



400 Series Profile Rail Linear Guides

Transport grade ball profile rail system

Features and Benefits

The 400 Series Profile Rail Linear Guide is the newest addition to the Thomson Linear Guide product line. The 400 Series is a cost effective, transport grade Profile Rail solution for cost-sensitive applications, and is a drop-in replacement with industry-standard envelope and hole patterns. Double-faced ball track bearing arrangements provide compliance during installation as well as equal load carrying capacity in all directions. Caged and non-caged carriages utilize the same rail design. This enables efficient use of inventory, as only one rail type needs to be stocked for either carriage type.

Low Noise and Vibration

Polymer ball-return tube reduces noise while retaining lubrication.

Modular Accessory Options

Standard double lip end and longitudinal seals retain lubrication while protecting the bearing from contamination. Additional seals and scrapers available.

Lubrication Channels

Channels direct lubricant to individual ball tracks to maximize lubrication effectiveness

Double-Faced Ball Tracks

The 400 Series Linear Guide utilizes a 45°, face-to-face bearing arrangement, resulting in equal load-carrying capacity in all directions. The primary advantage of face-to-face configuration is that the rails are much more tolerant of mounting surface inaccuracies. This enables automation machine builders to reduce cost further by not having to prepare super-accurate mounting surfaces

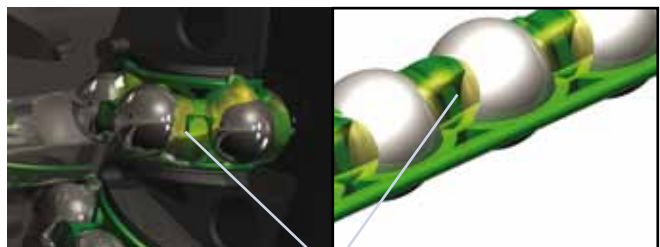
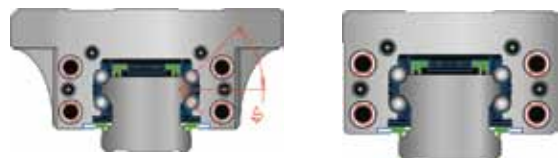
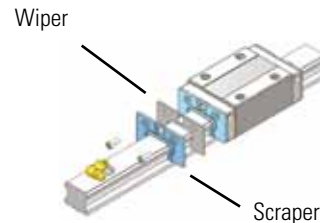
400 Series Ball Cage

The 413 ball cage option provides:

- Increased running smoothness
- Low noise at high speeds
- Individual ball lubricant reservoirs

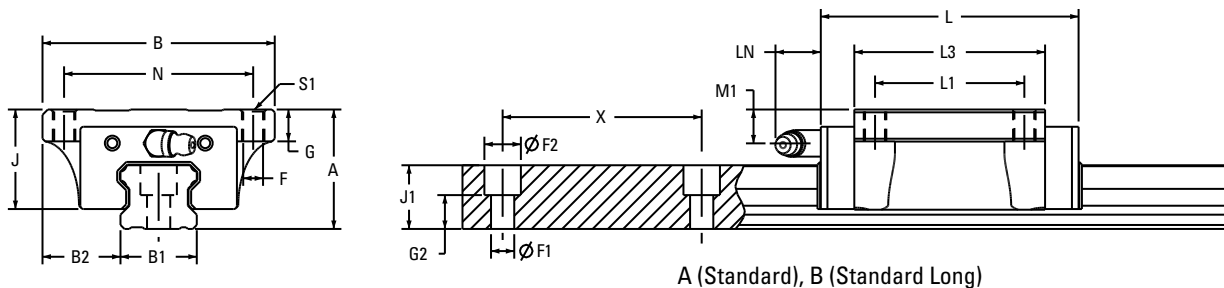
400 Series Ball/Caged Ball Assortment

Width	Standard		Narrow				
	Long		Long		Long	Short	
Length							
Height					High	High	
Designator	A	B	C	D	E	F	G
SIZE MM	15	•	•	•	•		•
	20	•	•	•		•	•
	25	•	•	•	•	•	•
	30	•	•	•	•	•	•
	35	•	•	•	•	•	•
	45	•	•	•		•	•



