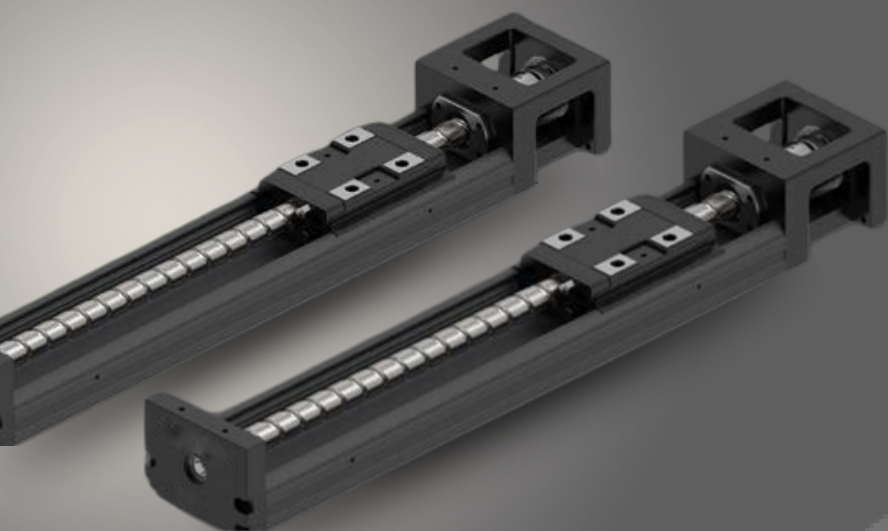


LINHA KS



Clique no modelo

KS40

KS50

KS60

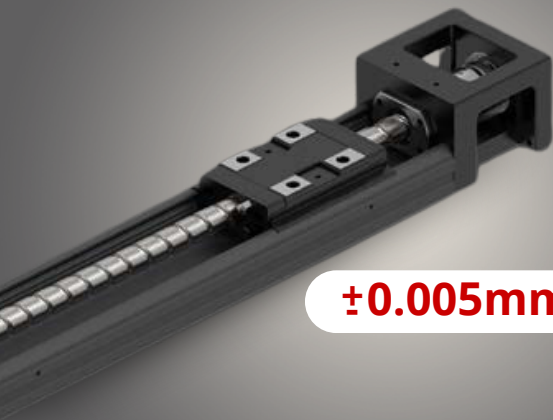
KS86

KS100



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Matriz: Campinas/SP - Filiais: São Paulo/SP - Joinville/SC - Caxias do Sul/RS - Belo Horizonte/MG



Mesa Posicionadora de alta precisão

A estrutura do trilho é analisada pela Análise de Elementos Finitos (FEA), de modo a obter a melhor rigidez com a máxima leveza. Composto por item único, o módulo KS não precisa de montagem, é compacto e tem alta capacidade de momento torsor e fletor.

KS40D	05	P	E
Item NO	Travel	Accuracy	Grade
	01	P: Precision Class	
	05	C: Normal Class	

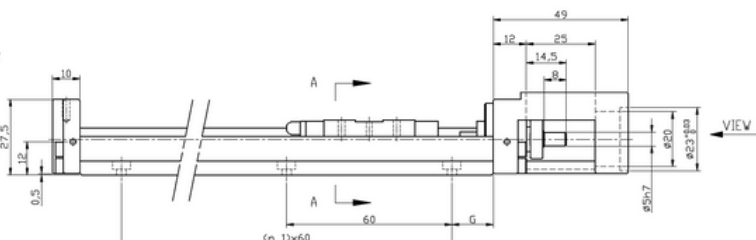
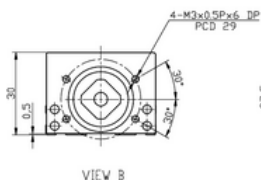
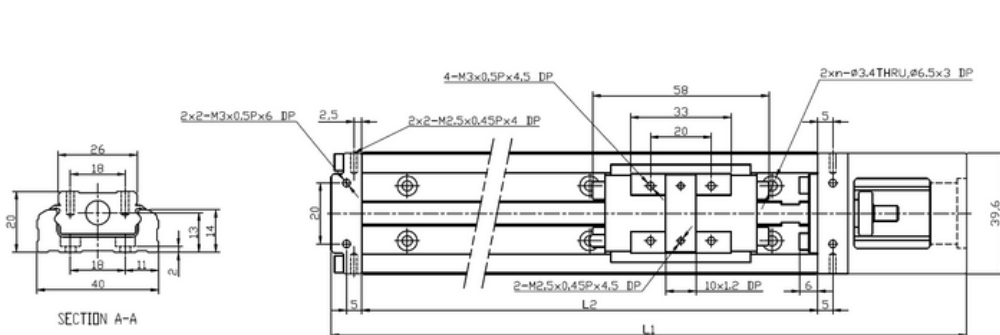
200	A	2
Track Length (mm)	Slide Types	Slide Number
100	A: Standard Type	1
150		2
200		

F0	C	S0
Motor Connection	Protecting Cover	Limit Switch
F0/F1/F2/H0	C: Aluminum Cover	S0: Only limit orbit
	B: Telescopic Cover	S1: PM-Y45 (NPN) Panasonic PM-Y45 (NPN)
	None: no cover	S1P: PM-Y45-P (PNP) Panasonic PM-Y45-P (PNP)

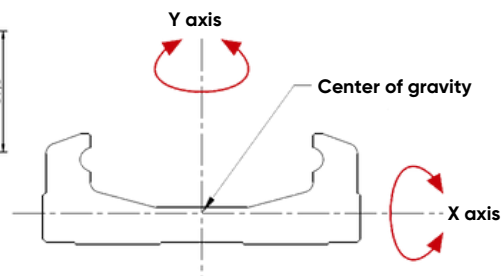
Basic Specification

Code		Ball Screw				Linear Guide															
		Nominal Outside Diameter (mm)	Lead (mm)	Basic Dynamic Rated Load (N)	Basic Static Rated Load (N)	Basic Dynamic Rated Load (N)		Basic Static Rated Load (N)		Permissible Static Moment											
										Pitching M _p (Nm)				Deflection M _y (Nm)				Rolling M _r (Nm)			
						Slide A Block A	Slide S Block S	Slide A Block A	Slide S Block S	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2
KS40D01	P	8	1	1243	2794	3920	/	6468	/	33	182	/	/	33	182	/	/	81	162	/	/
	C			1130	2540																
KS40D05	P	8	5	1177	2145																
	C			1070	1950																

Code	Length of Rail (mm)	Repetitive Accuracy (mm)		Traveling Parallelism (mm)		Max.Driving Torque (Ncm)	
		P	C	P	C	P	C
KS40D	100	±0.003	±0.01	0.01	/	1.2	0.8
	150						
	200						

