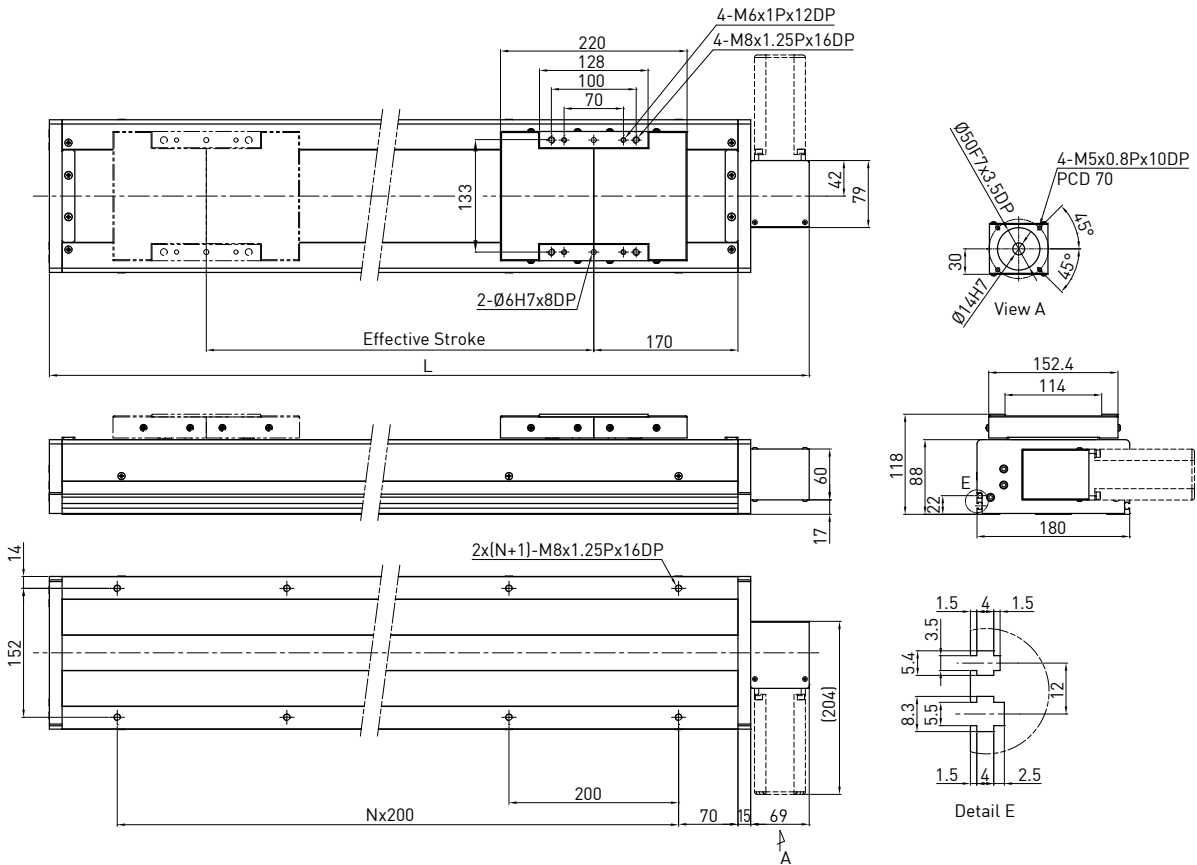


4.3.15 Model Number for KS180B-FR

KS180	B	-120	C	-3000	A	FR	U	S1	M
Model	Timing Belt	Lead	Precision Grade	Effective Stroke	Slider Type	Motor Flange	Cover	Limit Switch	Motor
			C: Normal		A: Standard	FR: Right	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	400	
200	639	2	14.2	Timing Belt / Drive		HTD 5M/HGH15CA	
400	839	3	17.0	Lead	mm	120	
600	1039	4	19.8	Max linear speed	mm/sec	1800	
800	1239	5	22.6	Rated thrust	N	133	
1000	1439	6	25.4	Repeatability	mm	±0.1	
1200	1639	7	28.2	Effective stroke	mm	200~3000	
1400	1839	8	31.0	Rated dynamic load*	Fyd	N	1647
1600	2039	9	33.8		Fzd	N	3892
1800	2239	10	36.6		Mxd	N-m	227.7
2000	2439	11	39.4		Myd	N-m	132.3
2200	2639	12	42.2		Mzd	N-m	132.3
2400	2839	13	45.0	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	47.8				
2800	3239	15	50.6				
3000	3439	16	53.4				

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