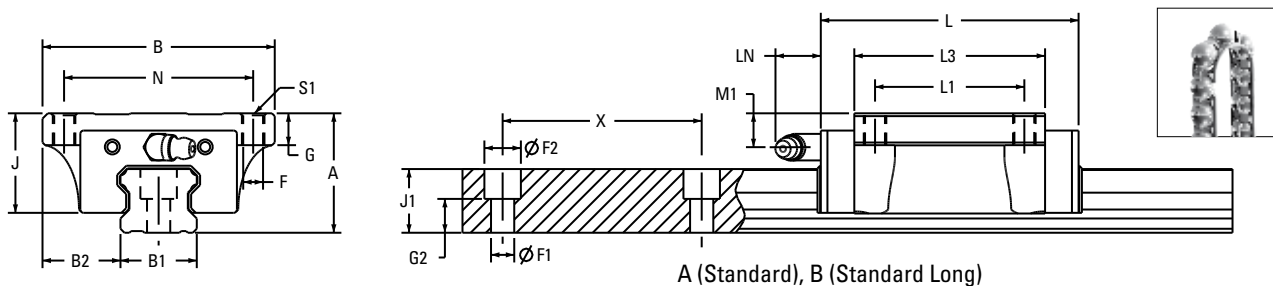
Lubricant

400 Series Specifications



411 Standard

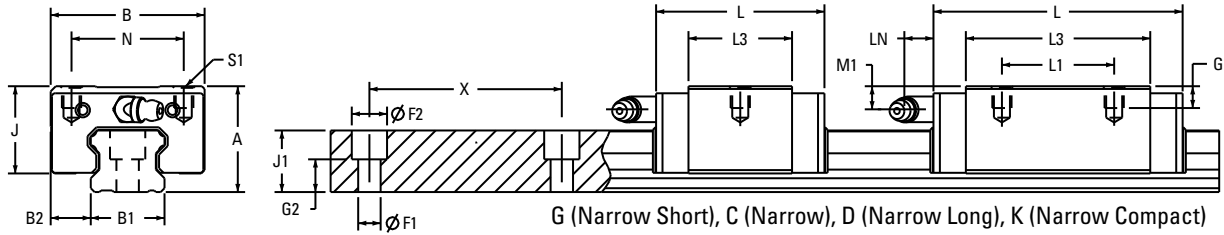
Item	Assembly [mm]				Carriage [mm]										Rail [mm]					Load Rating		Carriage Weight	Rail Weight	
	A	B	B2	J	L	N	L1	S1	F	G	L3	Oil H	M1	LN	B1 +02 -05	J1	X	F1	F2	G2	C [N]	C0 [N]	[kg]	[kg/m]
411N15A0	24	47	16.0	21.0	58.6	38	30	M5	4.4	8.0	40.2	M4 X 0.7	5.5	(5.0)	15	13.0	60	4.5	7.5	7.0	9,300	19,600	0.21	1.28
411N15B0	24	47	16.0	21.0	66.1	38	30	M5	4.4	8.0	47.7	M4 X 0.7	5.5	(5.0)	15	13.0	60	4.5	7.5	7.0	11,300	23,700	0.23	1.28
411N20A0	30	63	21.5	25.5	69.3	53	40	M6	5.4	9.0	48.5	M6 X 1.0	7.1	(15.6)	20	16.3	60	6.0	9.5	7.8	14,300	30,500	0.40	2.15
411N20B0	30	63	21.5	25.5	82.1	53	40	M6	5.4	9.0	61.3	M6 X 1.0	7.1	(15.6)	20	16.3	60	6.0	9.5	7.8	18,600	39,500	0.46	2.15
411N25A0	36	70	23.5	30.2	79.7	57	45	M8	7.0	10.0	57.5	M6 X 1.0	10.2	(15.6)	23	19.2	60	7.0	11.0	10.2	20,100	41,100	0.57	2.88
411N25B0	36	70	23.5	30.2	94.4	57	45	M8	7.0	10.0	72.2	M6 X 1.0	10.2	(15.6)	23	19.2	60	7.0	11.0	10.2	25,900	52,800	0.72	2.88
411N30A0	42	90	31.0	35.0	94.8	72	52	M10	8.6	11.0	67.8	M6 X 1.0	8	(15.6)	28	22.8	80	9.0	14.0	10.8	29,700	54,600	1.10	4.45
411N30B0	42	90	31.0	35.0	105.0	72	52	M10	8.6	11.0	78.0	M6 X 1.0	8	(15.6)	28	22.8	80	9.0	14.0	10.8	38,500	70,700	1.34	4.45
411N35A0	48	100	33.0	40.5	111.5	82	62	M10	8.6	12.0	80.5	M6 X 1.0	8	(16.0)	34	26.0	80	9.0	14.0	14.0	42,400	81,100	1.50	6.25
411N35B0	48	100	33.0	40.5	123.5	82	62	M10	8.6	12.0	92.5	M6 X 1.0	8	(16.0)	34	26.0	80	9.0	14.0	14.0	52,900	101,400	1.90	6.25
411N45A0	60	120	37.5	51.1	129.0	100	80	M12	10.6	15.5	94.0	M8 X 1.25	14.4	(16.0)	45	31.1	105	14.0	20.0	14.1	58,000	108,900	2.27	9.60
411N45B0	60	120	37.5	51.1	145.0	100	80	M12	10.6	15.5	110.0	M8 X 1.25	14.4	(16.0)	45	31.1	105	14.0	20.0	14.1	69,000	129,500	2.68	9.60



