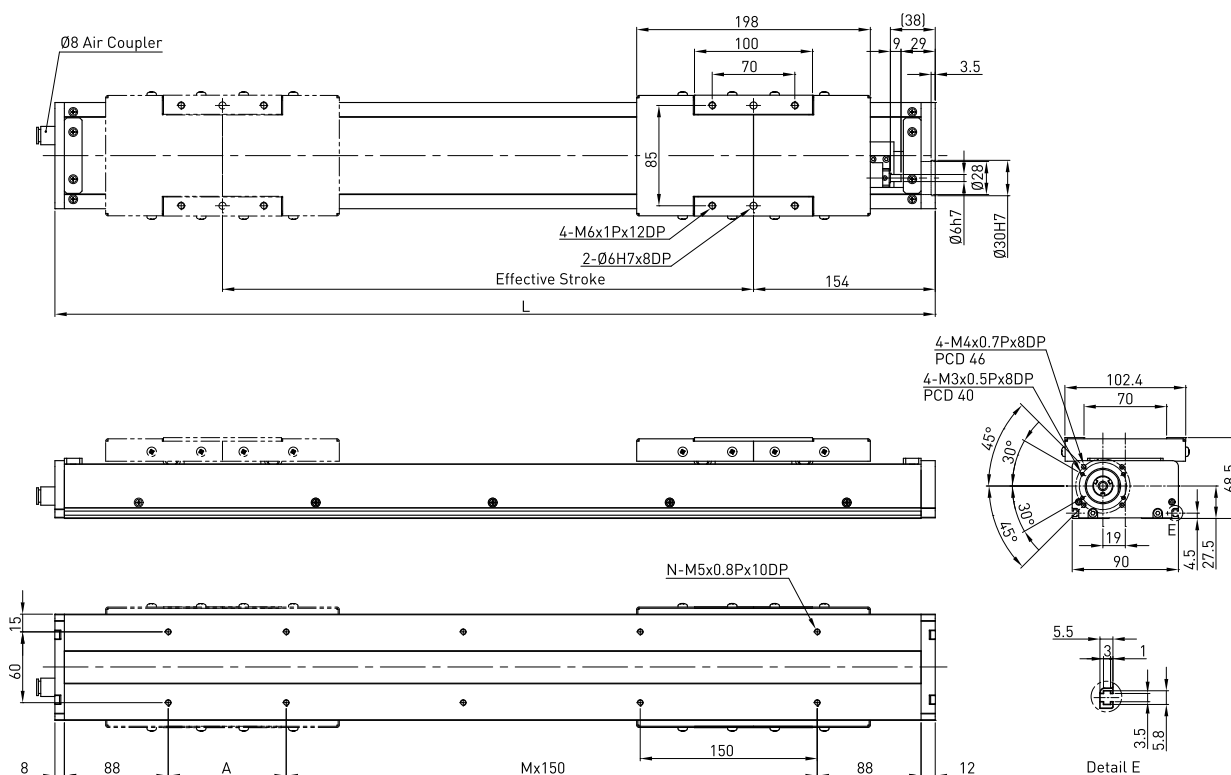
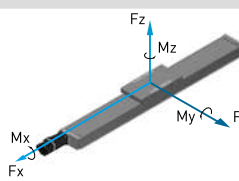


4.3 KS Series

Model Number for KS90

KS090	-10	P	-0600	A	F0	S1	M
Model	Lead	Precision Grade	Effective Stroke	Slider Type	Motor Flange	Limit Switch	Motor
	5mm 10mm	P: Precision C: Normal		A: Standard	Fl: Internal	S1:OMRON SX671 S2:OMRON SX674 S3:SUNX GX-F12A S4:SUNX GL-F12A-P None: Without Sensor	M: Supplied With Motor None: Without Motor



Effective stroke (mm)	L	A	M	N	Weight (kg)	AC motor output Drive	W	100		
50	346	150	0	4	3.38	Lead	mm	5	10	
100	396	50	1	6	3.78	Rated RPM	RPM	3000	3000	
150	446	100	1	6	4.18	Max linear speed*	mm/sec	250	500	
200	496	150	1	6	4.58	Rated thrust	N	280	140	
250	546	50	2	8	4.98	Repeatability	mm	±0.02		
300	596	100	2	8	5.38	Effective stroke	mm	50~600		
350	646	150	2	8	5.78	Max load (H)	kg	24	16	
400	696	50	3	10	6.18		Fyd	N	20	20
450	746	100	3	10	6.58		Fzd	N	240	160
500	796	150	3	10	7.19		Mxd	N-m	5	4.8
550	846	50	4	12	7.38		Myd	N-m	3	3
600	896	100	4	12	7.78		Mzd	N-m	2.2	2.2
						Rated dynamic load**				
						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			

* 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.