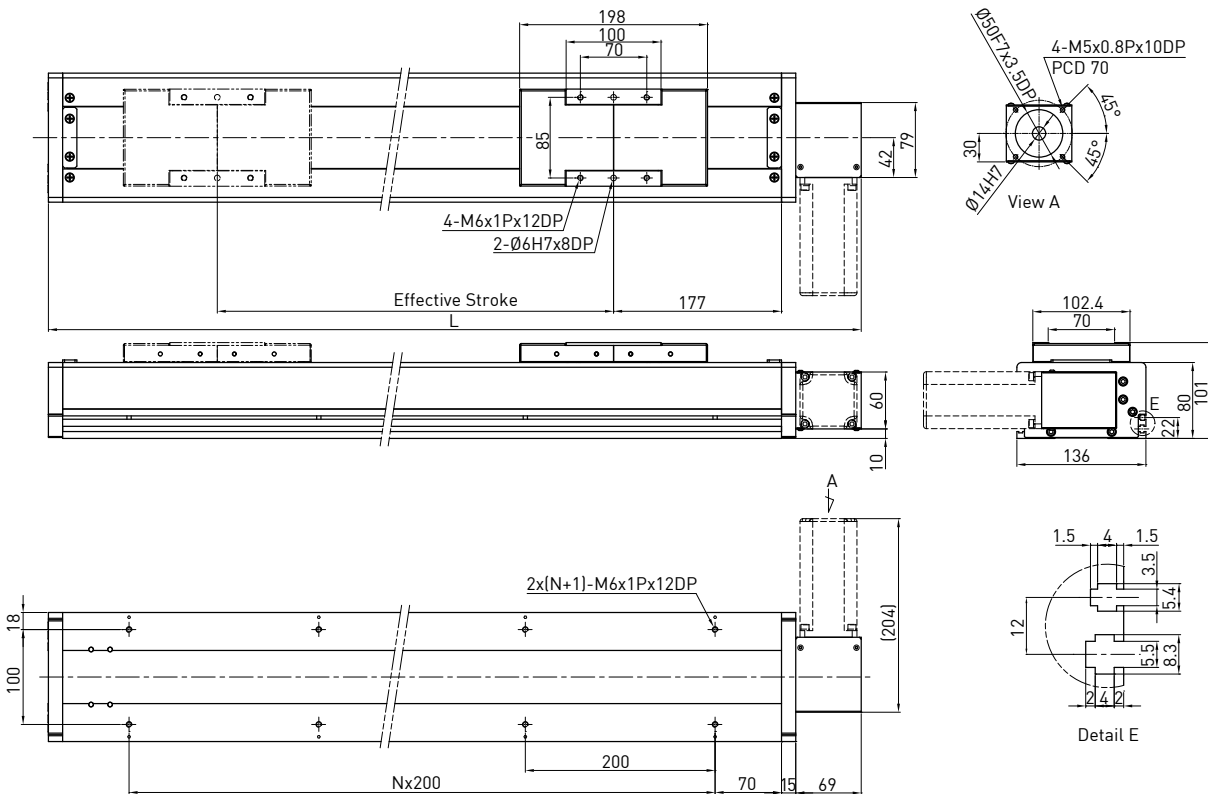


4.3.9 Model Number for KS140B-FL

KS140	B	-120	C	-3000	A	FL	U	S1	M
Model	Timing Belt	Lead	Precision Grade	Effective Stroke	Slider Type	Motor Flange	Cover	Limit Switch	Motor
			C: Normal		A: Standard	FL: Left	U: Without Cover None: Standard Cover	S1: OMRON SX671 None: Without Sensor	M: Supplied With Motor None: Without Motor



Effective stroke (mm)	L	N	Weight (kg)	AC motor output	W	200	
200	639	2	10.4	Timing Belt / Drive		HTD 5M/HGH15CA	
400	839	3	12.6	Lead	mm	120	
600	1039	4	14.8	Max linear speed	mm/sec	1800	
800	1239	5	17.0	Rated thrust	N	66	
1000	1439	6	19.2	Repeatability	mm	±0.1	
1200	1639	7	21.4	Effective stroke	mm	200~3000	
1400	1839	8	23.6		Fyd	N	1709
1600	2039	9	25.8		Fzd	N	3892
1800	2239	10	28.0		Mxd	N-m	171.2
2000	2439	11	30.2		Myd	N-m	132.3
2200	2639	12	32.4		Mzd	N-m	132.3
2400	2839	13	34.6	Permitted load condition** $\frac{F_y}{F_{yd}} + \frac{F_z}{F_{zd}} + \frac{M_x}{M_{xd}} + \frac{M_y}{M_{yd}} + \frac{M_z}{M_{zd}} \leq 1$ Fy, Fz, Mx, My, Mz are working loads			
2600	3039	14	36.8				
2800	3239	15	39.0				
3000	3439	16	41.2				

*The load condition is based on 10,000km operation.

**For horizontal application only. If used in special condition, please contact HIWIN.