413 Standard (Caged)

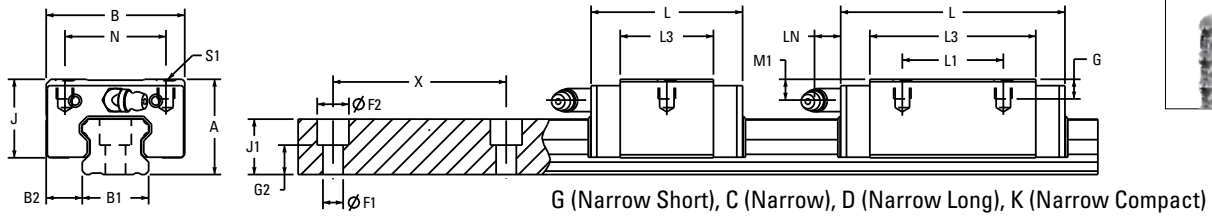
Item	Assembly [mm]				Carriage [mm]										Rail [mm]					Load Rating		Carriage Weight	Rail Weight	
	A	B	B2	J	L	N	L1	S1	F	G	L3	Oil H	M1	LN	B1 +02 -05	J1	X	F1	F2	G2	C [N]	C0 [N]	[kg]	[kg/m]
413N15A0	24	47	16.0	21.0	58.6	38	30	M5	4.4	8.0	40.2	M4 X 0.7	5.5	(5.0)	15	13.0	60	4.5	7.5	7.0	9,300	19,600	0.21	1.28
413N15B0	24	47	16.0	21.0	66.1	38	30	M5	4.4	8.0	47.7	M4 X 0.7	5.5	(5.0)	15	13.0	60	4.5	7.5	7.0	11,300	23,700	0.23	1.28
413N20A0	30	63	21.5	25.5	69.3	53	40	M6	5.4	9.0	48.5	M6 X 1.0	7.1	(15.6)	20	16.3	60	6.0	9.5	7.8	14,300	30,500	0.40	2.15
413N20B0	30	63	21.5	25.5	82.1	53	40	M6	5.4	9.0	61.3	M6 X 1.0	7.1	(15.6)	20	16.3	60	6.0	9.5	7.8	18,600	39,500	0.46	2.15
413N25A0	36	70	23.5	30.2	79.7	57	45	M8	7.0	10.0	57.5	M6 X 1.0	10.2	(15.6)	23	19.2	60	7.0	11.0	10.2	20,100	41,100	0.57	2.88
413N25B0	36	70	23.5	30.2	94.4	57	45	M8	7.0	10.0	72.2	M6 X 1.0	10.2	(15.6)	23	19.2	60	7.0	11.0	10.2	25,900	52,800	0.72	2.88
413N30A0	42	90	31.0	35.0	94.8	72	52	M10	8.6	11.0	67.8	M6 X 1.0	8	(15.6)	28	22.8	80	9.0	14.0	10.8	29,700	54,600	1.10	4.45
413N30B0	42	90	31.0	35.0	105.0	72	52	M10	8.6	11.0	78.0	M6 X 1.0	8	(15.6)	28	22.8	80	9.0	14.0	10.8	38,500	70,700	1.34	4.45
413N35A0	48	100	33.0	40.5	111.5	82	62	M10	8.6	12.0	80.5	M6 X 1.0	8	(16.0)	34	26.0	80	9.0	14.0	14.0	42,400	81,100	1.50	6.25
413N35B0	48	100	33.0	40.5	123.5	82	62	M10	8.6	12.0	92.5	M6 X 1.0	8	(16.0)	34	26.0	80	9.0	14.0	14.0	52,900	101,400	1.90	6.25
413N45A0	60	120	37.5	51.1	129.0	100	80	M12	10.6	15.5	94.0	M8 X 1.25	14.4	(16.0)	45	31.1	105	14.0	20.0	14.1	58,000	108,900	2.27	9.60
413N45B0	60	120	37.5	51.1	145.0	100	80	M12	10.6	15.5	110.0	M8 X 1.25	14.4	(16.0)	45	31.1	105	14.0	20.0	14.1	69,000	129,500	2.68	9.60