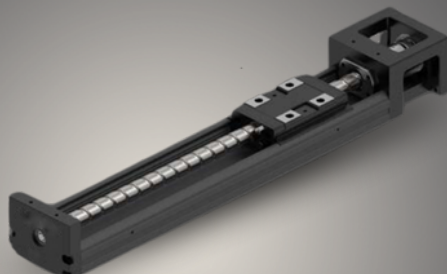


mm ⁴		
KS40D	I _x	I _y
	3.533x10 ³	5.317x10 ⁴

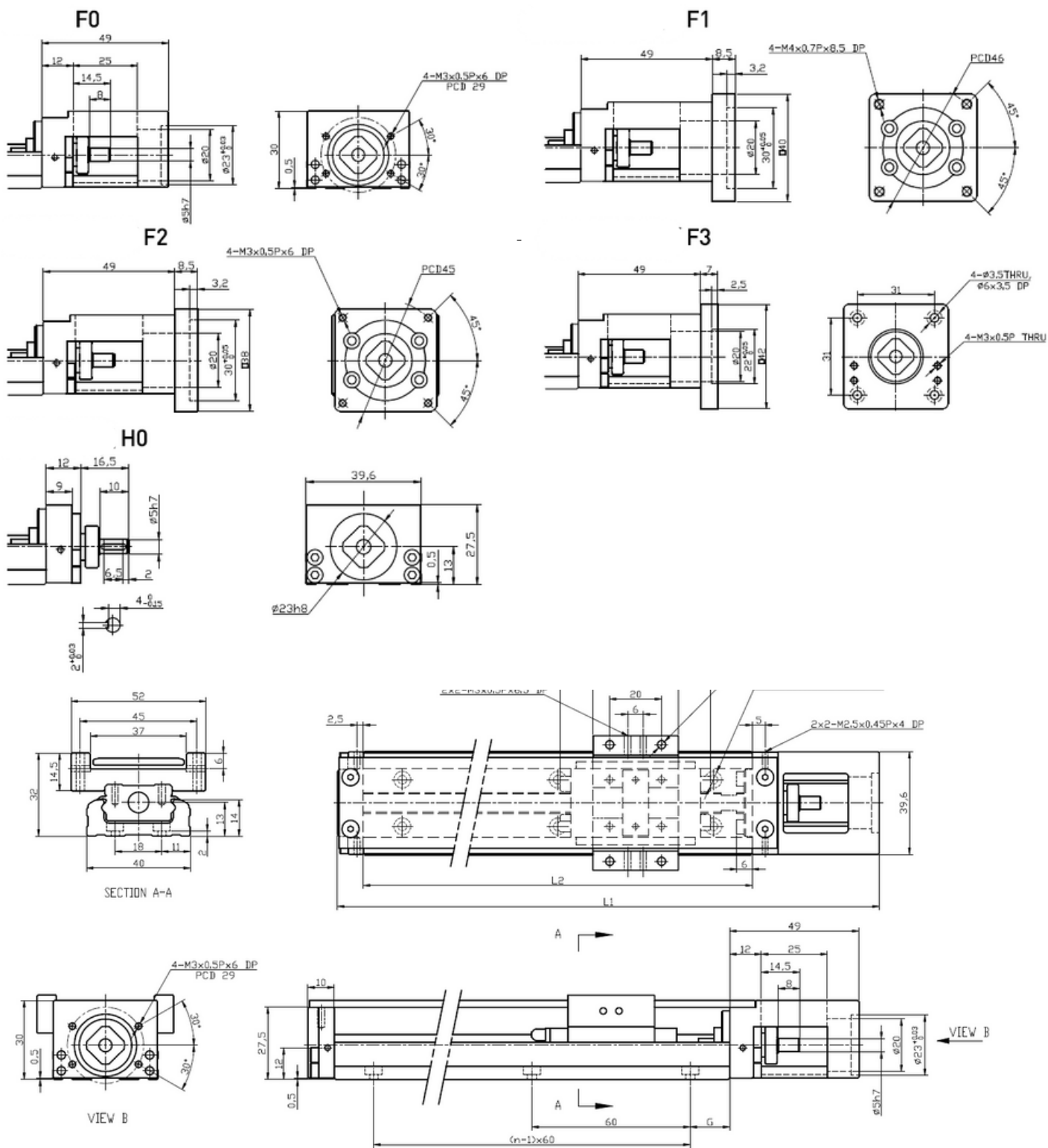


I_x: Moment of inertia along the X-axis
I_y: Moment of inertia along the Y-axis

L2 (mm)	L1 (mm)	(mm)		G (mm)	n	(kg)	
		A1	A2			A1	A2
100	159	36	-	20	2	0.48	-
150	209	86	34	15	3	0.6	0.67
200	259	136	84	40	3	0.72	0.79



KS40D



L2 (mm)	L1 (mm)	(mm)		G (mm)	n	(kg)	
		A1	A2			A1	A2
100	159	36	-	20	2	0.55	-
150	209	86	34	15	3	0.68	0.76
200	259	136	84	40	3	0.82	0.89



±0.005mm

Mesa Posicionadora de alta precisão

A estrutura do trilho é analisada pela Análise de Elementos Finitos (FEA), de modo a obter a melhor rigidez com a máxima leveza. Composto por item único, o módulo KS não precisa de montagem, é compacto e tem alta capacidade de momento torsor e fletor.

KS50	02	P
Item NO	Travel	Accuracy Grade
	02	P: Precision Class
	06	C: Normal Class
	12	

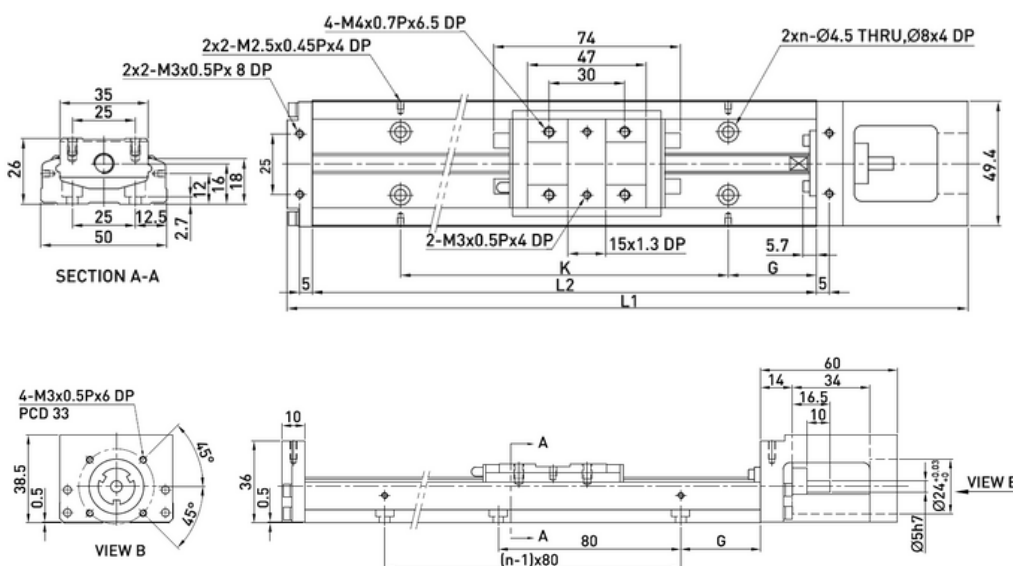
200	A	2
Track Length (mm)	Slide Types	Slide Number
150	A: Standard Type	1
200	Light Load Type	2
250		
300		

F0	C	S0
Motor Connection	Protecting Cover	Limit Switch
F0/F1/F2/F3	C: Aluminum Cover	S0: Only limit orbit
H0	B: Telescopic Cover	S1: PM-Y45 Panasonic PM-Y45
	None: no cover	

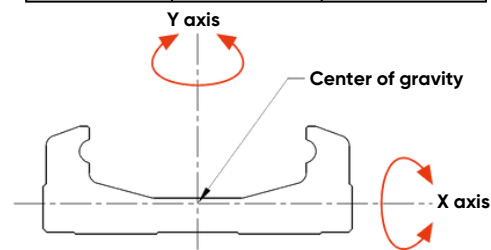
Basic Specification

Code		Ball Screw				Linear Guide															
		Nominal Outside Diameter (mm)	Lead (mm)	Basic Dynamic Rated Load (N)	Basic Static Rated Load (N)	Basic Dynamic Rated Load (N)		Basic Static Rated Load (N)		Permissible Static Moment											
										Pitching M_p (Nm)				Deflection M_y (Nm)				Rolling M_r (Nm)			
						Slide A Block A	Slide S Block S	Slide A Block A	Slide S Block S	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2
KS5002	P	8	2	2136	3489	8007	/	12916	/	116	545	/	/	116	545	/	/	222	444	/	/
	C			1813	2910																
KS5006	P	10	6	2670	5190																
KS5012	P	10	12	1860	3490																

Code	Length of Rail (mm)	Repetitive Accuracy (mm)		Traveling Parallelism (mm)		Max.Driving Torque (Ncm)	
		P	C	P	C	P	C
KS50	150	±0.003	±0.005	0.010	/	4	2
	200						
	250						
	300						

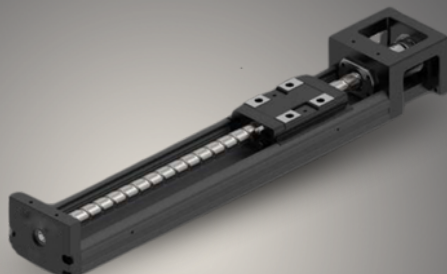


	lx	ly
KS50	9.6×10^3	1.34×10^5



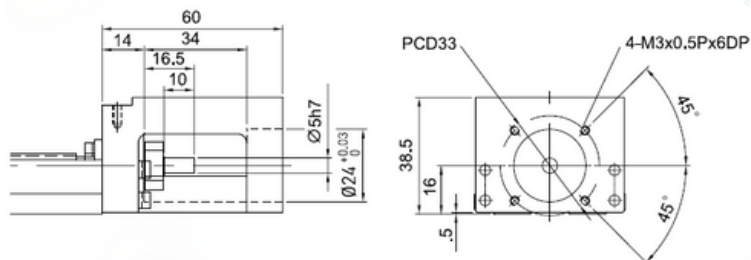
I_x: Moment of inertia along the X-axis
I_y: Moment of inertia along the Y-axis

L2 (mm)	L1 (mm)	(mm)		G (mm)	K (mm)	n	(kg)	
		A1	A2				A1	A2
150	220	70	-	35	80	2	1	-
200	270	120	55	20	160	3	1.2	1.4
250	320	170	105	45	160	3	1.4	1.6
300	370	220	155	30	240	4	1.6	1.8

