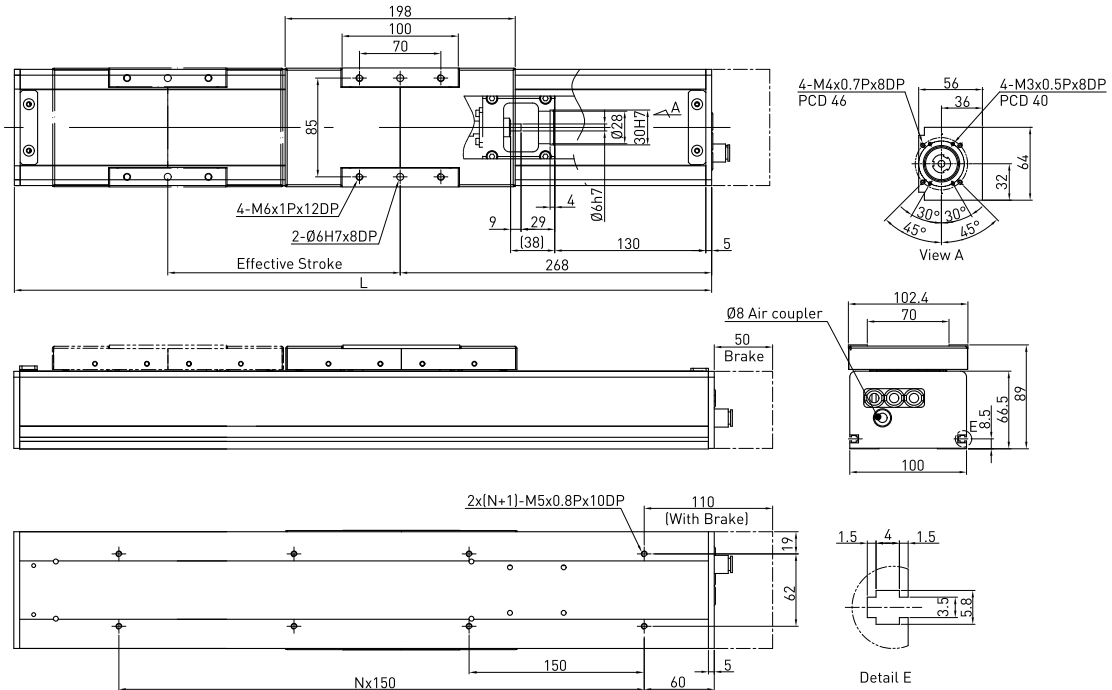
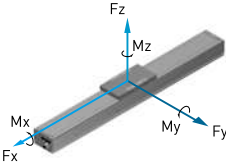


Model Number for KS100-FI

KS100	-20	P	-800	A	FI	S2	M
Model	Lead	Precision Grade	Effective Stroke	Slider Type	Motor Flange	Limit Switch	Motor
	10mm 20mm	P: Precision C: Normal		A: Standard	FI: Internal	S2: OMRON SX674 None: Without Sensor	M: Supplied With Motor None: Without Motor



Effective stroke (mm)	L	N	Weight [kg]	AC motor output Drive	W	100				
				Lead	mm	5	10	20		
200	600	3	9.1	Rated RPM	RPM	3000	3000	3000		
300	700	4	9.8	Max linear speed*	mm/sec	250	500	1000		
400	800	4	10.5	Rated thrust	N	280	140	70		
500	900	5	11.2	Repeatability	mm	±0.02				
600	1000	6	11.9	Effective stroke	mm	100~1050				
700	1100	6	12.6	Max load [H]	kg	9.6	6.2	3.1		
800	1200	7	13.3							
				Rated dynamic load**		F _{yd}	N	20	20	20
					F _{zd}	N	96	62	31	
					M _{xd}	N-m	1	1.1	1.2	
					M _{yd}	N-m	1	1	1.1	
					M _{zd}	N-m	0.9	0.9	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				

* Vibration might occur when the effective stroke is longer than 700mm.