400 Series Specifications



411 Narrow

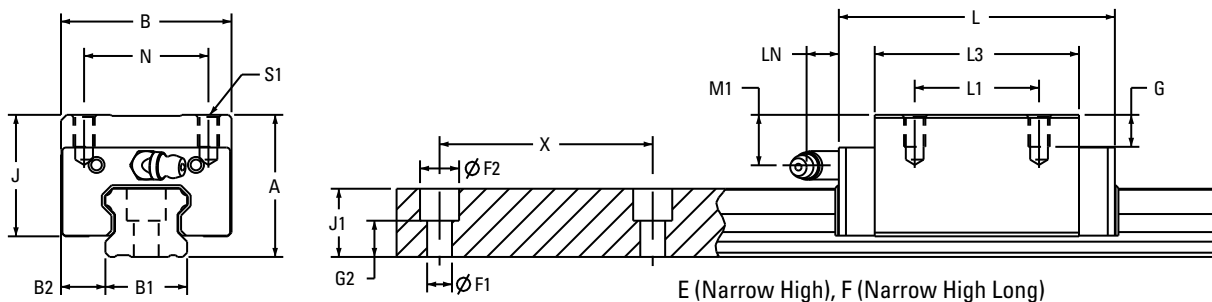
Item	Assembly [mm]				Carriage [mm]									Rail [mm]					Load Rating		Carriage Weight	Rail Weight
	A	B	B2	J	L	N	L1	S1	G	L3	Oil H	M1	LN	B1 +0.02 -0.05	J1	X	F1	F2	G2	C [N]	CO [N]	[kg]
411N15G0	24	34	9.5	21.0	40.6	26	--	M4	4.8	22.2	M4 X 0.7	5.5 (5.0)	15	13.0	60	4.5	7.5	7.0	4,600	9,800	0.10	1.28
411N15C0	24	34	9.5	21.0	58.6	26	26	M4	4.8	40.2	M4 X 0.7	5.5 (5.0)	15	13.0	60	4.5	7.5	7.0	9,300	19,600	0.17	1.28
411N15D0	24	34	9.5	21.0	66.1	26	26	M4	4.8	47.7	M4 X 0.7	5.5 (5.0)	15	13.0	60	4.5	7.5	7.0	11,300	23,700	0.18	1.28
411N20G0	28	42	11.0	23.5	48.3	32	--	M5	5.5	27.5	M6 X 1.0	5.1 (15.6)	20	16.3	60	6.0	9.5	7.8	7,400	15,700	0.17	2.15
411N20C0	30	44	12.0	25.5	69.3	32	36	M5	6.5	48.5	M6 X 1.0	7.1 (15.6)	20	16.3	60	6.0	9.5	7.8	14,300	30,500	0.31	2.15
411N20K0	28	42	11.0	23.5	69.3	32	32	M5	5.5	48.5	M6 X 1.0	5.1 (15.6)	20	16.3	60	6.0	9.5	7.8	14,300	30,500	0.26	2.15
411N25G0	33	48	12.5	27.2	54.5	35	--	M6	6.8	32.3	M6 X 1.0	7.2 (15.6)	23	19.2	60	7.0	11.0	10.2	10,300	21,000	0.21	2.88
411N25C0	36	48	12.5	30.2	79.7	35	35	M6	9.0	57.5	M6 X 1.0	10.2 (15.6)	23	19.2	60	7.0	11.0	9.0	20,100	41,100	0.40	2.88
411N25D0	36	48	12.5	30.2	109.1	35	50	M6	9.0	86.9	M6 X 1.0	10.2 (15.6)	23	19.2	60	7.0	11.0	9.0	29,200	63,300	0.67	2.88
411N25K0	33	48	12.5	27.2	79.7	35	35	M6	6.8	57.5	M6 X 1.0	7.2 (15.6)	23	19.2	60	7.0	11.0	10.2	20,100	41,000	0.38	2.88
411N30G0	42	60	16.0	35.0	64.2	40	--	M8	10.0	37.2	M6 X 1.0	8.0 (15.6)	28	22.8	80	9.0	14.0	10.8	14,700	27,000	0.50	4.45
411N30C0	42	60	16.0	35.0	94.8	40	40	M8	10.0	67.8	M6 X 1.0	8.0 (15.6)	28	22.8	80	9.0	14.0	10.8	29,700	54,600	0.80	4.45
411N30D0	42	60	16.0	35.0	130.5	40	60	M8	10.0	103.5	M6 X 1.0	8.0 (15.6)	28	22.8	80	9.0	14.0	12.0	42,900	86,700	1.16	4.45
411N35G0	48	70	18.0	40.5	75.5	50	--	M8	10.0	44.5	M6 X 1.0	8.0 (15.6)	34	26.0	80	9.0	14.0	14.0	21,200	40,700	0.80	6.25
411N35C0	48	70	18.0	40.5	111.5	50	50	M8	10.0	80.5	M6 X 1.0	8.0 (15.6)	34	26.0	80	9.0	14.0	14.0	42,400	81,100	1.20	6.25
411N35D0	48	70	18.0	40.5	153.5	50	72	M8	10.0	122.5	M6 X 1.0	8.0 (15.6)	34	26.0	80	9.0	14.0	12.0	58,300	125,300	1.84	6.25
411N45C0	60	86	20.5	51.1	129.0	60	60	M10	15.5	94.0	M8 X 1.25	14.4 (16.0)	45	31.1	105	14.0	20.0	14.1	58,000	108,900	1.64	9.60
411N45D0	60	86	20.5	51.1	174.0	60	80	M10	15.5	139.0	M8 X 1.25	14.4 (16.0)	45	31.1	105	14.0	20.0	17.0	79,700	163,300	2.42	9.60