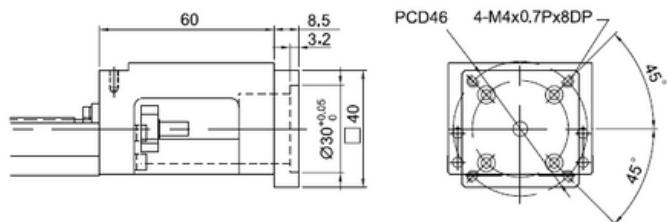


KS50

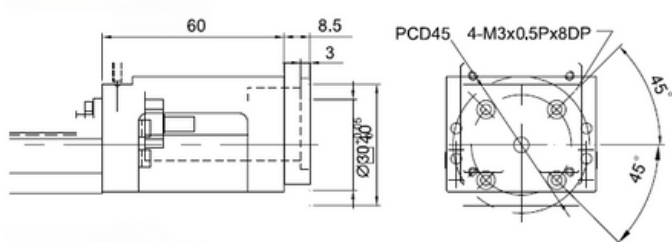
F0



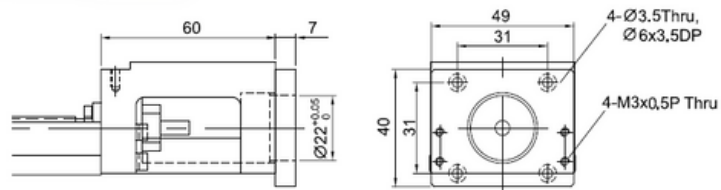
F1



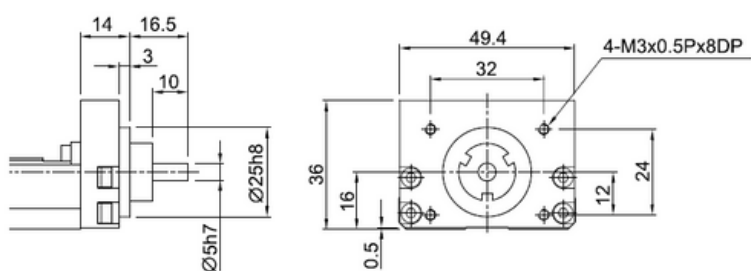
F2



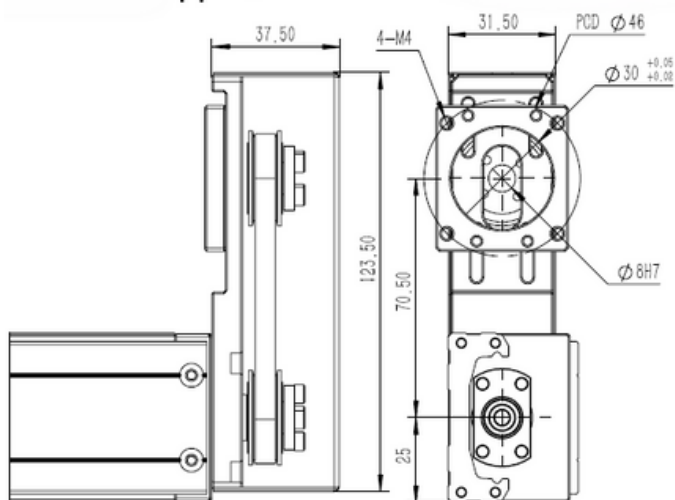
F3



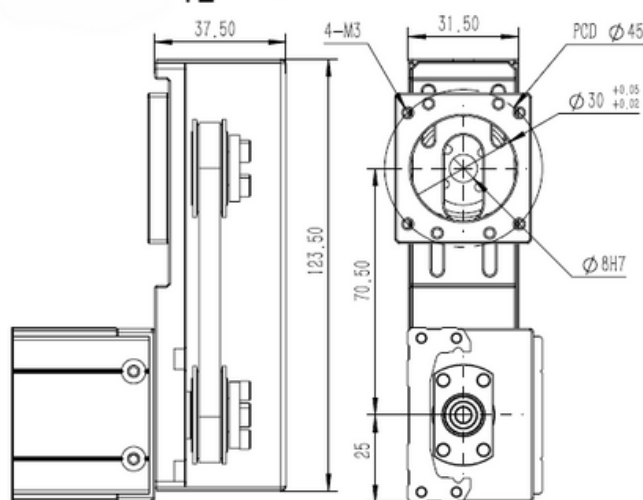
H0

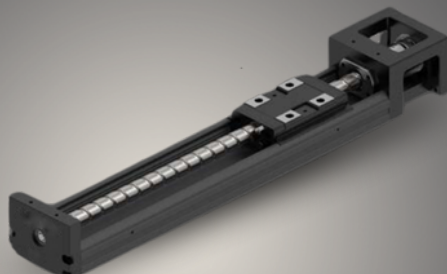


T1



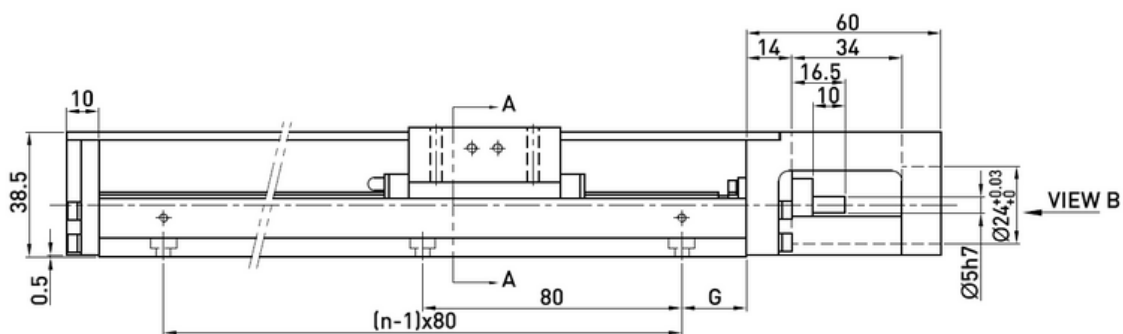
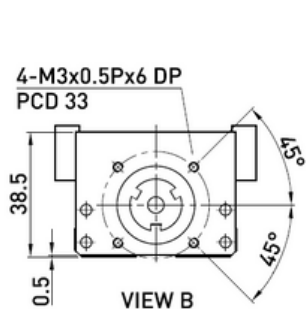
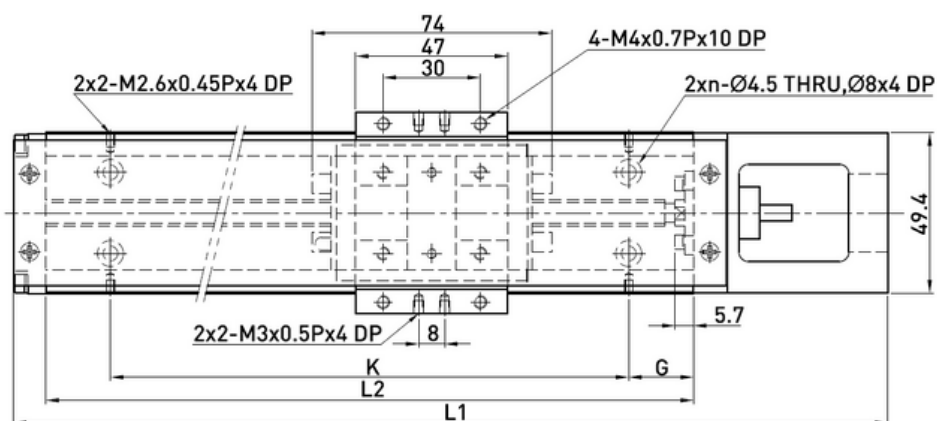
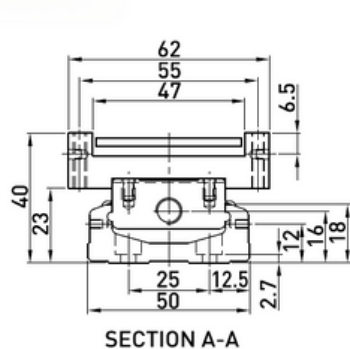
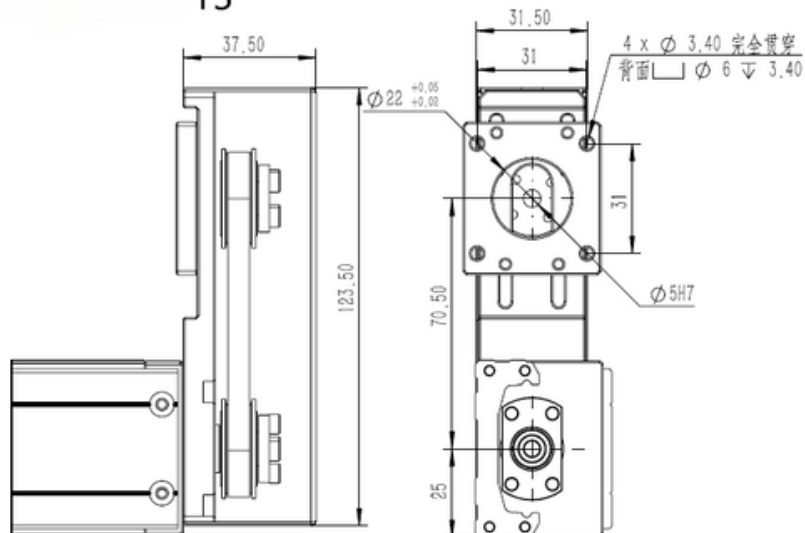
T2





KS50

T3



L2 (mm)	L1 (mm)	(mm)		G (mm)	K (mm)	n	(kg)	
		A1	A2				A1	A2
150	220	70	-	35	80	2	1.1	-
200	270	120	55	20	160	3	1.3	1.5
250	320	170	105	45	160	3	1.6	1.8
300	370	220	155	30	240	4	1.8	2.0



±0.005mm

Mesa Posicionadora de alta precisão

A estrutura do trilho é analisada pela Análise de Elementos Finitos (FEA), de modo a obter a melhor rigidez com a máxima leveza. Composto por item único, o módulo KS não precisa de montagem, é compacto e tem alta capacidade de momento torsor e fletor.

