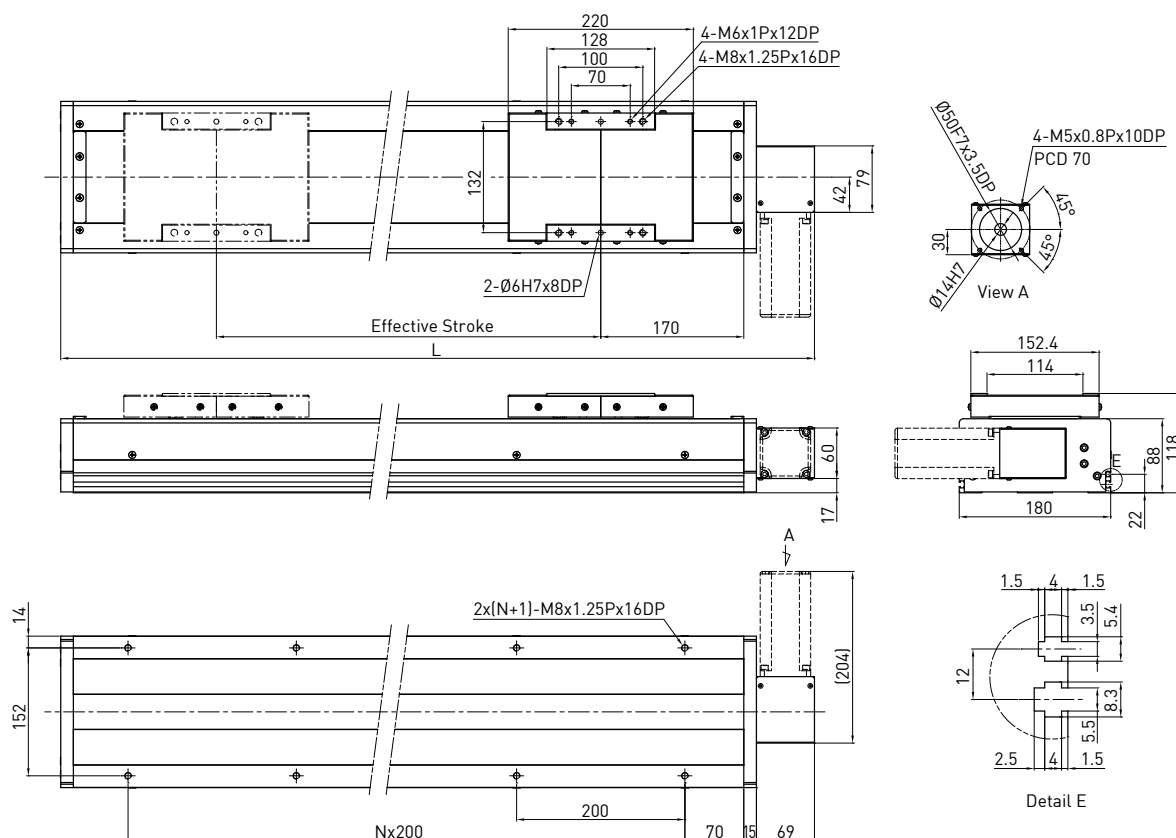
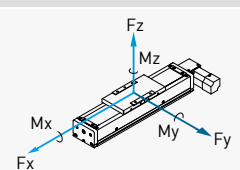


4.3.14 Model Number for KS180B-FL

KS180	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	400	
				Timing Belt / Drive		HTD 5M/HGH15CA	
200	639	2	14.2	Lead	mm	120	
400	839	3	17.0	Max linear speed	mm/sec	1800	
600	1039	4	19.8	Rated thrust	N	133	
800	1239	5	22.6	Repeatability	mm	±0.1	
1000	1439	6	25.4	Effective stroke	mm	200~3000	
1200	1639	7	28.2	Rated dynamic load*	F _{yd}	N	1647
1400	1839	8	31.0		F _{zd}	N	3892
1600	2039	9	33.8		M _{xd}	N-m	227.7
1800	2239	10	36.6		M _{yd}	N-m	132.3
2000	2439	11	39.4		M _{zd}	N-m	132.3
2200	2639	12	42.2	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		
2400	2839	13	45.0				
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.