413 Narrow (Caged)

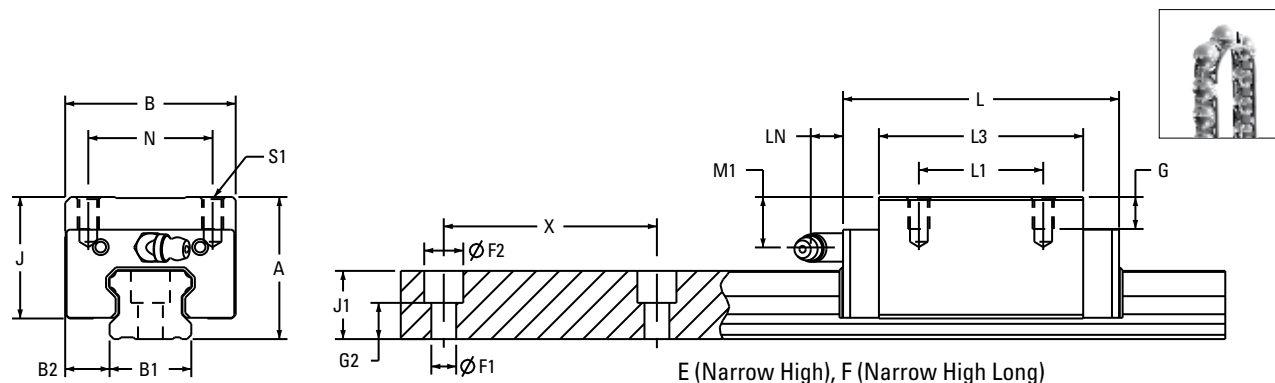
Item	Assembly [mm]				Carriage [mm]									Rail [mm]					Load Rating		Carriage Weight	Rail Weight
	A	B	B2	J	L	N	L1	S1	G	L3	Oil H	M1	LN	B1 +0.02 -0.05	J1	X	F1	F2	G2	C [N]	CO [N]	[kg]
413N15G0	24	34	9.5	21.0	40.6	26	--	M4	4.8	22.2	M4 X 0.7	5.5 (5.0)	15	13.0	60	4.5	7.5	7.0	4,600	9,800	0.10	1.28
413N15C0	24	34	9.5	21.0	58.6	26	26	M4	4.8	40.2	M4 X 0.7	5.5 (5.0)	15	13.0	60	4.5	7.5	7.0	9,300	19,600	0.17	1.28
413N15D0	24	34	9.5	21.0	66.1	26	26	M4	4.8	47.7	M4 X 0.7	5.5 (5.0)	15	13.0	60	4.5	7.5	7.0	11,300	23,700	0.18	1.28
413N20G0	28	42	11.0	23.5	48.3	32	--	M5	5.5	27.5	M6 X 1.0	5.1 (15.6)	20	16.3	60	6.0	9.5	7.8	7,400	15,700	0.17	2.15
413N20C0	30	44	12.0	25.5	69.3	32	36	M5	6.5	48.5	M6 X 1.0	7.1 (15.6)	20	16.3	60	6.0	9.5	7.8	14,300	30,500	0.31	2.15
413N20K0	28	42	11.0	23.5	69.3	32	32	M5	5.5	48.5	M6 X 1.0	5.1 (15.6)	20	16.3	60	6.0	9.5	7.8	14,300	30,500	0.26	2.15
413N25G0	33	48	12.5	27.2	54.5	35	--	M6	6.8	32.3	M6 X 1.0	7.2 (15.6)	23	19.2	60	7.0	11.0	10.2	10,300	21,000	0.21	2.88
413N25C0	36	48	12.5	30.2	79.7	35	35	M6	9.0	57.5	M6 X 1.0	10.2 (15.6)	23	19.2	60	7.0	11.0	9.0	20,100	41,100	0.40	2.88
413N25D0	36	48	12.5	30.2	109.1	35	50	M6	9.0	86.9	M6 X 1.0	10.2 (15.6)	23	19.2	60	7.0	11.0	9.0	29,200	63,300	0.67	2.88
413N25K0	33	48	12.5	27.2	79.7	35	35	M6	6.8	57.5	M6 X 1.0	7.2 (15.6)	23	19.2	60	7.0	11.0	10.2	20,100	41,000	0.38	2.88
413N30G0	42	60	16.0	35.0	64.2	40	--	M8	10.0	37.2	M6 X 1.0	8.0 (15.6)	28	22.8	80	9.0	14.0	10.8	14,700	27,000	0.50	4.45
413N30C0	42	60	16.0	35.0	94.8	40	40	M8	10.0	67.8	M6 X 1.0	8.0 (15.6)	28	22.8	80	9.0	14.0	10.8	29,700	54,600	0.80	4.45
413N30D0	42	60	16.0	35.0	130.5	40	60	M8	10.0	103.5	M6 X 1.0	8.0 (15.6)	28	22.8	80	9.0	14.0	12.0	42,900	86,700	1.16	4.45
413N35G0	48	70	18.0	40.5	75.5	50	--	M8	10.0	44.5	M6 X 1.0	8.0 (15.6)	34	26.0	80	9.0	14.0	14.0	21,200	40,700	0.80	6.25
413N35C0	48	70	18.0	40.5	111.5	50	50	M8	10.0	80.5	M6 X 1.0	8.0 (15.6)	34	26.0	80	9.0	14.0	14.0	42,400	81,100	1.20	6.25
413N35D0	48	70	18.0	40.5	153.5	50	72	M8	10.0	122.5	M6 X 1.0	8.0 (15.6)	34	26.0	80	9.0	14.0	12.0	58,300	125,300	1.84	6.25
413N45C0	60	86	20.5	51.1	129.0	60	60	M10	15.5	94.0	M8 X 1.25	14.4 (16.0)	45	31.1	105	14.0	20.0	14.1	58,000	108,900	1.64	9.60
413N45D0	60	86	20.5	51.1	174.0	60	80	M10	15.5	139.0	M8 X 1.25	14.4 (16.0)	45	31.1	105	14.0	20.0	17.0	79,700	163,300	2.42	9.60

400 Series Specifications



411 Narrow High

Item	Assembly [mm]				Carriage [mm]								Rail [mm]						Load Rating		Carriage Weight	Rail Weight	
	A	B	B2	J	L	N	L1	S1	G	L3	Oil H	M1	LN	B1 +0.02 -0.05	J1	X	F1*	F2*	G2	C [N]	C0 [N]	[kg]	[kg/m]
411N15E0	28	34	9.5	21.0	58.6	26	26	M4	6.0	40.2	M4 X 0.7	9.5	(5.0)	15	13.0	60	4.5	7.5	7.0	9,300	19,600	0.19	1.28
411N20F0	30	44	12.0	25.5	82.1	32	50	M5	6.5	61.3	M6 X 1.0	7.1	(15.6)	20	16.3	60	6.0	9.5	7.8	18,600	39,500	0.36	2.15
411N25E0	40	48	12.5	34.2	79.7	35	35	M6	9.0	57.5	M6 X 1.0	14.2	(15.6)	23	19.2	60	7.0	11.0	10.2	20,100	41,100	0.45	2.88
411N25F0	40	48	12.5	34.2	94.4	35	50	M6	9.0	72.2	M6 X 1.0	14.2	(15.6)	23	19.2	60	7.0	11.0	10.2	25,900	52,800	0.66	2.88
411N30E0	45	60	16.0	38.0	94.8	40	40	M8	12.0	67.8	M6 X 1.0	11.0	(15.6)	28	22.8	80	9.0	14.0	10.8	29,700	54,600	0.91	4.45
411N30F0	45	60	16.0	38.0	105.0	40	60	M8	12.0	78.0	M6 X 1.0	11.0	(15.6)	28	22.8	80	9.0	14.0	10.8	38,500	70,700	1.04	4.45
411N35E0	55	70	18.0	47.5	111.5	50	50	M8	12.0	80.5	M6 X 1.0	15.0	(15.6)	34	26.0	80	9.0	14.0	14.0	42,400	81,100	1.50	6.25
411N35F0	55	70	18.0	47.5	123.5	50	72	M8	12.0	92.5	M6 X 1.0	15.0	(15.6)	34	26.0	80	9.0	14.0	14.0	52,900	101,400	1.80	6.25
411N45E0	70	86	20.5	61.1	129.0	60	60	M10	18.0	94.0	M8 X 1.25	24.4	(16.0)	45	31.1	105	14.0	20.0	14.1	58,000	108,900	2.28	9.60
411N45F0	70	86	20.5	61.1	145.0	60	80	M10	18.0	110.0	M8 X 1.25	24.4	(16.0)	45	31.1	105	14.0	20.0	14.1	69,000	129,500	2.67	9.60