KS60D	05	P
Item NO	Travel	Accuracy Grade
	05	P: Precision Class
	10	C: Normal Class

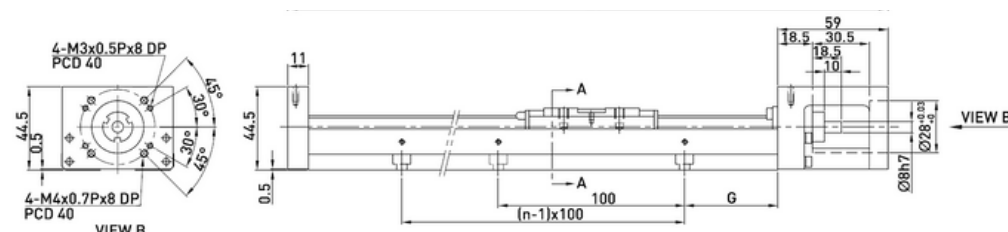
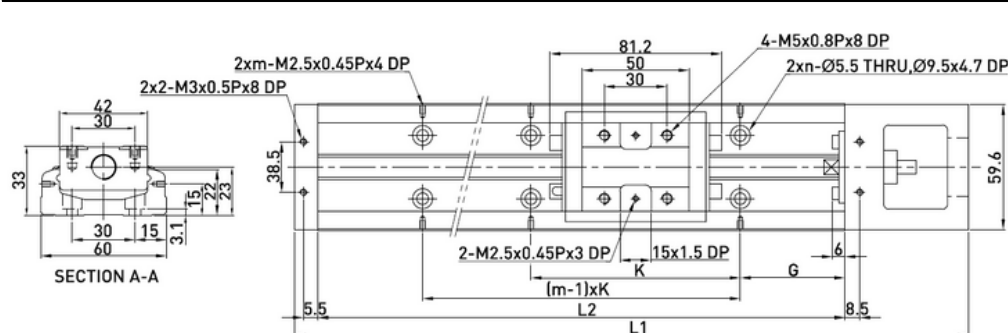
200	A	2
Track Length (mm)	Slide Types	Slide Number
150	A: Standard Type	1
200	Light Load Type	2
300		
400		
500		
600		

F0	C	S0
Motor Connection	Protecting Cover	Limit Switch
F0-F5	C: Aluminum Cover	S0: Only limit orbit
H0	B: Telescopic Cover	S1: PM-Y45 Panasonic PM-Y45
T1/T2/T5	None: no cover	

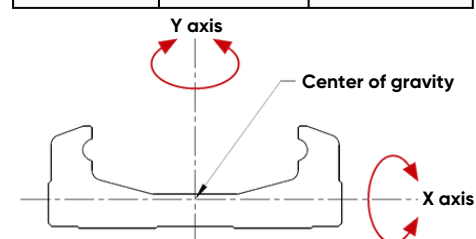
Basic Specification

Code		Ball Screw				Linear Guide																	
		Nominal Outside Diameter (mm)	Lead (mm)	Basic Dynamic Rated Load (N)	Basic Static Rated Load (N)	Basic Dynamic Rated Load (N)	Basic Static Rated Load (N)	Permissible Static Moment															
								Pitching M _P (Nm)				Deflection M _y (Nm)				Rolling M _R (Nm)							
								Slide A Block A	Slide S Block S	Slide A Block A	Slide S Block S	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2
KS60D05	P	12	5	3744	6234	13230	/	21462	/	152	760	/	/	152	760	/	/	419	838	/	/		
	C			3377	5625																		
KS60D10	P	12	10	2410	3743	13230	/	21462	/	152	760	/	/	152	760	/	/	419	838	/	/		
	C			2107	3234																		

Code	Length of Rail (mm)	Repetitive Accuracy (mm)		Traveling Parallelism (mm)		Max.Driving Torque (Ncm)	
		P	C	P	C	P	C
KS60D	150	±0.003	±0.005	0.010	/	15	7
	200						
	300						
	400						
	500	±0.003	±0.005	0.015	/	15	7
	600						

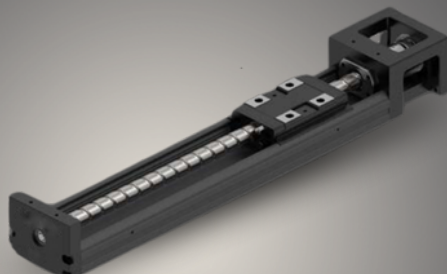


	lx	ly
KS60	2.056×10^4	2.802×10^5



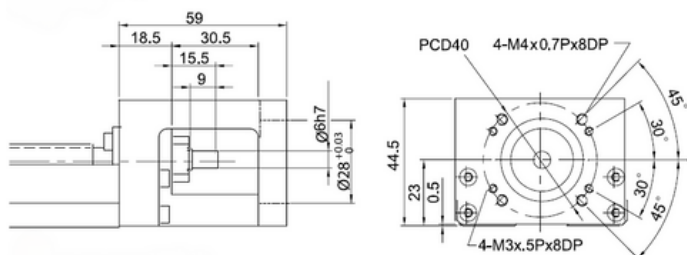
I_x : Moment of inertia along the X-axis
 I_y : Moment of inertia along the Y-axis

L2 (mm)	L1 (mm)	(mm)		G (mm)	K (mm)	n	m	(kg)	
		A1	A2					A1	A2
150	220	60	-	25	100	2	2	1.5	-
200	270	110	-	50	100	2	2	1.8	-
300	370	210	135	50	200	3	2	2.4	2.7
400	470	310	235	50	100	4	4	3	3.3
500	570	410	335	50	200	5	3	3.6	3.9
600	670	510	435	50	100	6	6	4.2	4.6