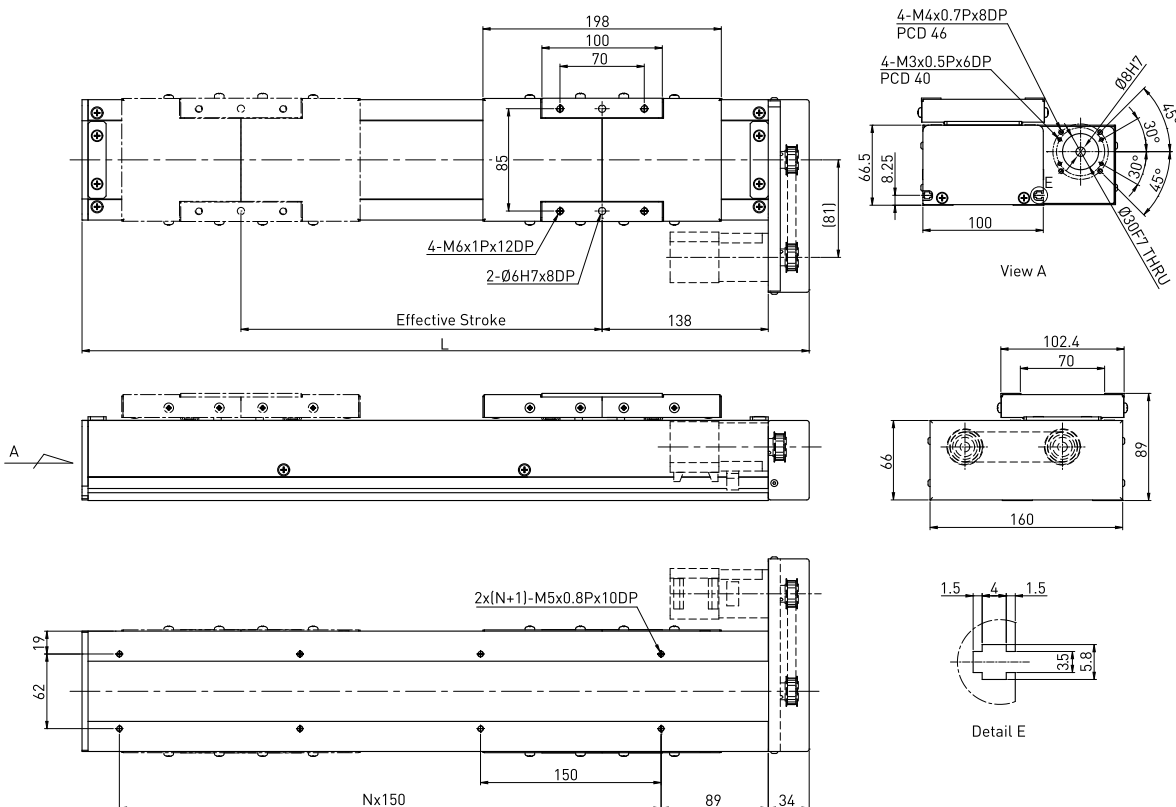
The maximum speed should be decreased by 15% for every 100mm of increased stroke.

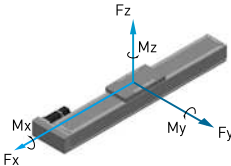
** The load condition is based on 10,000km operation.

*** If used on the vertical axis or in a special condition, please contact HIWIN.

Model Number for KS100-FL

KS100	-20	P	-800	A	FL	S2	M
Model	Lead	Precision Grade	Effective Stroke	Slider Type	Motor Flange	Limit Switch	Motor
	10mm 20mm	P: Precision C: Normal		A: Standard	FL: Left	S2: OMRON SX674 None: Without Sensor	M: Supplied With Motor None: Without Motor



