250	500	125	250	500	
Rated thrust (N)	1700	850	1120	560	280	1120	560	280	

Motor type	Servo / Step	Transmission	Ball screw
Environment	Standard	Guide type	Slide guide

- \*1. Other ball screw accuracy or lead is optional.
- \*2. Acceleration and deceleration value is set 0.2 second.
- \*3. An external guide is necessary to support the load.  
The operating speed under work load is less than maximum speed.
- \*4. When the friction coefficient of carriage is 0.25.

### Order example

**MEQI — 50 L05 — 200 — BC — S 56**

Model	Size	Ball screw lead	Stroke	Size	Motor position	Motor brand (*2)	Flange face	Size	
32	L01	1 mm	100~400	32	BC	M	10	100W servo	
		2 mm	100~600	50					
50 63	L05	5 mm	100~800	63	BA	P	40	400W servo	
		L10							10 mm
		L20							20 mm
		S							42
B	56	□56 Step (*1)	50 63						

- \*1. Step motors are without brake.
- \*2. Standard type is without motor.  
Please refer to the list of standard motors for flange size.