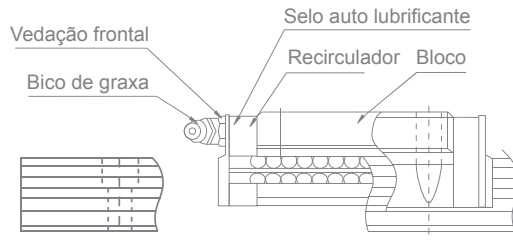
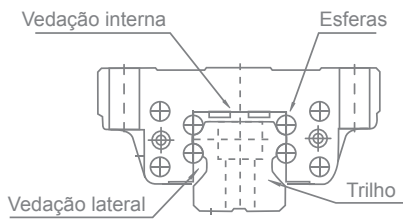


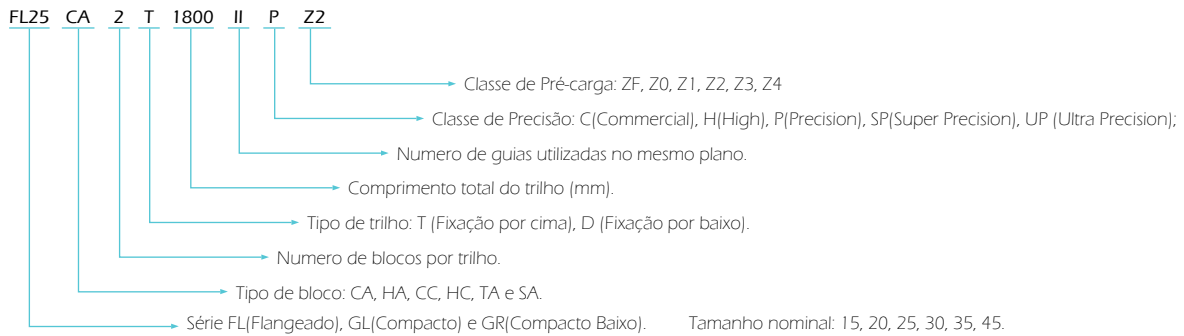


## Guia Linear

## • Características da Guia Linear SFT



## • Codificação



## • Classificação de precisão da Guia Linear SFT

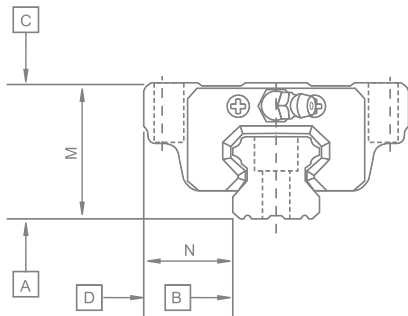


Tabela de paralelismo da Guia Linear SFT

Comprimento total do trilho (mm)	Classificação de Precisão (µm)				
	C	H	P	SP	UP
~100	12	7	3	2	2
100~200	14	9	4	2	2
200~300	15	10	5	3	2
300~500	17	12	6	3	2
500~700	20	13	7	4	2
700~900	22	15	8	5	3
900~1100	24	16	9	6	3
1100~1500	26	18	11	7	4
1500~1900	28	20	13	8	4
1900~2500	31	22	15	10	5
2500~3100	33	25	18	11	6
3100~3600	36	27	20	14	7
3600~4040	37	28	21	15	7