Effective stroke (mm)	L	N	Weight (kg)	AC motor output	W	100			
				Drive		Ball screw C7(normal)			
200	504	2	6.0	Lead	mm	5	10	20	
300	604	3	6.9	Rated RPM	RPM	3000	3000	3000	
400	704	3	7.8	Max linear speed*	mm/sec	250	500	1000	
500	804	4	8.7	Rated thrust	N	280	140	70	
600	904	5	9.6	Repeatability	mm	±0.02			
700	1004	5	10.5	Effective stroke	mm	100~1050			
800	1104	6	11.4	Max load (H)	kg	9.6	6.2	3.1	
					F _{yd}	N	20	20	20
					F _{zd}	N	96	62	31
					M _{xd}	N-m	1	1.1	1.2
					M _{yd}	N-m	1	1	1.1
					M _{zd}	N-m	0.9	0.9	1
					Rated dynamic load**				
				$\frac{F_y}{F_{yd}} + \frac{F_z}{F_{zd}} + \frac{M_x}{M_{xd}} + \frac{M_y}{M_{yd}} + \frac{M_z}{M_{zd}} \leq 1$ F_y, F_z, M_x, M_y, M_z are working loads					
					Permitted load condition***				

* Vibration might occur when the effective stroke is longer than 700mm.

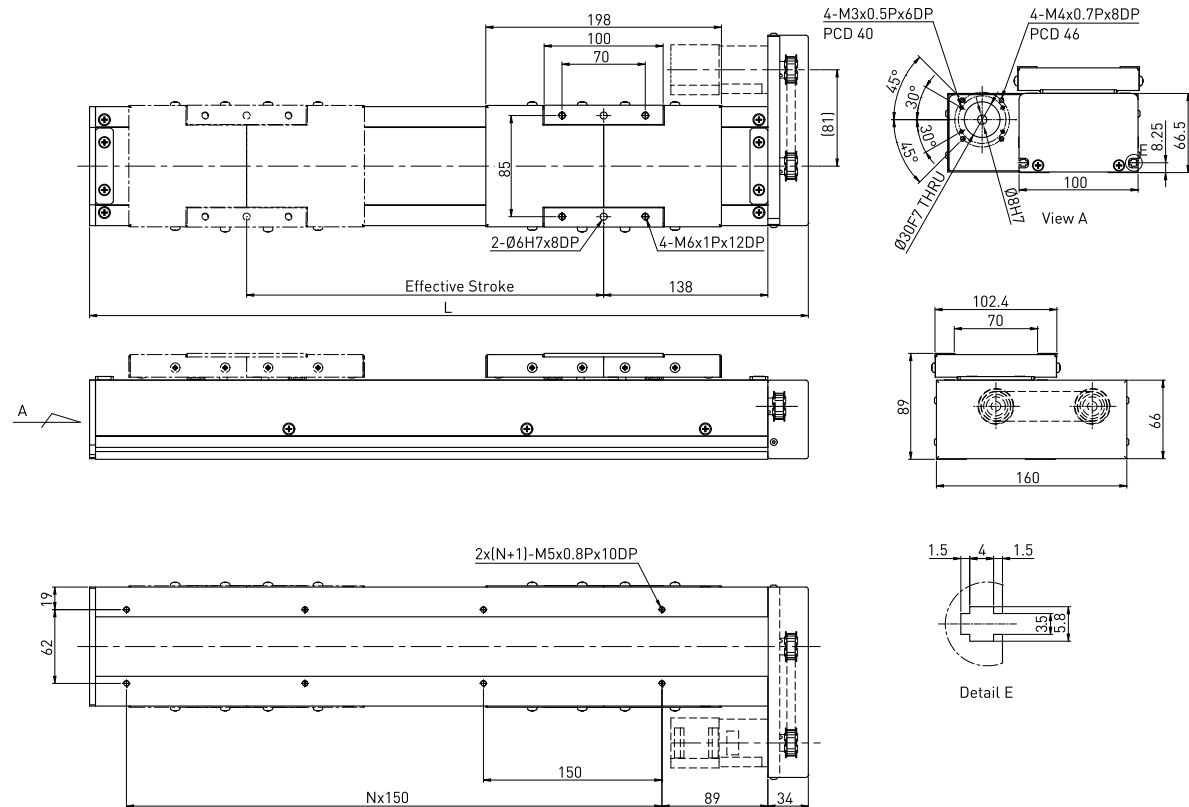
The maximum speed should be decreased by 15% for every 100mm of increased stroke.

