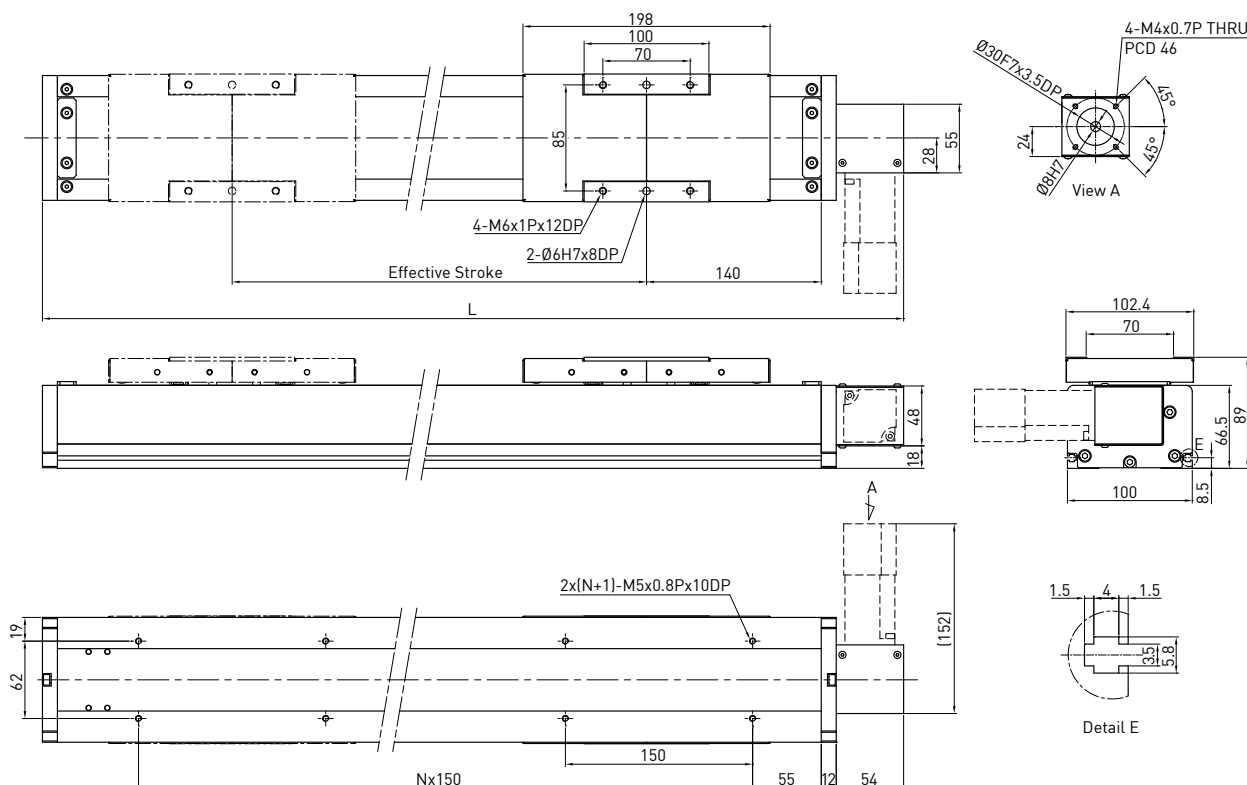


4.3.4 Model Number for KS100B-FL

KS100	B	-84	C	-3000	A	FL	U	S1	M
Model	Timing Belt	Lead	Precision Grade	Effective Stroke	Slider Type	Motor Flange	Cover	Limit Switch	Motor
		10mm 20mm	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	100	
				Timing Belt / Drive		HTD 3M/MGW 15H	
200	558	2	6.1	Lead	mm	84	
400	758	4	7.6	Max linear speed	mm/sec	1800	
600	958	5	9.1	Rated thrust	N	33	
800	1158	6	10.6	Repeatability	mm	±0.1	
1000	1358	8	12.1	Effective stroke	mm	200-3000	
1200	1558	9	13.6	Rated dynamic load*	F _{yd}	N	175
1400	1758	10	15.1		F _{zd}	N	778
1600	1958	12	16.6		M _{xd}	N-m	16.8
1800	2158	13	18.1		M _{yd}	N-m	6.9
2000	2358	14	19.6		M _{zd}	N-m	6.9
2200	2558	16	21.1	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		
2400	2758	17	22.6				
2600	2958	18	24.1				
2800	3158	20	25.6				
3000	3358	21	27.1				

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

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