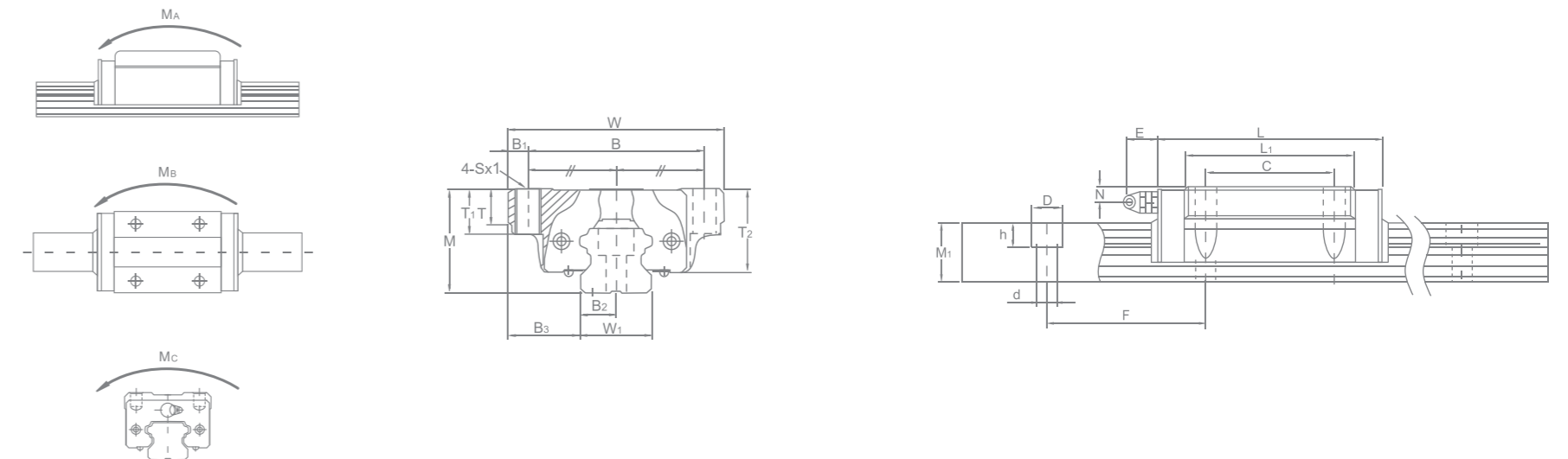
Unidade(mm)		FL · GL · GR-15 / 20 / 25 / 30 / 35 / 45				
Ítems		Commercial (C)	High (H)	Precision (P)	Super Precision (SP)	Ultra Precision (UP)
Tolerancia dimensional para altura M		±0.1	±0.04	0 -0.04	0 -0.02	0 -0.01
Tolerancia dimensional para largura N		±0.1	±0.04	0 -0.04	0 -0.02	0 -0.01
Pares	Diferença na altura M	0.02	0.015	0.007	0.005	0.003
	Diferença na largura N	0.02	0.015	0.007	0.005	0.003
Classe de Pré-carga	ZF,Z0,Z1	Z0~Z4				
Paralelismo da superfície C em relação à superfície A		Detalhes na tabela de paralelismo				
Paralelismo da superfície D em relação à superfície B		Detalhes na tabela de paralelismo				