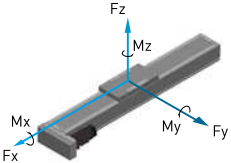
** The load condition is based on 10,000km operation.

*** If used on the vertical axis or in a special condition, please contact HIWIN.

Model Number for KS100-FR

KS100	-20	P	-800	A	FR	S2	M
Model	Lead	Precision Grade	Effective Stroke	Slider Type	Motor Flange	Limit Switch	Motor
	10mm 20mm	P: Precision C: Normal		A: Standard	FR: Right	S2: OMRON SX674 None: Without Sensor	M: Supplied With Motor None: Without Motor



Effective stroke (mm)	L	N	Weight (kg)	AC motor output Drive	W	100			
						Ballscrew C7(normal)			
200	504	2	6.0	Lead	mm	5	10	20	
300	604	3	6.9	Rated RPM	RPM	3000	3000	3000	
400	704	3	7.8	Max linear speed*	mm/sec	250	500	1000	
500	804	4	8.7	Rated thrust	N	280	140	70	
600	904	5	9.6	Repeatability	mm	±0.02			
700	1004	5	10.5	Effective stroke	mm	100~1050			
800	1104	6	11.4	Max load (H)	kg	9.6	6.2	3.1	
				Rated dynamic load** 	F _{yd}	N	20	20	20
					F _{zd}	N	96	62	31
					M _{xd}	N-m	1	1.1	1.2
					M _{yd}	N-m	1	1	1.1
					M _{zd}	N-m	0.9	0.9	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					

* Vibration might occur when the effective stroke is longer than 700mm.

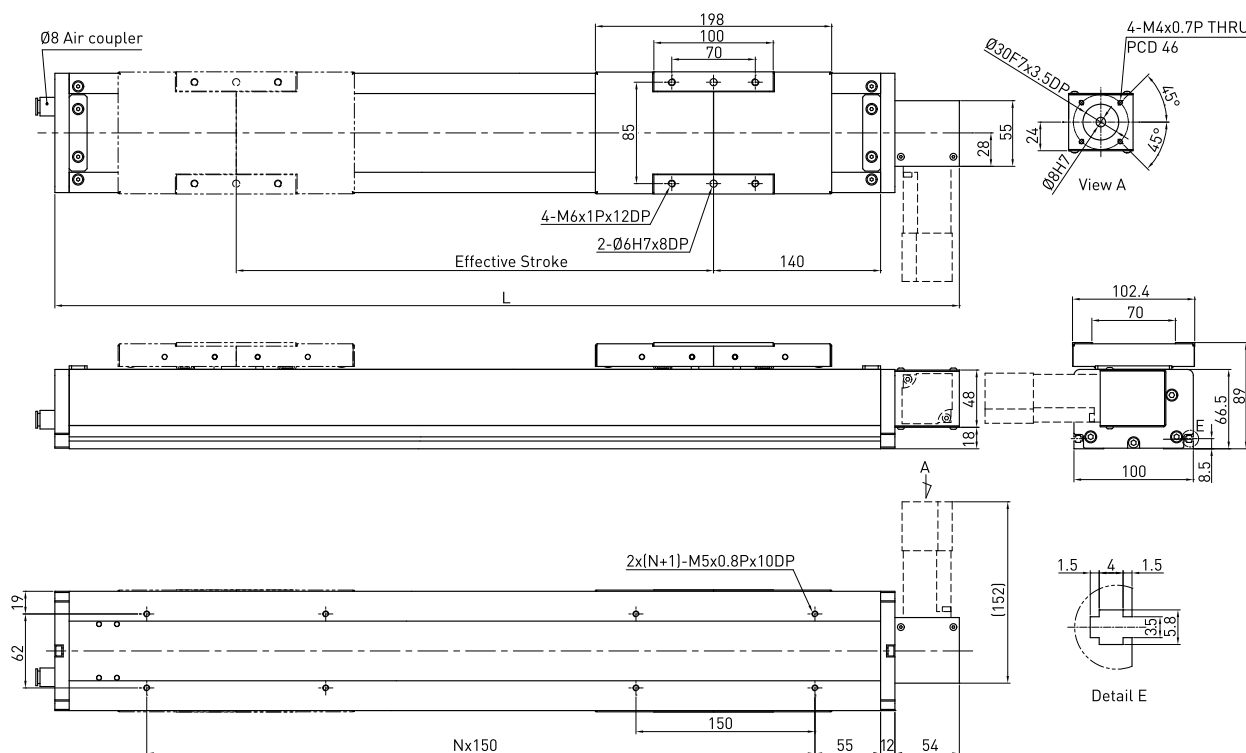
The maximum speed should be decreased by 15% for every 100mm of increased stroke.

