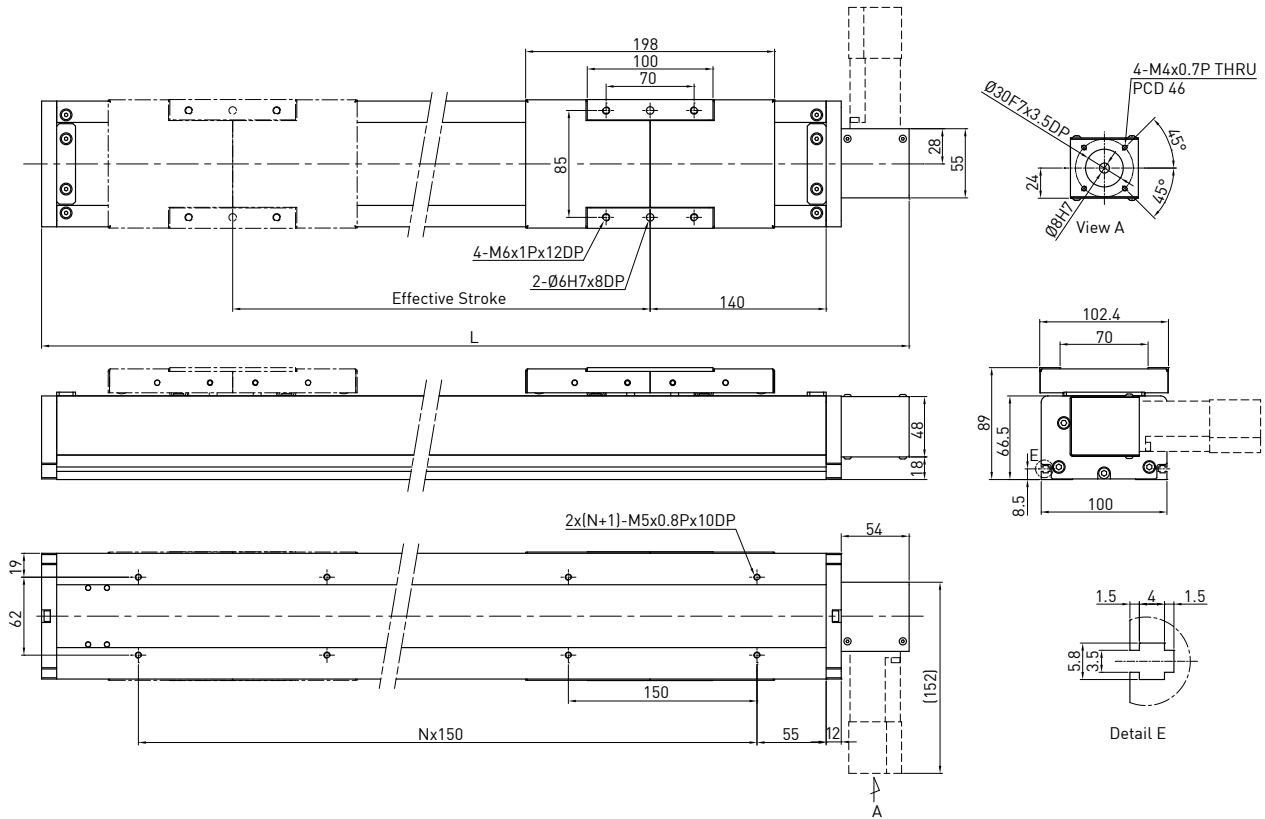
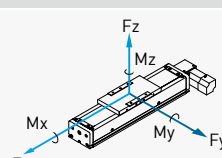


4.3.5 Model Number for KS100B-FR

KS100	B	-84	C	-3000	A	FR	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	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	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	<div style="display: flex; align-items: center;">  <table border="1" style="margin-left: 10px;"> <tr> <td>Fyd</td> <td>N</td> <td>175</td> </tr> <tr> <td>Fzd</td> <td>N</td> <td>778</td> </tr> <tr> <td>Mxd</td> <td>N-m</td> <td>16.8</td> </tr> <tr> <td>Myd</td> <td>N-m</td> <td>6.9</td> </tr> <tr> <td>Mzd</td> <td>N-m</td> <td>6.9</td> </tr> </table> </div>	Fyd	N	175	Fzd	N	778	Mxd	N-m	16.8	Myd	N-m	6.9	Mzd	N-m	6.9
Fyd	N	175																	
Fzd	N	778																	
Mxd	N-m	16.8																	
Myd	N-m	6.9																	
Mzd	N-m	6.9																	
1400	1758	10	15.1	Rated dynamic load*															
1600	1958	12	16.6																
1800	2158	13	18.1																
2000	2358	14	19.6																
2200	2558	16	21.1	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Permitted load condition**</div> $\frac{F_y}{F_{yd}} + \frac{F_z}{F_{zd}} + \frac{M_x}{M_{xd}} + \frac{M_y}{M_{yd}} + \frac{M_z}{M_{zd}} \leq 1$ <p>F_y, F_z, M_x, M_y, M_z are working loads</p> </div>															
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.