**Modelo Flangeado FL**

Dimensões do bloco SFT / Dimensões do trilho SFT / mm

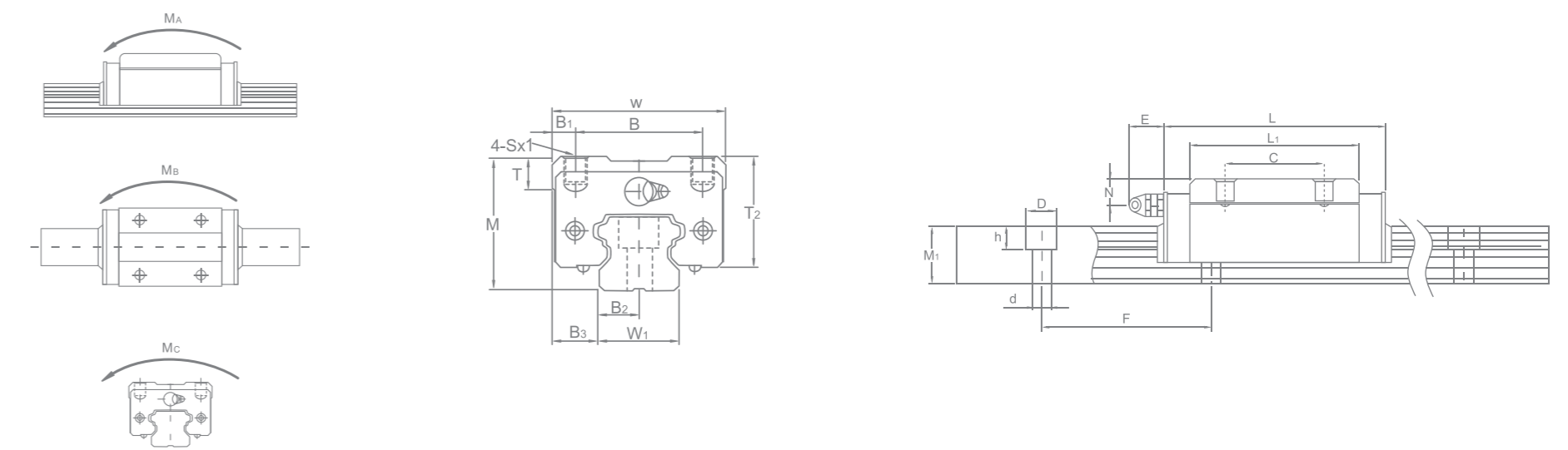
Modelo	Largura (W)	Comprimento (L)	Altura (M)	B	B <sub>1</sub>	L <sub>1</sub>	C	T	T <sub>1</sub>	T <sub>2</sub>	Sx1	N	E	Bico de graxa	Largura (W <sub>1</sub> )	Altura (M <sub>1</sub> )	Passo (F)	B <sub>2</sub>	B <sub>3</sub>	dxDxh	C kgf	C <sub>0</sub> kgf	M <sub>A</sub> kgf-m	M <sub>B</sub> kgf-m	M <sub>C</sub> kgf-m	Bloco (Kg/peça)	Trilho (kg/m)
FL15 CC	47	56.2	24	38	4.5	38.2	30	7	11	19.5	M5x11	4.5	5.5	M4x0.7P	15	15	60	7.5	16	4.5x7.5x5.5	850	1380	7.3	7.3	10.1	0.2	1.7
FL20 CC	63	70.5	30	53	5	50.5	40	10	10	24.5	M6x10	5	12	M6x1.0P	20	18	60	10	21.5	6x9.5x8.5	1410	2430	15.9	15.9	23.7	0.35	2.5
FL20 HC	63	86.5	30	53	5	66.5	40	10	10	24.5	M6x10	5	12	M6x1.0P	20	18	60	10	21.5	6x9.5x8.5	2170	3240	27.5	27.5	31.6	0.47	2.5
FL25 CC	70	78	36	57	6.5	58	45	12	16	29.0	M8x16	6	12	M6x1.0P	23	22	60	11.5	23.5	7x11x9	2030	3510	27.5	27.5	40.0	0.59	3.6
FL25 HC	70	97	36	57	6.5	77	45	12	16	29.0	M8x16	6	12	M6x1.0P	23	22	60	11.5	23.5	7x11x9	2770	4680	46.8	46.8	51.8	0.75	3.6
FL30 CC	90	93.5	42	72	9	70.5	52	12	18	34.0	M10x18	7	12	M6x1.0P	28	26	80	14	31	9x14x12	2860	4770	43.8	43.8	65.8	1.1	5.1
FL30 HC	90	115.5	42	72	9	92.5	52	12	18	34.0	M10x18	7	12	M6x1.0P	28	26	80	14	31	9x14x12	3800	6370	74.4	74.4	87.7	1.3	5.1
FL35 CC	100	105.5	48	82	9	80.5	62	13	21	39.0	M10x21	8	12	M6x1.0P	34	29	80	17	33	9x14x12	3800	6230	65.4	65.4	104.7	1.6	6.9
FL35 HC	100	130.5	48	82	9	105.5	62	13	21	39.0	M10x21	8	12	M6x1.0P	34	29	80	17	33	9x14x12	5120	8310	111.1	111.1	139.9	2.0	6.9
FL45 CC	120	128.2	60	100	10	99.2	80	14	25	48.5	M12x25	10	16	1/8 PT	45	38	105	22.5	37.5	14x20x17	6120	9750	127.6	127.6	213.2	2.8	11.0
FL45 HC	120	159.5	60	100	10	130.5	80	14	25	48.5	M12x25	10	16	1/8 PT	45	38	105	22.5	37.5	14x20x17	8200	13000	217.1	217.1	284.1	3.3	11.0