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

*** If used on the vertical axis or in a special condition, please contact HIWIN.

Model Number for KS100B-FL

KS100	B	-84	C	-3000	A	FL	S2	M
Model	Timing Belt	Pulley Perimeter	Precision Grade	Effective Stroke	Slider Type	Motor Flange	Limit Switch	Motor
			C: Normal		A: Standard	FL: Left	S2: OMRON SX674 None: Without Sensor	M: Supplied With Motor None: Without Motor



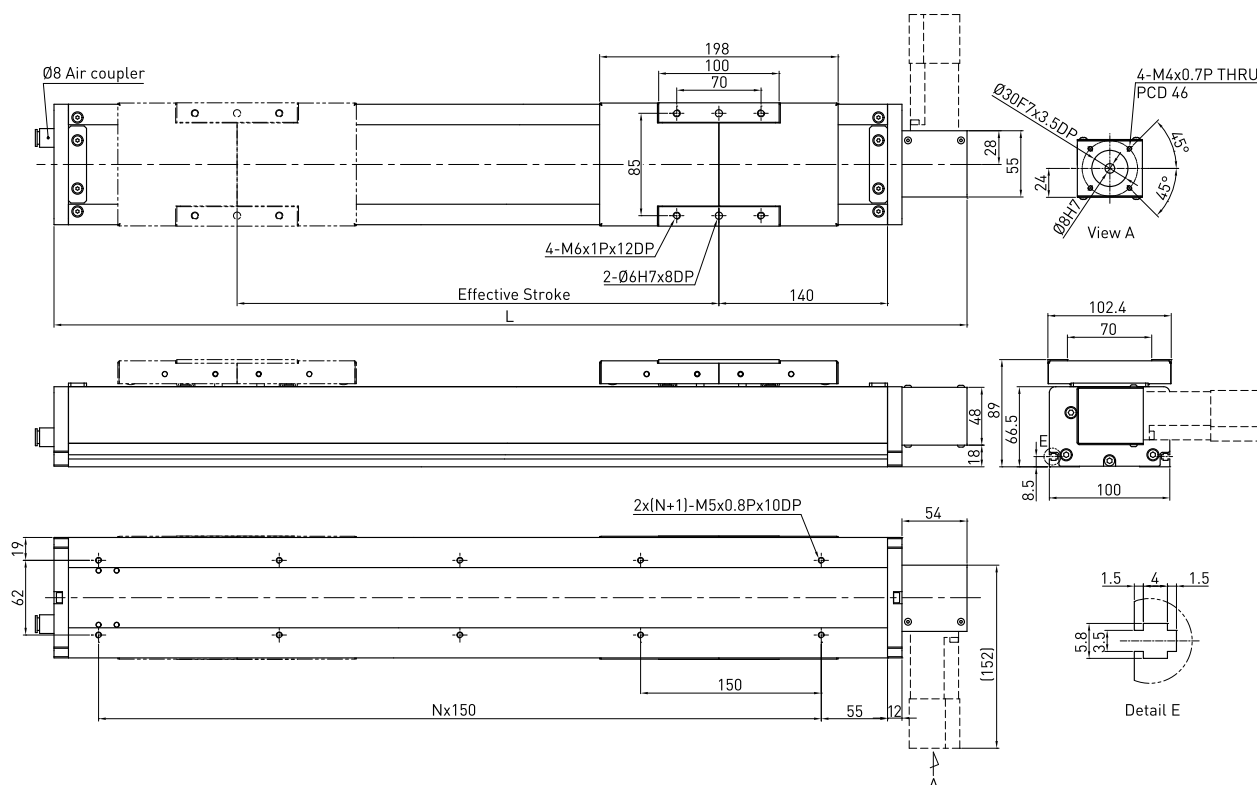
Effective stroke (mm)	L	N	Weight (kg)	AC motor output		W	100
				Drive			Timing Belt
200	558	2	6.1	Pulley Perimeter		mm	84
400	758	4	7.6	Pulley RPM		RPM	1286
600	958	5	9.1	Max linear speed		mm/sec	1800
800	1158	6	10.6	Rated thrust		N	33
1000	1358	8	12.1	Repeatability		mm	±0.1
1200	1558	9	13.6	Effective stroke		mm	200~3000
1400	1758	10	15.1	Max load (H)		kg	7.5
1600	1958	12	16.6	Rated dynamic load*	Fzd	N	20
1800	2158	13	18.1		Fzd	N	75
2000	2358	14	19.6		Mxd	N-m	1
2200	2558	16	21.1		Myd	N-m	0.9
2400	2758	17	22.6		Mzd	N-m	0.5
2600	2958	18	24.1	Permitted load condition**	$\frac{F_y}{F_{yd}} + \frac{F_z}{F_{zd}} + \frac{M_x}{M_{xd}} + \frac{M_y}{M_{yd}} + \frac{M_z}{M_{zd}} \leq 1$ Fy, Fz, Mx, My, Mz are working loads		
2800	3158	20	25.6				
3000	3358	21	27.1				

