

METG / METS(2) / MEQG Specification index



SLIDER ELECTRIC CYLINDER - BALL SCREW DRIVE (WITHOUT MOTOR)

METG / METS(2) / MEQG Slider electric cylinder

Use where	Drive mode	Specification	Motor output (W)	Width (mm)	Repeatability (mm)	Ball screw spec		Ball screw spec (kg)		Max. speed *1 (mm/s)	
						Outer diameter (mm)	Lead (mm)	Horizontal (mm)	Vertical (mm)		
Standard	Ball screw	METG-4	50W	44	± 0.01	10	2	25	8	100	
							6	20	5	300	
							12	12	2	600	
			100W	44	± 0.01	10	2	25	8	100	
							6	20	8	300	
							12	12	3.5	600	
		METG-5	100W	54	± 0.01	12	2	30	10	100	
							5	30	10	250	
							10	15	5	500	
							20	10	2.5	1000	
							5	50	15	250	
							10	30	8	500	
		METG-8	200W 400W	82	± 0.01	16	20	18	3	1000	
							5	95	27	250	
							10	75	18	500	
							16	44	7	800	
							20	35	6	1000	
							5	110	33	250	
		METS2-14	200W	135	± 0.01	16	10	88	22	500	
							16	48	10	800	
							20	40	8	1000	
							5	120	40	250	
							10	110	30	500	
							20	75	14	1000	
		METS-17	400W	170	± 0.01	20	40	35	7	2000	
							5	120	50	250	
							10	120	40	500	
							20	83	25	1000	
							40	50	10	2000	
							5	150	55	250	
		METS-22	750W	220	± 0.01	25	10	150	45	500	
							25	120	20	1250	
							20	60	10	2000	
							2	30	10	100	
							5	30	10	250	
							10	15	5	500	
		MEQG-5	100W	54	± 0.01	12	20	10	2.5	1000	
							5	50	15	250	
							10	30	8	500	
							20	18	3	1000	
							5	50	15	250	
							10	30	8	500	
		MEQG-8	200W 400W	82	± 0.01	16	20	18	3	1000	

*1. The highest speed is based on the maximum servo motor's rpm (3000).

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	Stroke (mm) & Max. speed (mm/s) *2																											Page									
	Stroke	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					
		100											90	80	70	60	50																	4-20			
		300											270	240	210	180	150																				
		600											540	480	420	360	300																				
		100											90	80	70	60	50																				
		300											270	240	210	180	150																				
		600											540	480	420	360	300																		4-24		
		100												90	80	70	60																				
		250												270	200	175	150																				
		500												450	400	350	300																				
		1000												900	800	700	600																				4-28
		250												225	200	175	150	125	100	75																	
		500												450	400	350	300	250	200	150																	
		1000												900	800	700	600	500	400	300																	
		250												225	200	175	150	125																			
		500												450	400	350	300	250																	4-32		
		800												720	640	560	480	400																			
		1000												900	800	700	600	500																			
		250												225	200	175	150	125																			
		500												450	400	350	300	250																			
		800												720	640	560	480	400																			
		1000												900	800	700	600	500																		4-37	
		250																250	200	175	150																
		500																450	400	350	300																
		1000																900	800	700	600																
		2000																1800	1600	1400	1200																
		250																225	200	175	150																
		500																450	400	350	300																
		1000																900	800	700	600																
		2000																1800	1600	1400	1200														4-44		
		250																225	200	175	150																
		500																450	400	350	300																
		1250																1125	1000	875	750																
		2000																1800	1600	1400	1200														4-55		
		100																																			
		250																																			
		500																																			
		1000																																	4-59		
		250																225																			
		500																450																			
		1000																900																			

*2. Written here is the standard strokes maximum safe speed. If over this speed, may cause serious vibration.