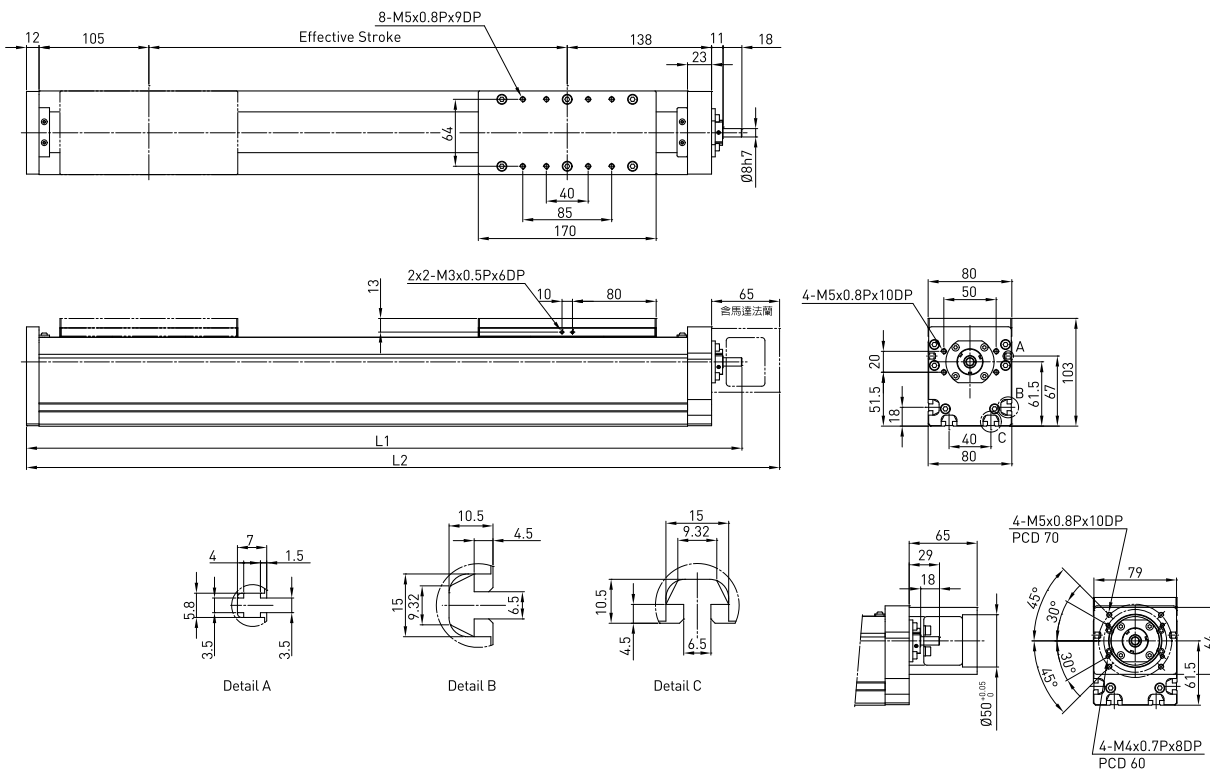


Model Number for KU80

KU080	-10	P	-1100	A	F0	S1	M
Model	Lead	Precision Grade	Effective Stroke	Slider Type	Motor Flange	Limit Switch	Motor
	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



Motor Adaptor Flange F0

Effective Stroke (mm)	L1	L2	Weight (kg)	AC motor output			W		
				Drive	Lead	Rated RPM	mm	5	10
100	384	420	7.04	Ball screw C7(normal)					
150	434	470	7.48						
200	484	520	7.92						
250	534	570	8.36						
300	584	620	8.8						
350	634	670	9.24						
400	684	720	9.68						
450	734	770	10.12						
500	784	820	10.56						
550	834	870	11.0						
600	884	920	11.44						
650	934	970	11.88						
700	984	1020	12.32						
750	1034	1070	12.76						
800	1084	1120	13.2						
850	1134	1170	13.64						
900	1184	1220	14.08						
950	1234	1270	14.52						
1000	1284	1320	14.96						
1050	1334	1370	15.4						
1100	1384	1420	15.84						

Rated dynamic load**		F _{yd}	N	50	50	50
		F _{zd}	N	950	640	320
		M _{xd}	N-m	6	7	8
		M _{yd}	N-m	20	30	41
		M _{zd}	N-m	0.5	1	1

Permitted Load condition***	$\frac{F_y}{F_{yd}} + \frac{F_z}{F_{zd}} + \frac{M_x}{M_{xd}} + \frac{M_y}{M_{yd}} + \frac{M_z}{M_{zd}} \leq 1$
F _y 、F _z 、M _x 、M _y 、M _z are working loads	

* Vibration might occur when the effective stroke is longer than 550mm.
 The maximum speed should be decreased by 15% for every 50mm of increased stroke.
 **The load condition is based on 10,000km operation
 ***For horizontal application only. If used in special condition, please contact HIWIN.