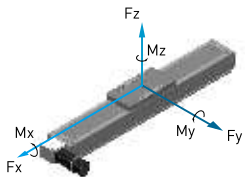
*The load condition is based on 10,000km operation.

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

Model Number for KS100B-FR

KS100	B	-84	C	-3000	A	FR	S2	M
Model	Timing Belt	Pulley Perimeter	Precision Grade	Effective Stroke	Slider Type	Motor Flange	Limit Switch	Motor
			C: Normal		A: Standard	FR: Right	S2: OMRON SX674 None: Without Sensor	M: Supplied With Motor None: Without Motor



Effective stroke (mm)	L	N	Weight (kg)	AC motor output Drive	W	100	
200	558	2	6.1	Pulley Perimeter	mm	84	
400	758	4	7.6	Pulley RPM	RPM	1286	
600	958	5	9.1	Max linear speed	mm/sec	1800	
800	1158	6	10.6	Rated thrust	N	33	
1000	1358	8	12.1	Repeatability	mm	±0.1	
1200	1558	9	13.6	Effective stroke	mm	200~3000	
1400	1758	10	15.1	Max load (H)	kg	7.5	
1600	1958	12	16.6	Rated dynamic load* 	Fyd	N	20
1800	2158	13	18.1		Fzd	N	75
2000	2358	14	19.6		Mxd	N-m	1
2200	2558	16	21.1		Myd	N-m	0.9
2400	2758	17	22.6		Mzd	N-m	0.5
2600	2958	18	24.1	Permitted load condition** $\frac{F_y}{F_{yd}} + \frac{F_z}{F_{zd}} + \frac{M_x}{M_{xd}} + \frac{M_y}{M_{yd}} + \frac{M_z}{M_{zd}} \leq 1$ Fy, Fz, Mx, My, Mz are working loads			
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.