

Single Axis Robot

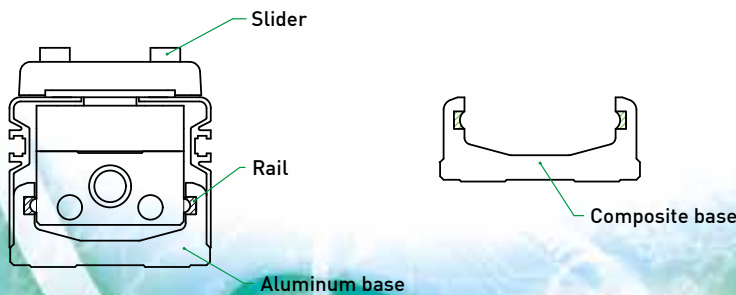
All New KC Series

Features

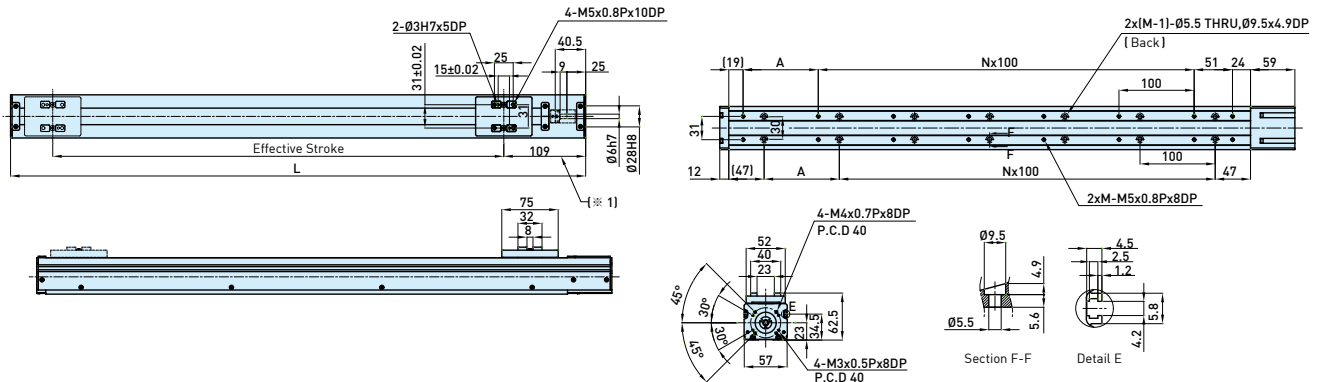
- ◆ Lightweight with composite material base
- ◆ Integration with ballscrew and guideway
- ◆ Dust-proof
- ◆ High stiffness
- ◆ Can assemble with motor

Applications

- ◆ High Precision Industry
- ◆ FPD Industry
- ◆ Medical applications
- ◆ Automatic feeding system
- ◆ Automatic testing equipment
- ◆ Automatic assembly equipment



KC060	-10	P	-600	A	F0	S1	M
Model	Lead	Accuracy Grade	Effective Stroke	Load Type	Motor Flange	Limit Switch	Motor
	5 mm 10 mm	C: Normal P: Precision		A: Standard	F0 FE:Special Order	S1: OMRON SX671 S2: OMRON SX674 S3: SUNX GX-F12A S4: SUNX GX-F12A-P None: Without Sensor	M: Supplied With Motor None: Without Motor



Effective Stroke (mm)	L	A	M	N	Weight (kg)	AC motor output	W	50	
50	215	50	3	0	1.4	Drive		Ballscrew C7	
100	265	100	3	0	1.5	Lead	mm	5 10	
150	315	50	4	1	1.7	Rated RPM	mm/sec	250 500	
200	365	100	4	1	1.8	Max linear speed	RPM	3000 3000	
250	415	50	5	2	2	Rated thrust	N	140 70	
300	465	100	5	2	2.1	Repeatability	mm	±0.02	
350	515	50	6	3	2.3	Effective Stroke	mm	50-600	
400	565	100	6	3	2.4	Max load (H)	kg	12 6	
450	615	50	7	4	2.6	Max load (V)	kg	3 1.5	
500	665	100	7	4	2.7	Rated dynamic load *2	Cd	N	117
550	715	50	8	5	2.9		Mxd	N-m	17.9
600	765	100	8	5	3		Myd	N-m	7.9
*1 Stroke end *2 The load capacity is calculated by the rated acceleration 0.3G(2.9 m/s ²) *3 If used on the vertical axis or other special condition, please contact HIWIN							Mzd	N-m	12.8
							Permitted load condition *3 $\frac{C}{Cd} + \frac{Mx}{Mxd} + \frac{My}{Myd} + \frac{Mz}{Mzd} \leq 1$ C, Mx, My, Mz are working loads		

HIWIN®

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