413 Narrow High (Caged)

Item	Assembly [mm]				Carriage [mm]								Rail [mm]						Load Rating		Carriage Weight	Rail Weight	
	A	B	B2	J	L	N	L1	S1	G	L3	Oil H	M1	LN	B1 +0.02 -0.05	J1	X	F1*	F2*	G2	C [N]	C0 [N]	[kg]	[kg/m]
413N15E0	28	34	9.5	21.0	58.6	26	26	M4	6.0	40.2	M4 X 0.7	9.5	(5.0)	15	13.0	60	4.5	7.5	7.0	9,300	19,600	0.19	1.28
413N20F0	30	44	12.0	25.5	82.1	32	36	M5	6.5	61.3	M6 X 1.0	7.1	(15.6)	20	16.3	60	6.0	9.5	7.8	18,600	39,500	0.36	2.15
413N25E0	40	48	12.5	34.2	79.7	35	35	M6	9.0	57.5	M6 X 1.0	14.2	(15.6)	23	19.2	60	7.0	11.0	10.2	20,100	41,000	0.45	2.88
413N25F0	40	48	12.5	34.2	94.4	35	35	M6	9.0	72.2	M6 X 1.0	14.2	(15.6)	23	19.2	60	7.0	11.0	10.2	25,900	52,800	0.66	2.88
413N30E0	45	60	16.0	38.0	94.8	40	40	M8	12.0	67.8	M6 X 1.0	11.0	(15.6)	28	22.8	80	9.0	14.0	10.8	29,700	54,600	0.91	4.45
413N30F0	45	60	16.0	38.0	105.0	40	40	M8	12.0	78.0	M6 X 1.0	11.0	(15.6)	28	22.8	80	9.0	14.0	10.8	38,500	70,700	1.04	4.45
413N35E0	55	70	18.0	47.5	111.5	50	50	M8	12.0	80.5	M6 X 1.0	15.0	(15.6)	34	26.0	80	9.0	14.0	14.0	42,400	81,100	1.50	6.25
413N35F0	55	70	18.0	47.5	123.5	50	50	M8	12.0	92.5	M6 X 1.0	15.0	(15.6)	34	26.0	80	9.0	14.0	14.0	52,900	101,400	1.80	6.25
413N45E0	70	86	20.5	61.1	129.0	60	60	M10	18.0	94.0	M8 X 1.25	24.4	(16.0)	45	31.1	105	14.0	20.0	14.1	58,000	108,900	2.28	9.60
413N45F0	70	86	20.5	61.1	145.0	60	60	M10	18.0	110.0	M8 X 1.25	24.4	(16.0)	45	31.1	105	14.0	20.0	14.1	69,000	129,500	2.67	9.60

*Note: Mounting hole dimensions of 411 and 413 F Style carriages are different.

Accuracy Class

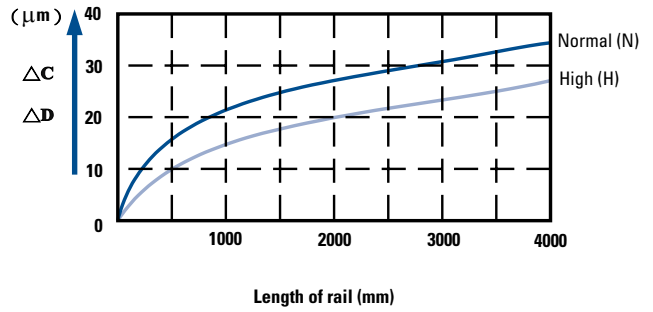
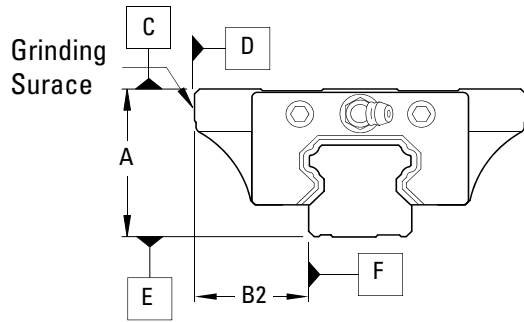
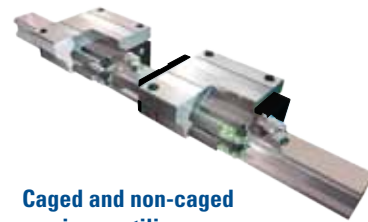