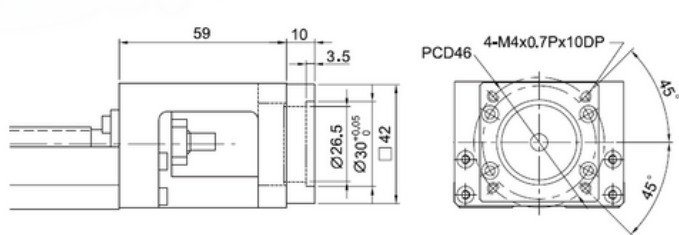


KS60

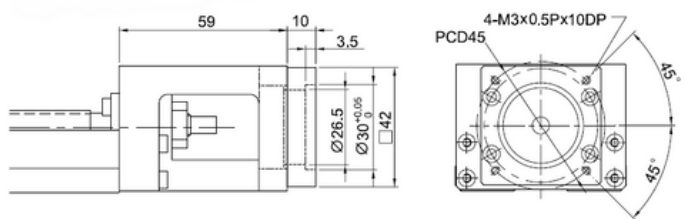
F0



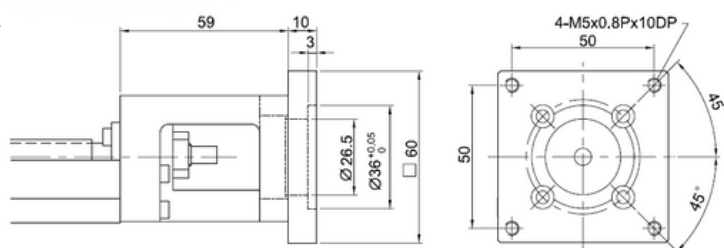
F1



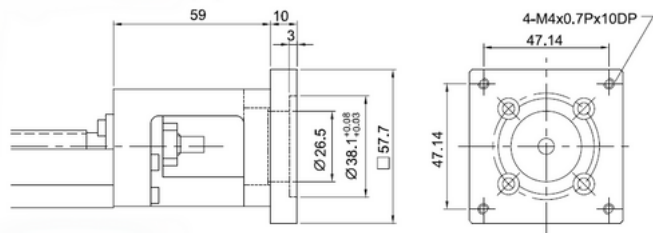
F2



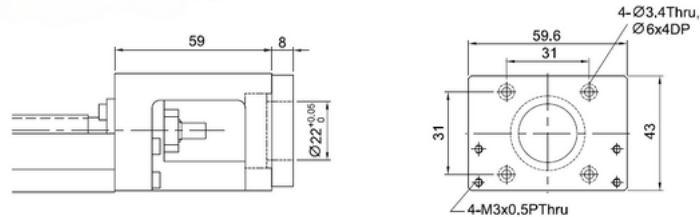
F3



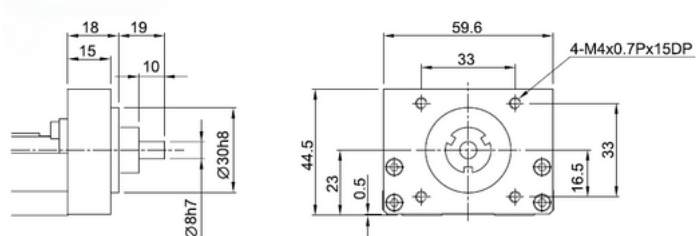
F4



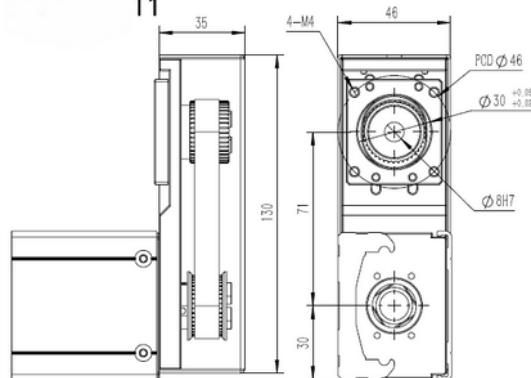
F5



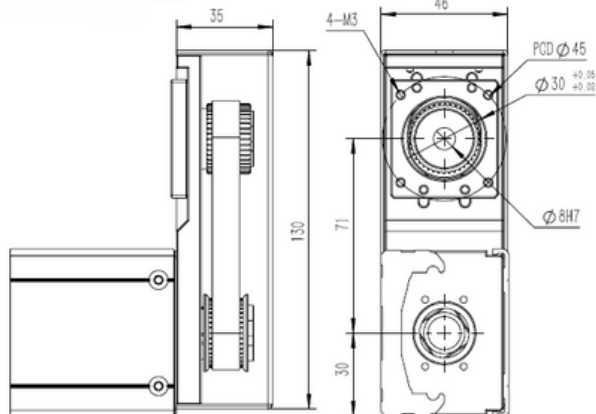
H0



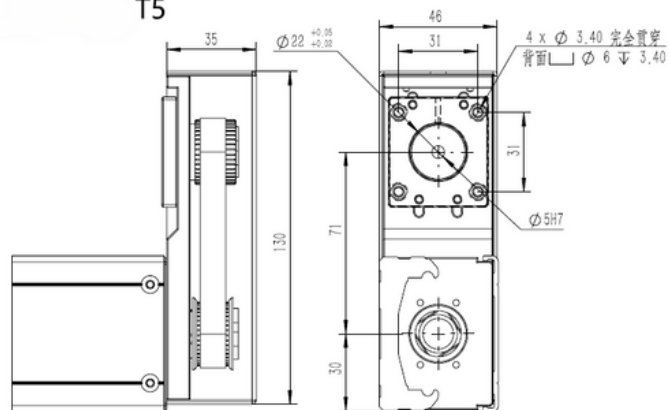
T1

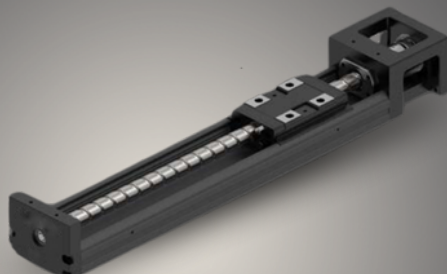


T2

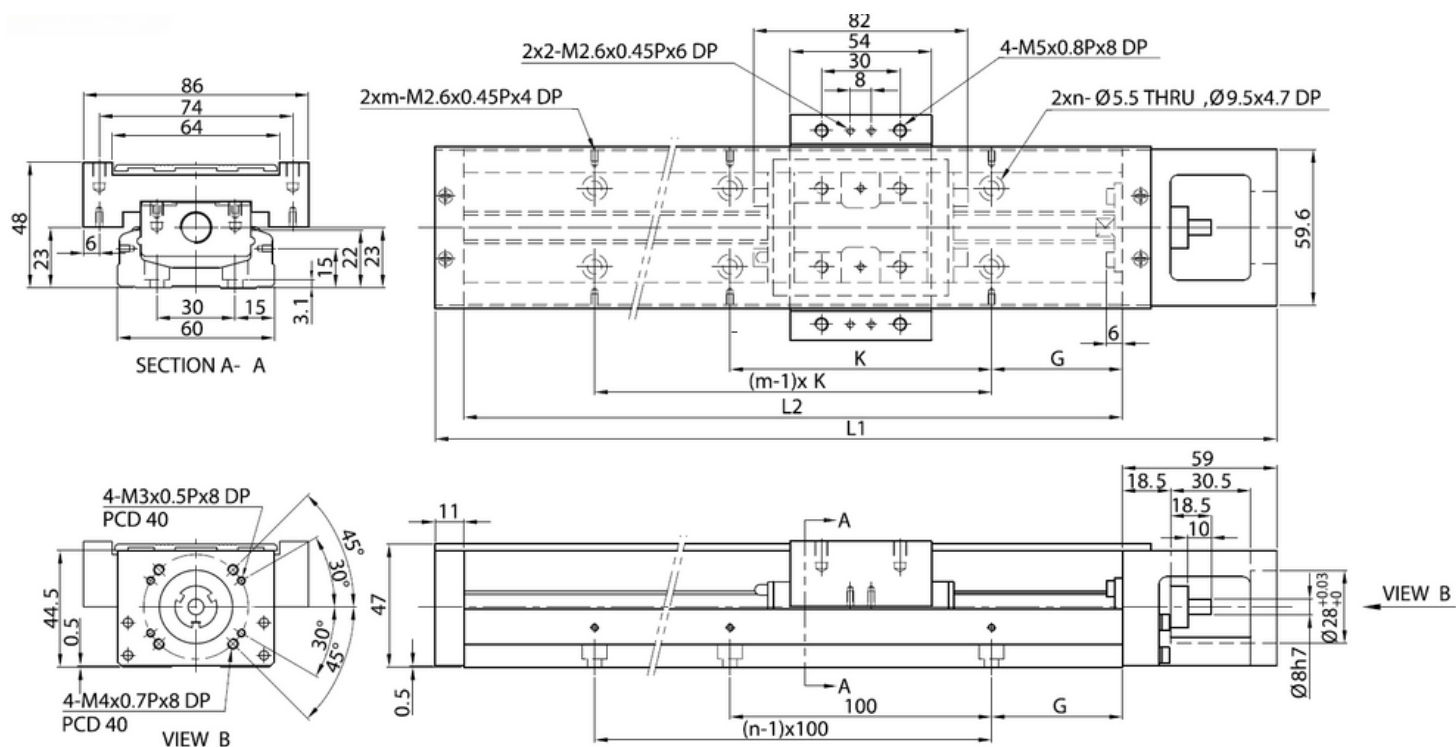


T5





KS60



L2 (mm)	L1 (mm)	(mm)		G (mm)	K (mm)	n	m	(kg)	
		A1	A2					A1	A2
150	220	60	-	25	100	2	2	1.7	-
200	270	110	-	50	100	2	2	2.1	-
300	370	210	135	50	200	3	2	2.7	3.0
400	470	310	235	50	100	4	4	3.3	3.6
500	570	410	335	50	200	5	3	3.9	4.2
600	670	510	435	50	100	6	6	4.6	5.0

Mesa Posicionadora de alta precisão

±0.005mm

A estrutura do trilho é analisada pela Análise de Elementos Finitos (FEA), de modo a obter a melhor rigidez com a máxima leveza. Composto por item único, o módulo KS não precisa de montagem, é compacto e tem alta capacidade de momento torsor e fletor.

