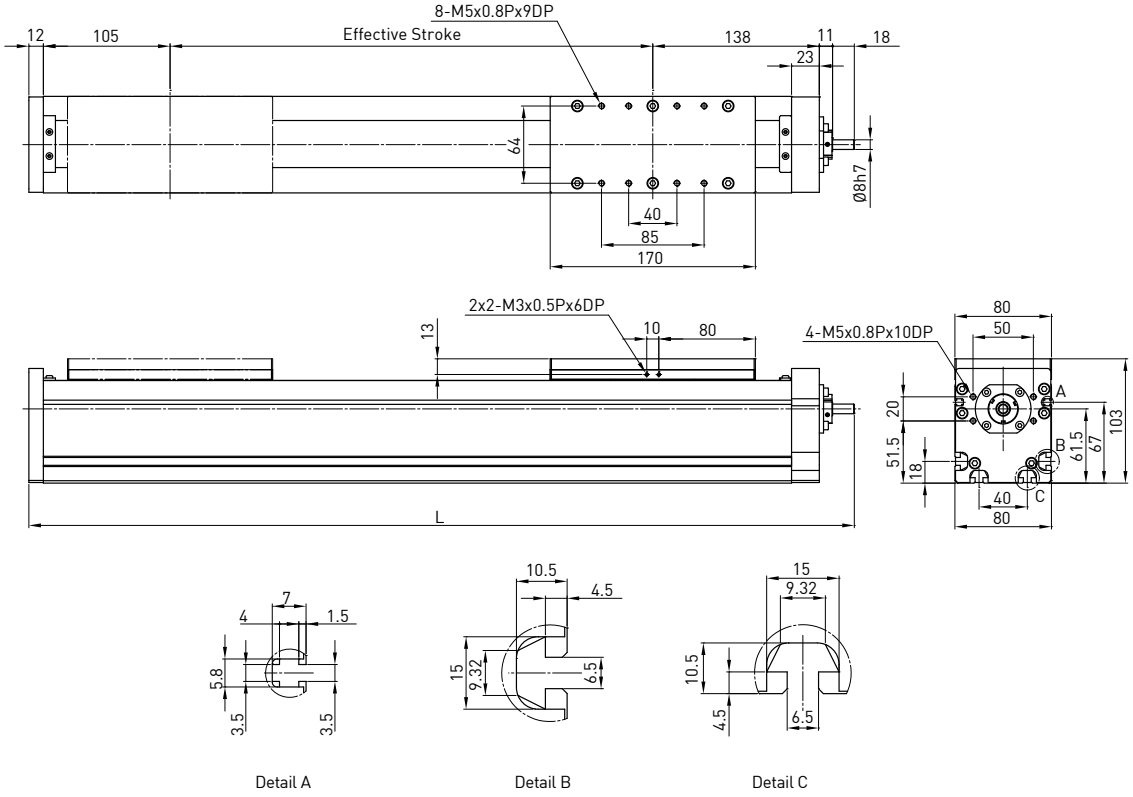
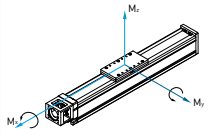
5.3.2 Model Number for KU080

KU080	-10	P	-1100	A	F0	S1	M	V
Model	Lead	Precision Grade	Effective Stroke	Slider Type	Motor Flange	Limit Switch	Motor	Installation
	5 mm 10 mm 20 mm	C: Normal P: Precision		A: Standard	F0: 200W F: Without Flange	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	V: Vertical Install None: Horizontal Install

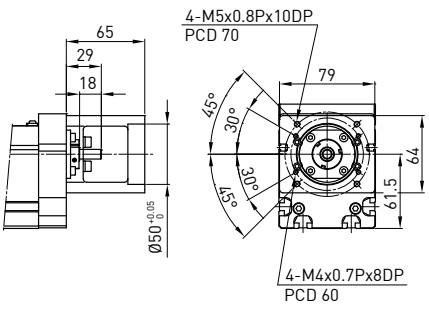


Detail A Detail B Detail C

Effective Stroke(mm)	L
100	384
150	434
200	484
250	534
300	584
350	634
400	684
450	734
500	784
550	834
600	884
650	934
700	984
750	1034
800	1084
850	1134
900	1184
950	1234
1000	1284
1050	1334
1100	1384

AC motor output			W	200	
Ballscrew / Drive				Φ15C7/QEW20CB	
Lead			mm	5	10	20
Max linear speed			mm/sec	263	525	1050
Max RPM			RPM	3150	3150	3150
Rated thrust			N	712	356	178
Repeatability			mm	±0.02		
Effective stroke			mm	50~1100		
Rated dynamic load*		Fyd	N	337		
		Fzd	N	2821		
		Mxd	N-m	29.3		
		Myd	N-m	118.5		
		Mzd	N-m	118.5		
Permitted Load condition**	$\frac{Fy}{Fyd}+\frac{Fz}{Fzd}+\frac{Mx}{Mxd}+\frac{My}{Myd}+\frac{Mz}{Mzd}\leq 1$ Fy、Fz、Mx、My、Mz are working loads				

*The load condition is based on 10,000km operation
**For horizontal application only. If used in special condition, please contact HIWIN.



Motor Adaptor Flange F0