Fig. 1-1 400 Series rail length and running parallelism

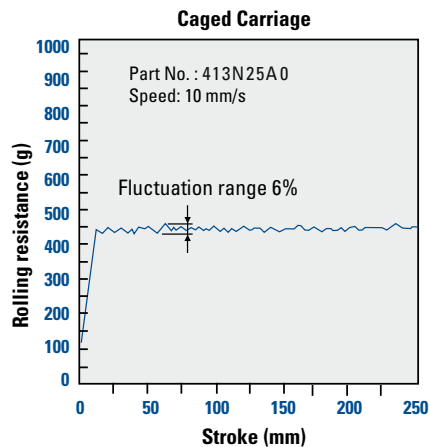
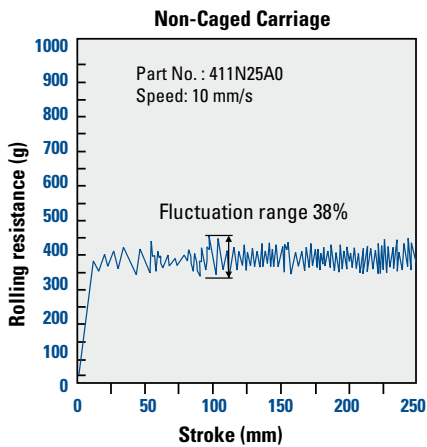
Grade	Normal (N)	High (H)
Item		
Height Tolerance (A)	± 0.1	± 0.04
Width Tolerance (B2)	± 0.1	± 0.04
Pair variation max (ΔA)	0.03	0.02
Pair variation max (ΔB2)	0.03	0.02
Running parallelism of carriage surface C with respect to surface E.	Δ C refer to Fig. 1-1	
Running parallelism of carriage surface D with respect to surface F.	Δ D refer to Fig. 1-1	

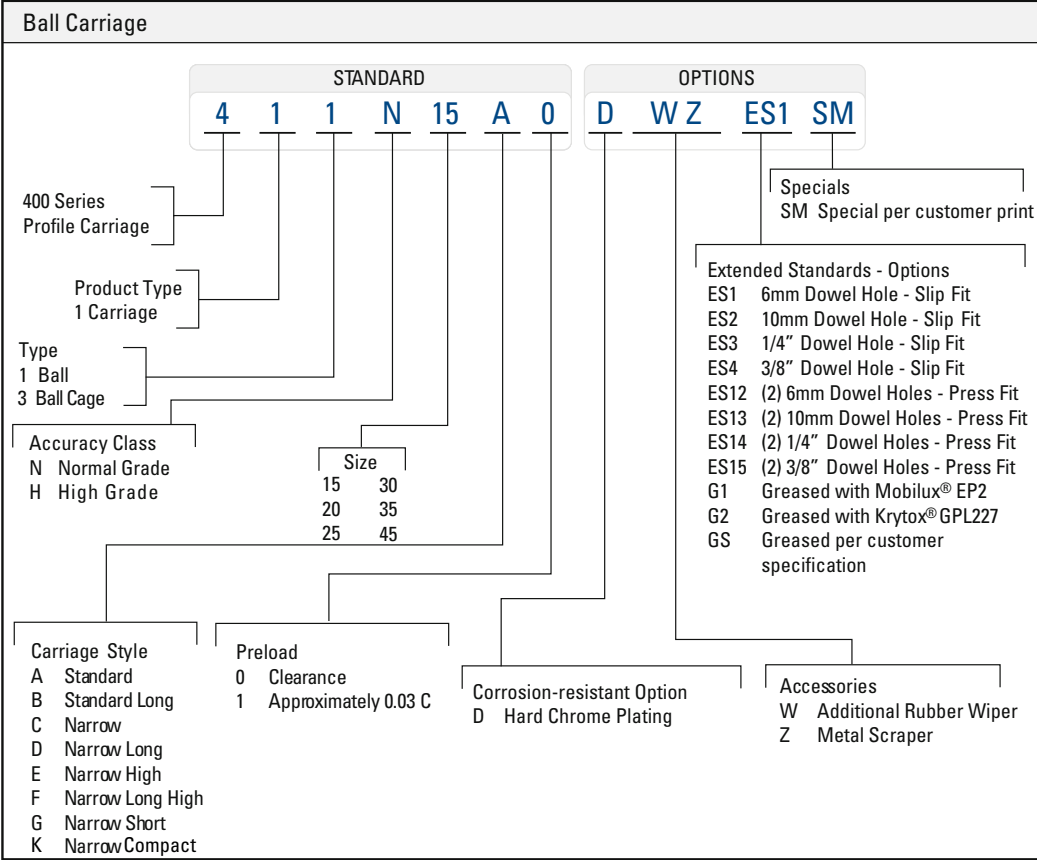
All items in mm.



