

METSC Slider electric cylinder

Use where	Drive mode	Specification	Motor dimension (mm)	Width of profile (mm)	Repeatability (mm)	Ball screw spec (Accuracy C7)		Maximum payload(kg)		Maximum speed ^{※1} (mm/s)
						Outer diameter (mm)	Lead (mm)	Horizontal (mm)	Vertical (mm)	
Standard	Ball screw	METSC-5	□42	51	±0.01	12	5	10	3	250
							10	5	3	500
		METSC-6	□42	65	±0.01	12	5	30	10	250
							10	15	6	500
		METSC-10	□42	102	±0.01	16	5	50	12	250
							10	30	8	500
							20	15	4	1000
		METSC-12	□42	102	±0.01	16	5	50	12	250
							10	30	8	500
							20	18	4	1000
		METSC-13	□42	135	±0.01	16	5	70	12	250
							10	47	8	500
20	24						5	1000		

※1. The working condition of max. speed is restricted limited. Please refer to the curve graph of speed and loading in this catalog.

※2. The number written in the column means the highest safe speed within stroke.

If the speed is over the value shown in the chart, the vibration will be caused on the actuator.

MEQYC Rod electric cylinder

Use where	Drive mode	Specification	Motor dimension (mm)	Width of profile (mm)	Repeatability (mm)	Ball screw spec (Accuracy C7)		Maximum payload(kg)		Maximum speed ^{※1} (mm/s)
						Outer diameter (mm)	Lead (mm)	Horizontal (mm)	Vertical (mm)	
Standard	Ball screw	MEQYC-50	□42	52	±0.01	12	5	30	15	250
							10	15	12	500
		MEQYC-50D	□42	52	±0.01	12	5	30	15	250
							10	15	12	500
		MEQYC-50L	□42	52	±0.01	12	5	30	15	250
							10	15	12	500
		MEQYC-65	□56	65	±0.01	16	5	110	30	250
							10	88	20	500
							20	40	10	1000
		MEQYC-65D	□56	65	±0.01	16	5	110	30	250
							10	88	20	500
							20	40	10	1000
MEQYC-65L	□56	65	±0.01	16	5	110	30	250		
					10	88	20	500		
					20	40	10	1000		

※1. The working condition of max. speed is restricted limited. Please refer to the curve graph of speed and loading in this catalog.

※2. The number written in the column means the highest safe speed within stroke.

If the speed is over the value shown in the chart, the vibration will be caused on the actuator.

METSC / MEQYC Specification index



SLIDER / ROD ELECTRIC CYLINDER - BALL SCREW DRIVE (WITH MOTOR)

Mindman

Stroke	Stroke(mm) & Maximum speed(mm/s) ※2																			Speed	Page											
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950			1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500
250													225	200	175	150																4-72
500													450	400	350	300																4-76
250													225	200	175	150																4-80
500													450	400	350	300																4-84
1000													900	800	700	600	500	400														4-88
250													225	200	175	150	125	100														
500													450	400	350	300	250	200														
1000													900	800	700	600	500	400														
250													225	200	175	150	125	100														
500													450	400	350	300	250	200														
1000													900	800	700	600	500	400														

Stroke	Stroke(mm) & Maximum speed(mm/s) ※2																			Speed	Page											
	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950			1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500
250																																4-98
500																																4-101
250																																4-104
500																																4-107
1000																																4-110
250																																4-113
500																																
1000																																