KS86D	10	P
Item NO	Travel	Accuracy Grade
	10	P: Precision Class
	20	C: Normal Class

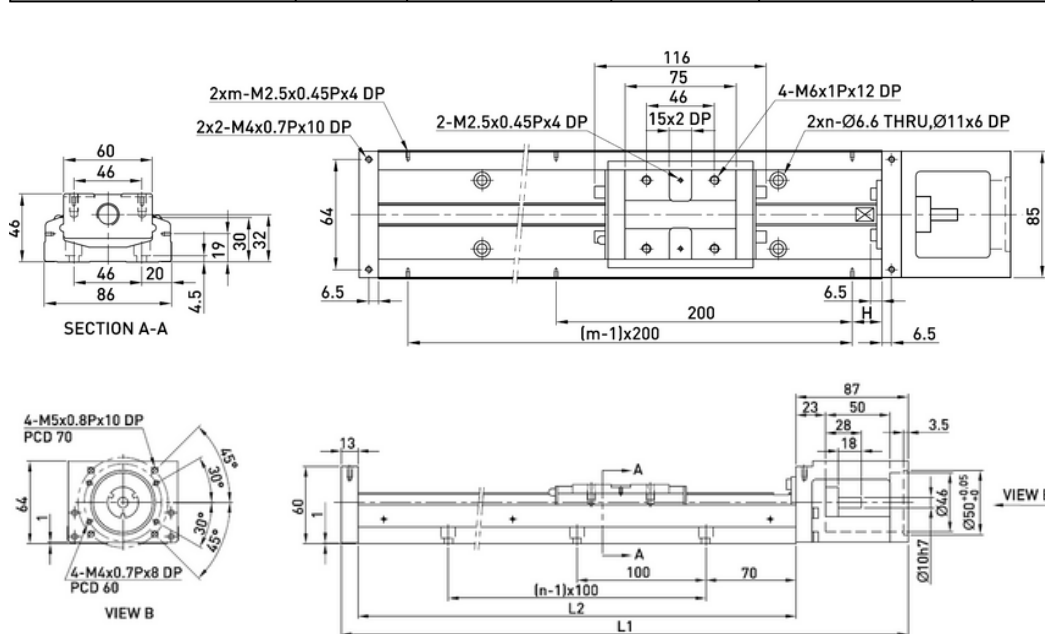
340	A	2
Track Length (mm)	Slide Types	Slide Number
340	A: Standard Type	1
440	Light Load Type	2
540		
640		
740		
940		

F0	C	S0
Motor Connection	Protecting Cover	Limit Switch
F0-F6	C: Aluminum Cover	S0: Only limit orbit
H0	B: Telescopic Cover	S1: PM-Y45 Panasonic PM-Y45
T0/T1/T6	None: no cover	

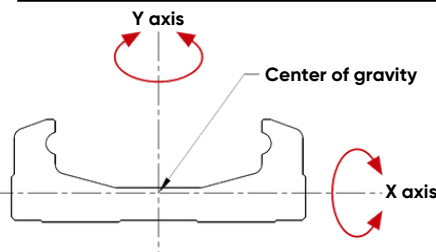
Basic Specification

Code		Ball Screw				Linear Guide															
		Nominal Outside Diameter (mm)	Lead (mm)	Basic Dynamic Rated Load (N)	Basic Static Rated Load (N)	Basic Dynamic Rated Load (N)		Basic Static Rated Load (N)		Permissible Static Moment											
										Pitching M _p (Nm)				Deflection M _y (Nm)				Rolling M _r (Nm)			
						Slide A Block A	Slide S Block S	Slide A Block A	Slide S Block S	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2
KS86D10	P	15	10	7144	12642	31458	/	50764	/	622	/	3050	/	/	622	3050	/	1507	3014	/	/
	C			6429	11387																
KS86D20	P	15	20	4645	7655	31458	/	50764	/	622	/	3050	/	/	622	3050	/	1507	3014	/	/
	C			4175	6889																

Code	Length of Rail (mm)	Repetitive Accuracy (mm)		Traveling Parallelism (mm)		Max. Driving Torque (Ncm)	
		P	C	P	C	P	C
KS86D	340	±0.003	±0.005	0.015	/	15	7
	440						
	540						
	640						
	740	±0.003	±0.005	0.020	/	17	10
	940			0.030	/	25	10

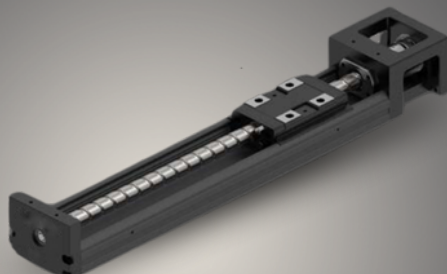


	Ix	Iy
KS86	7.445x10 ⁴	1.134x10 ⁶



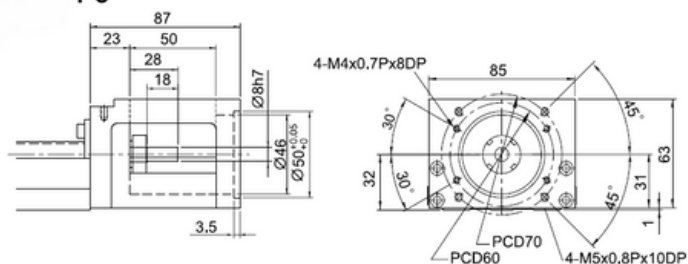
Ix: Moment of inertia along the X-axis
Iy: Moment of inertia along the Y-axis

L2 (mm)	L1 (mm)	(mm)		H (mm)	n	m	(kg)	
		A1	A2				A1	A2
340	440	210	100	70	3	2	5.7	6.5
440	540	310	200	20	4	3	6.9	7.7
540	640	410	300	70	5	3	8.0	8.8
640	740	510	400	20	6	4	9.2	10.0
740	840	610	500	70	7	4	10.4	11.2
940	1040	810	700	70	9	5	11.6	12.4