**Modelo Compacto GL**

Dimensões do bloco SFT / Dimensões do trilho SFT / mm

Modelo	Largura (W)	Comprimento (L)	Altura (M)	B	B <sub>1</sub>	L <sub>1</sub>	C	T	T <sub>2</sub>	Sx1	N	E	Bico de graxa	Largura (W <sub>1</sub> )	Altura (M <sub>1</sub> )	Passo (F)	B <sub>2</sub>	B <sub>3</sub>	dxDxh	C kgf	C <sub>0</sub> kgf	M <sub>A</sub> kgf-m	M <sub>B</sub> kgf-m	M <sub>C</sub> kgf-m	Bloco (Kg/peça)	Trilho (kg/m)
GL15 CA	34	56.2	28	26	4	38.2	26	6	23.5	M4x5	8.5	5.5	M4x0.7P	15	15	60	7.5	9.5	4.5x7.5x5.5	850	1380	7.3	7.3	10.1	0.18	1.7
GL20 CA	44	70.5	30	32	6	50.5	36	8	24.5	M5x6	5	12	M6x1.0P	20	18	60	10	12	6x9.5x8.5	1410	2430	15.9	15.9	23.7	0.25	2.5
GL20 HA	44	86.5	30	32	6	66.5	50	8	24.5	M5x6	5	12	M6x1.0P	20	18	60	10	12	6x9.5x8.5	2170	3240	27.5	27.5	31.6	0.35	2.5
GL25 CA	48	78	40	35	6.5	58	35	12	33.0	M6x8	10	12	M6x1.0P	23	22	60	11.5	12.5	7x11x9	2030	3510	27.5	27.5	40.0	0.54	3.6
GL25 HA	48	97	40	35	6.5	77	50	12	33.0	M6x8	10	12	M6x1.0P	23	22	60	11.5	12.5	7x11x9	2770	4680	46.8	46.8	51.8	0.67	3.6
GL30 CA	60	93.5	45	40	10	70.5	40	12	37.0	M8x10	10	12	M6x1.0P	28	26	80	14	16	9x14x12	2860	4770	43.8	43.8	65.8	0.9	5.1
GL30 HA	60	115.5	45	40	10	92.5	60	12	37.0	M8x10	10	12	M6x1.0P	28	26	80	14	16	9x14x12	3800	6370	74.4	74.4	87.7	1.1	5.1
GL35 CA	70	105.5	55	50	10	80.5	50	12	46.0	M8x12	15	12	M6x1.0P	34	29	80	17	18	9x14x12	3800	6230	65.4	65.4	104.7	1.5	6.9
GL35 HA	70	130.5	55	50	10	105.5	72	12	46.0	M8x12	15	12	M6x1.0P	34	29	80	17	18	9x14x12	5120	8310	111.1	111.1	139.9	2.0	6.9
GL45 CA	86	128.2	70	60	13	99.2	60	15	58.5	M10x17	20	16	1/8 PT	45	38	105	22.5	20.5	14x20x17	6120	9750	127.6	127.6	213.2	2.6	11.0
GL45 HA	86	159.5	70	60	13	130.5	80	15	58.5	M10x17	20	16	1/8 PT	45	38	105	22.5	20.5	14x20x17	8200	13000	217.1	217.1	284.1	3.1	11.0



**Modelo Compacto Baixo GR**

Dimensões do bloco SFT / Dimensões do trilho SFT / mm

Modelo	Largura (W)	Comprimento (L)	Altura (M)	B	B <sub>1</sub>	L <sub>1</sub>	C	T	T <sub>2</sub>	Sx1	N	E	Bico de graxa	Width (W <sub>1</sub> )	Altura (M <sub>1</sub> )	Passo (F)	B <sub>2</sub>	B <sub>3</sub>	dxDxh	C kgf	C <sub>0</sub> kgf	M <sub>A</sub> kgf-m	M <sub>B</sub> kgf-m	M <sub>C</sub> kgf-m	Bloco (Kg/peça)	Trilho (kg/m)
GR15 TA	34	56.2	24	26	4	38.2	26	6	19.5	M4x5	4	5.5	M4x0.7P	15	15	60	7.5	9.5	4.5x7.5x5.5	850	1380	7.3	7.3	10.1	0.18	1.7
GR15 SA	34	40.5	24	26	4	21.3	-	6	19.5	M4x5	4	5.5	M4x0.7P	15	15	60	7.5	9.5	4.5x7.5x5.5	550	1132	2.04	2.04	4.08	0.11	1.7
GR20 TA	42	67.2	28	32	5	47.2	32	7.5	22.5	M5x6	4	12	M6x1.0P	20	18	60	10	11	6x9.5x8.5	1410	2430	15.9	15.9	23.7	0.25	2.5
GR20 SA	42	47.5	28	32	5	27.5	-	7.5	22.5	M5x6	4	12	M6x1.0P	20	18	60	10	11	6x9.5x8.5	730	1468	3.06	2.04	7.14	0.23	2.5
GR25 TA	48	79.5	33	35	6.5	59.5	35	8	26	M6x8	4.5	12	M6x1.0P	23	22	60	11.5	12.5	7x11x9	2030	3510	27.5	27.5	40.0	0.54	3.6
GR25 SA	48	55.0	33	35	6.5	35.0	-	8	26	M6x8	4.5	12	M6x1.0P	23	22	60	11.5	12.5	7x11x9	1190	2295	5.1	4.08	12.24	0.45	3.6
GR30 TA	60	92.5	42	40	10	69.0	40	9	34	M8x10	7	12	M6x1.0P	28	26	80	14	16	9x14x12	2860	4770	43.8	43.8	65.8	0.9	5.1
GR30 SA	60	63.5	42	40	10	40.5	-	9	34	M8x10	7	12	M6x1.0P	28	26	80	14	16	9x14x12	1754	3315	9.18	8.16	21.42	0.7	5.1
GR35 TA	70	104.0	48	50	10	79.0	50	13	39	M8x12	8	12	M6x1.0P	34	29	80	17	18	9x14x12	3800	6230	40.8	34.68	61.2	1.5	6.9
GR35 SA	70	70.5	48	50	10	45.5	-	13	39	M8x12	8	12	M6x1.0P	34	29	80	17	18	9x14x12	2428	4498	14.28	12.24	34.68	1.2	6.9