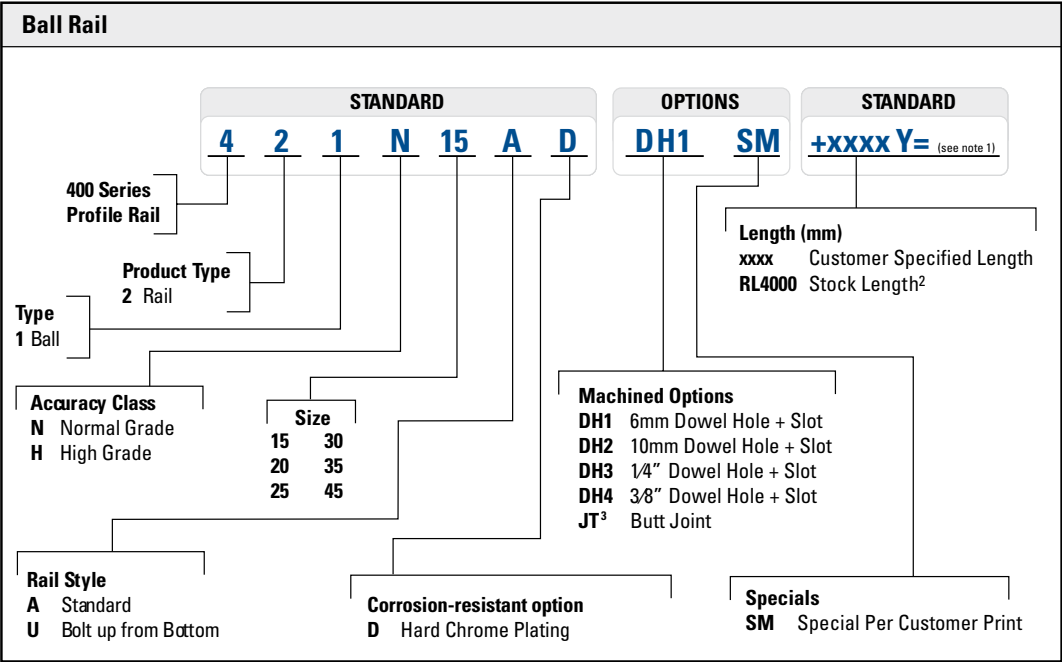
Caged and non-caged carriages utilize same rail design

413 Caged Ball Carriage Increased Running Smoothness





1. Carriage does not retain ball bearings when end cap is removed. Removal of end caps can result in loss of ball bearings.
 2. Carriage dynamic load ratings based on a travel life of 50 km.



1. Y = Distance from end of rail to center of first mounting hole, Y1 = Y2 unless specified.
 2. Stock length of rails are considered random length, total length may exceed specified length, and Y1/Y2 are not equal. To be used only by customer who will cut to length.
 3. Customer drawing required at time of quote and order.

USA, CANADA and MEXICO

Thomson
203A West Rock Road
Radford, VA 24141, USA
Phone: 1-540-633-3549
Fax: 1-540-633-0294
E-mail: thomson@thomsonlinear.com
Literature: literature.thomsonlinear.com

EUROPE

United Kingdom

Thomson
Phone: +44 (0) 1271 334 500
Fax: +44 (0) 1271 334 501
E-mail: sales.uk@thomsonlinear.com

Germany

Thomson
Nürtinger Straße 70
72649 Wolfschlügen
Phone: +49 (0) 7022 504 0
Fax: +49 (0) 7022 504 405
E-mail: sales.germany@thomsonlinear.com

France

Thomson
Phone: +33 (0) 243 50 03 30
Fax: +33 (0) 243 50 03 39
E-mail: sales.france@thomsonlinear.com

Italy

Thomson
Largo Brughetti
20030 Bovisio Masciago
Phone: +39 0362 594260
Fax: +39 0362 594263
E-mail: info@thomsonlinear.it

Spain

Thomson
Rbla Badal, 29-31 7th, 1st
08014 Barcelona
Phone: +34 (0) 9329 80278
Fax: + 34 (0) 9329 80278
E-mail: sales.esm@thomsonlinear.com

Sweden

Thomson
Estridsväg 10
29109 Kristianstad
Phone: +46 (0) 44 24 67 00
Fax: +46 (0) 44 24 40 85
E-mail: sales.scandinavia@thomsonlinear.com

ASIA

Asia Pacific

Thomson
Unit A, 16 Floor, 169 Electric Road
Manulife Tower, North Point, Hong Kong
Phone: +852 2503 6581
Fax: +852 2571 8585
E-mail: sales.hk@thomsonlinear.com

China

Thomson
Rm 2205, Scitech Tower
22 Jianguomen Wai Street
Beijing 100004
Phone: +86 400 6661 802
Fax: +86 10 6515 0263
E-mail: sales.china@thomsonlinear.com

India

Thomson
Unit No 2, SDF 1 Seepz Andheri
Mumbai 400 096
Phone: +91 22 2829 4058
Fax: +91 22 2839 4036
E-mail: sales.india@thomsonlinear.com

Japan

Thomson
Minami-Kaneden 2-12-23, Suita
Osaka 564-0044 Japan
Tel: +81-6-6386-8001
Fax: +81-6-6386-5022
E-mail: csinfo_dicgj@danaher.co.jp

Korea

Thomson
#407, Kins Tower, Bundang Intellige 1, 25-1
Jeongja-dong, Bundang-gu, Seongnam-city,
Gyeonggi-do, Korea
Phone: +82 31 784 8972
Fax: +82 31 784 8980
E-mail: sales.kor@thomsonlinear.com

200910-02 TPS 11/2011 USA
Specifications are subject to change without notice. It is the responsibility of the product user to determine
the suitability of this product for a specific application. All trademarks property of their respective owners.
© 2011 Thomson Industries, Inc.