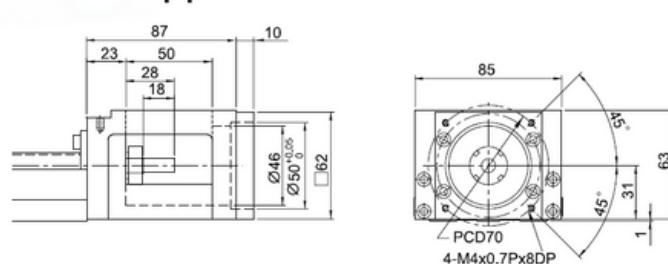


KS86

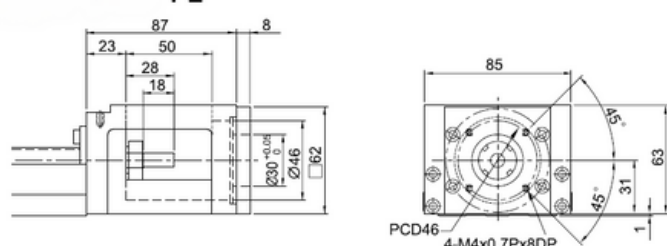
F0



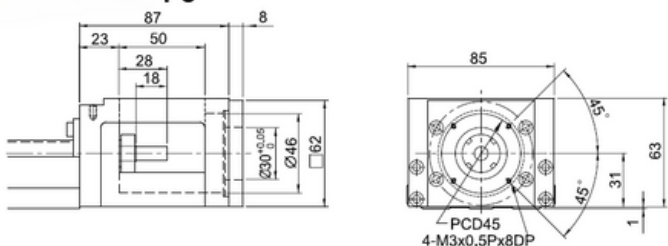
F1



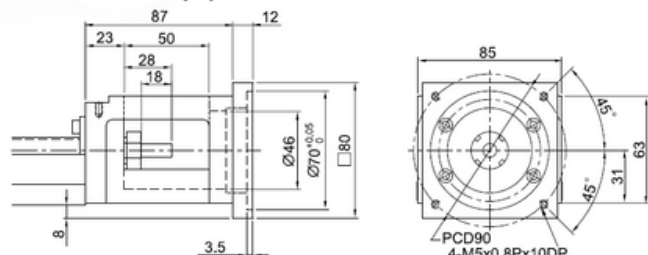
F2



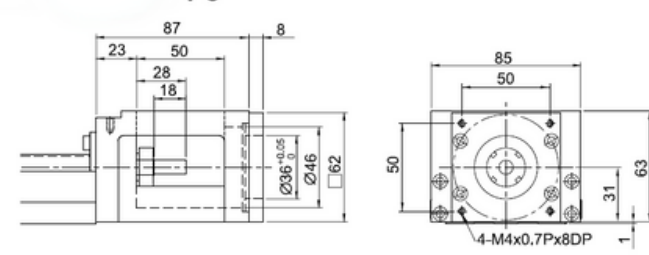
F3



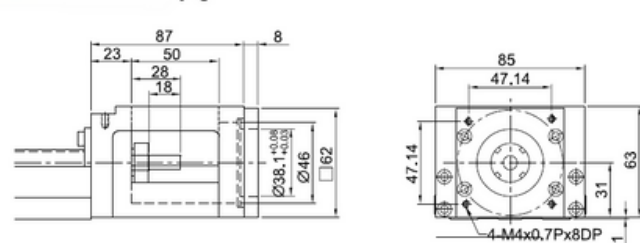
F4



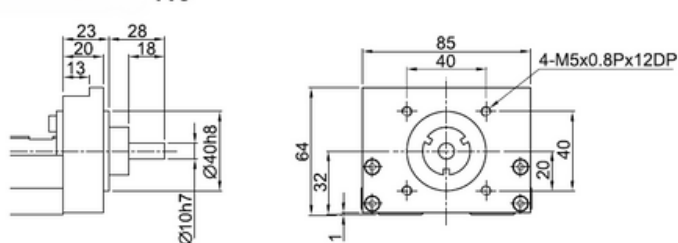
F5



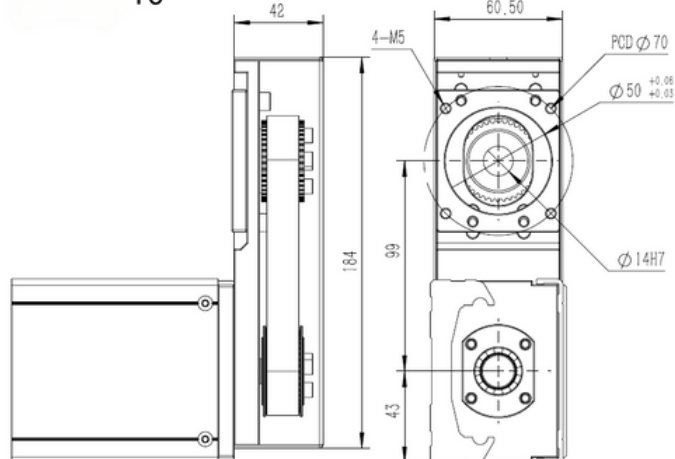
F6



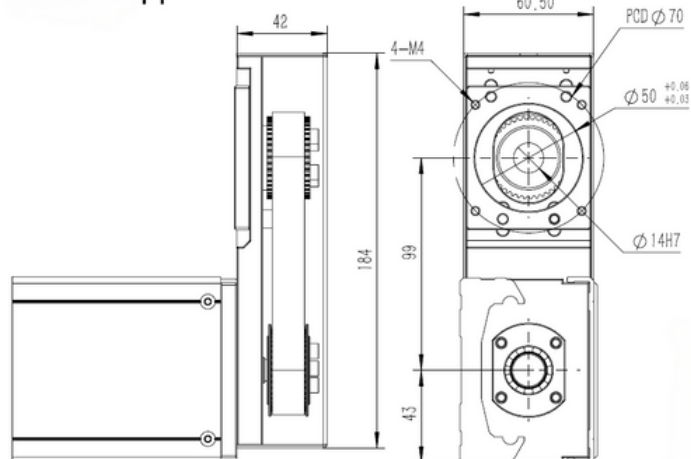
H0

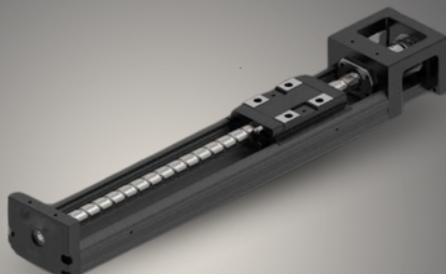


T0



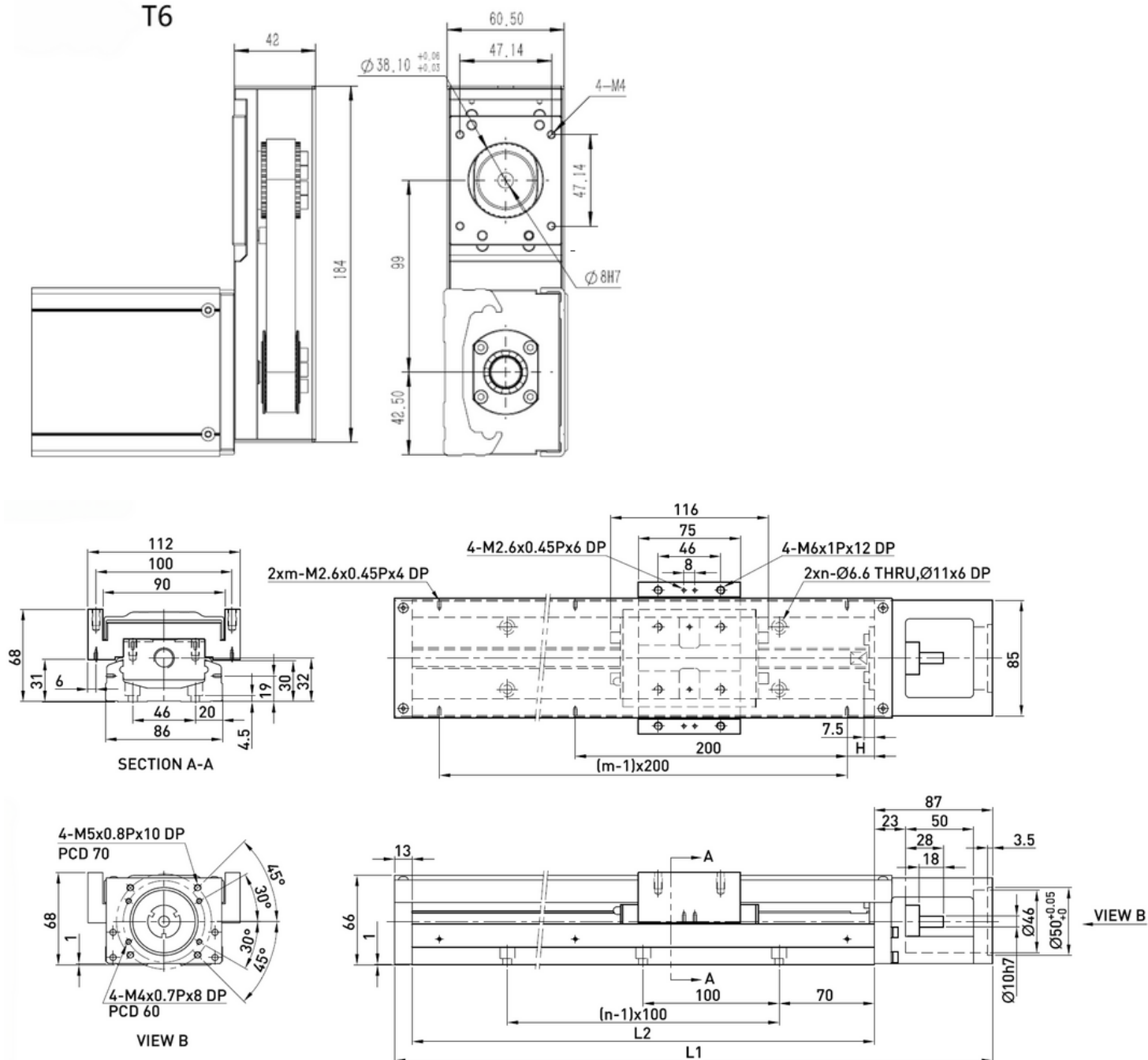
T1





KS86

T6



L2 (mm)	L1 (mm)	(mm)		H (mm)	n	m	(kg)	
		A1	A2				A1	A2
340	440	210	100	70	3	2	6.5	7.3
440	540	310	200	20	4	3	7.8	8.6
540	640	410	300	70	5	3	9.0	9.8
640	740	510	400	20	6	4	10.3	11.3
740	840	610	500	70	7	4	11.6	12.4
940	1040	810	700	70	9	5	13.0	13.8

Mesa Posicionadora de alta precisão

±0.005mm

A estrutura do trilho é analisada pela Análise de Elementos Finitos (FEA), de modo a obter a melhor rigidez com a máxima leveza. Composto por item único, o módulo KS não precisa de montagem, é compacto e tem alta capacidade de momento torsor e fletor.

KS100	20	P	E
Item NO	Travel	Accuracy Grade	
	20	P: Precision Class	
		C: Normal Class	

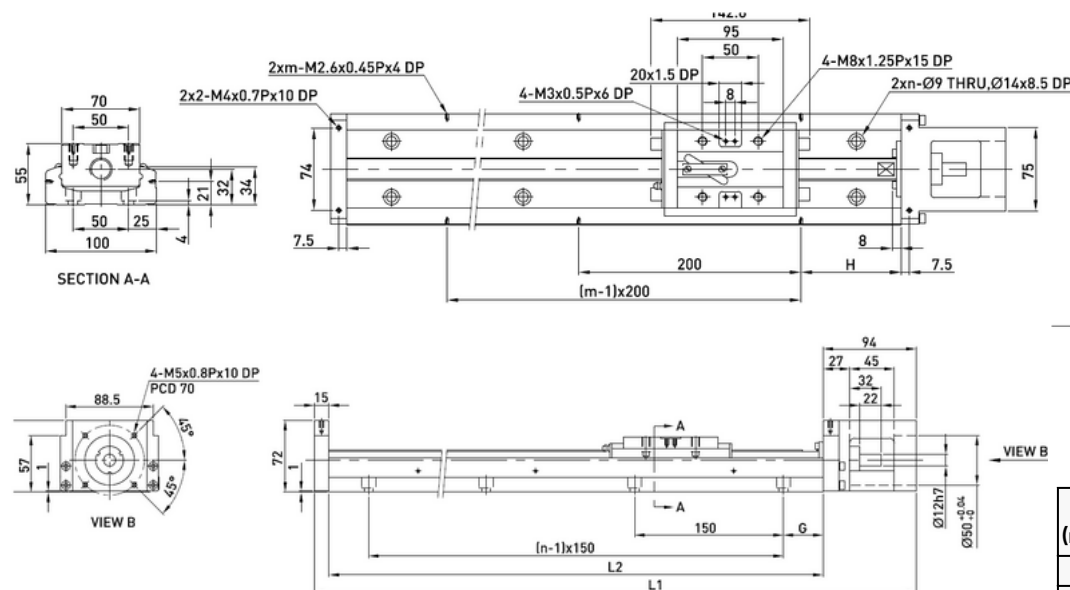
980	A	2
Track Length (mm)	Slide Types	Slide Number
980	A: Standard Type	1
1080		2
1180		
1280		
1380		

F0	C	S0
Motor Connection	Protecting Cover	Limit Switch
F0-F5	C: Aluminum Cover	S0: Only limit orbit
H0	B: Telescopic Cover	S1: PM-Y45 (NPN) Panasonic PM-Y45 (NPN)
	None: no cover	S1P: PM-Y45-P (PNP) Panasonic PM-Y45-P (PNP)

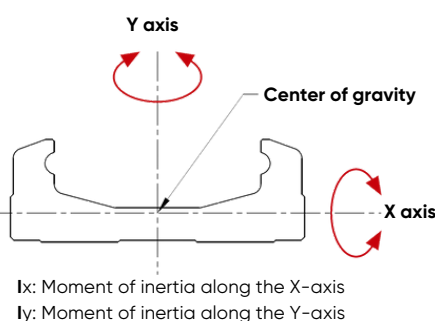
Basic Specification

Code		Ball Screw				Linear Guide															
		Nominal Outside Diameter (mm)	Lead (mm)	Basic Dynamic Rated Load (N)	Basic Static Rated Load (N)	Basic Dynamic Rated Load (N)		Basic Static Rated Load (N)		Permissible Static Moment											
										Pitching M _p (Nm)				Deflection M _f (Nm)				Rolling M _r (Nm)			
						Slide A Block A	Slide S Block S	Slide A Block A	Slide S Block S	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2	Slide A1 Block A1	Slide A2 Block A2	Slide S1 Block S1	Slide S2 Block S2
KS10020	P	20	20	7046	12544	39200	/	63406	/	960	4763	/	/	960	4763	/	/	2205	4410	/	/
	C			4785	9163																

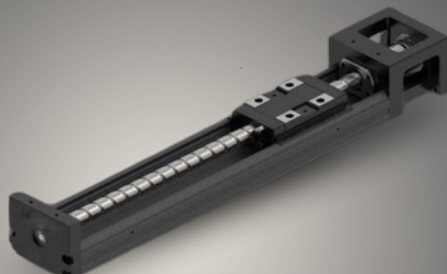
Code	Length of Rail (mm)	Repetitive Accuracy (mm)		Traveling Parallelism (mm)		Max. Driving Torque (Ncm)	
		P	C	P	C	P	C
KS100	980	±0.005	±0.01	0.025	/	17	12
	1080	±0.005	±0.01	0.03	/	20	12
	1180	±0.005	±0.01	0.035	/	23	15
	1280	±0.005	±0.01	0.04	/	25	
	1380	±0.005	±0.01				



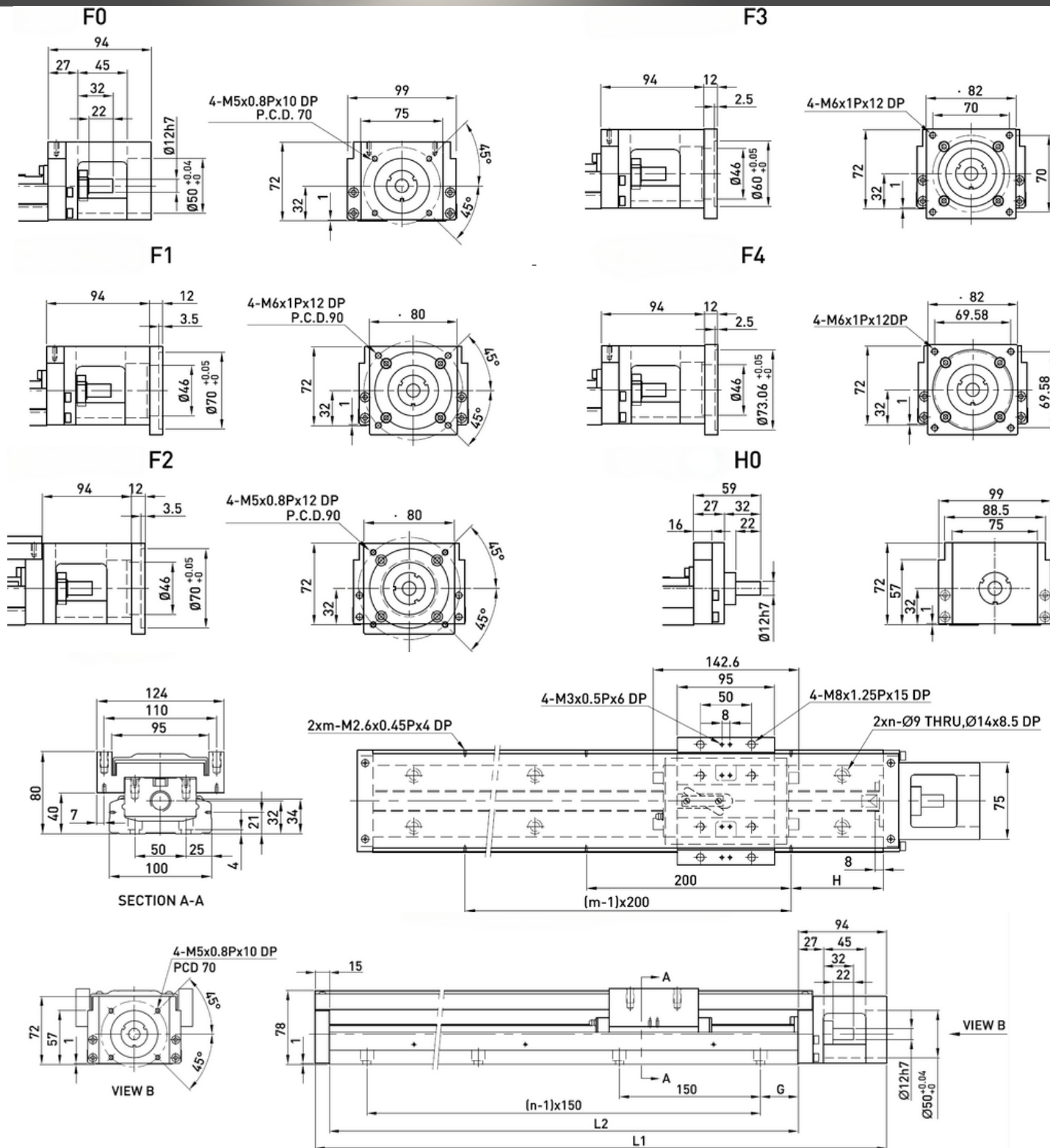
	I_x	I_y
KS100	2.056×10^4	2.802×10^5



L2 (mm)	L1 (mm)	(mm)		G (mm)	H (mm)	n	m	(kg)	
		A1	A2					A1	A2
980	1089	828	700	40	90	7	5	18.6	20.3
1080	1189	928	800	15	40	8	6	20.3	22.0
1180	1289	1028	900	65	90	8	6	22.0	23.7
1280	1389	1128	1000	40	40	9	7	23.6	25.3
1380	1489	1228	1100	15	90	10	7	25.3	27.0



KS100



L2 (mm)	L1 (mm)	(mm)		G (mm)	H (mm)	n		(kg)	
		A1	A2			n	m	A1	A2
980	1089	828	700	40	90	7	5	20.4	22.1
1080	1189	928	800	15	40	8	6	22.2	23.9
1180	1289	1028	900	65	90	8	6	24.0	25.7
1280	1389	1128	1000	40	40	9	7	25.7	27.4
1380	1489	1228	1100	15	90	10	7	27.5	29.2