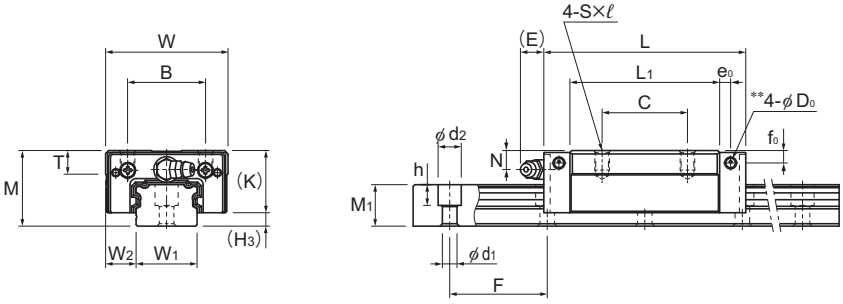
Models NR-RX, NR-LRX, NR-R, and NR-LR



Model NR-RX

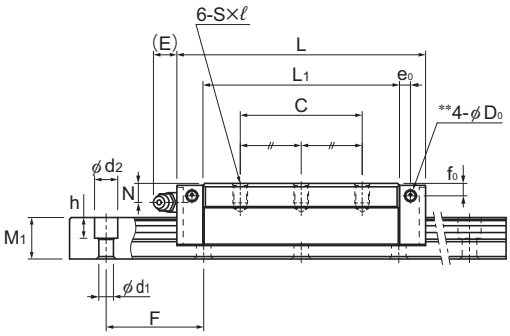
Model No.	Outer dimensions			LM block dimensions												H3
	Height M	Width W	Length L	B	C	S×ℓ	L1	T	K	N	f0	E	e0	D0	Grease nipple	
NR 25RX NR 25LRX	31	50	82.8 102	32	35 50	M6×8	61.4 80.6	9.7	25.5	7.8	5.1	12	4.5	3.9	B-M6F	5.5
NR 30RX NR 30LRX	38	60	98 120.5	40	40 60	M8×10	72.1 94.6	9.7	31	10.3	7	12	6.5	3.9	B-M6F	7
NR 35RX NR 35LRX	44	70	109.5 135	50	50 72	M8×12	79 104.5	11.7	35	12.1	8	12	6	5.2	B-M6F	9
NR 45RX NR 45LRX	52	86	138.2 171	60	60 80	M10×17	105 137.8	14.7	40.4	13.9	8	16	8.5	5.2	B-PT1/8	11.6
NR 55RX NR 55LRX	63	100	163.3 200.5	65	75 95	M12×18	123.6 160.8	17.7	49	16.6	10	16	10	5.2	B-PT1/8	14
NR 65RX NR 65LRX	75	126	186 246	76	70 110	M16×20	143.6 203.6	21.6	60	19	15	16	8.7	8.2	B-PT1/8	15
NR 75R NR 75LR	83	145	218 274	95	80 130	M18×25	170.2 226.2	25.3	68	18	17	16	9	8.2	B-PT1/8	15
NR 85R NR 85LR	90	156	246.7 302.8	100	80 140	M18×25	194.9 251	27.3	73	20	20	16	10	8.2	B-PT1/8	17
NR 100R NR 100LR	105	200	286.2 326.2	130	150 200	M18×27	223.4 263.4	34.3	85	23	23	10	12	8.2	B-PT1/4	20

Model number coding

NR35 LRX 2 QZ KKHH C0 +1240L P T -II

- NR35: Model number
- LRX: Type of LM block
- 2: No. of LM blocks used on the same rail
- QZ: With QZ Lubricator
- KKHH: Contamination protection accessory symbol
- C0: Radial clearance symbol
  Normal (No symbol)
  Light preload (C1)
  Medium preload (C0)
- +1240L: LM rail length (in mm)
- P: Accuracy symbol
  Normal grade (No Symbol)/High accuracy grade (H)
  Precision grade (P)/Super precision grade (SP)
  Ultra precision grade (UP)
- T: Symbol for LM rail jointed use
- -II: Symbol for No. of rails used on the same plane

Note) This model number indicates that a single-rail unit constitutes one set. (i.e., required number of sets when 2 rails are used in parallel is 2 at a minimum.)
Grease nipples are not installed when there is a QZ Lubricator. Contact THK if you want to use a grease nipple for a model with a QZ.
See **A1-545** for contamination protection accessories, see **A1-73** for radial clearance symbol. See **A1-79** for accuracy symbol. See **A1-13** for symbol for number of rails used on the same plane.



Model NR-LRX

Unit: mm

	LM rail dimensions						Basic load rating		Static permissible moment kN·m*						Mass	
	Width		Height	Pitch		Length*	C	C0	MA		MB		MC		LM block	LM rail
	W1 0 -0.05	W2	M1	F	d1×d2×h	Max	kN	kN	1 block	Double blocks	1 block	Double blocks	1 block		kg	kg/m
	25	12.5	17	40	6×9.5×8.5	3000	37.1 45.4	68.1 90.8	0.57 0.989	3.04 4.91	0.346 0.597	1.84 2.95	0.703 0.937		0.4 0.5	2.9
	28	16	21	80	7×11×9	3000	54.7 66.9	98.1 130.8	0.986 1.71	5.17 8.34	0.599 1.03	3.13 5.02	1.15 1.53		0.7 0.9	4.2
	34	18	24.5	80	9×14×12	3000	72.4 89.6	124.6 169.1	1.37 2.46	7.38 12.1	0.835 1.49	4.48 7.3	1.74 2.36		1 1.3	6
	45	20.5	29	105	14×20×17	3090	110.2 132	197.6 255.8	2.81 4.87	14.7 23	1.72 2.94	8.95 13.8	3.72 4.81		1.8 2.3	9.5
	53	23.5	36.5	120	16×23×20	3060	141.9 175.1	250.2 338.4	4.22 7.27	21.8 35.9	2.56 4.4	13.2 21.7	5.37 7.27		3.3 4.3	14
	63	31.5	43	150	18×26×22	3000	208.7 268.9	351.7 505.5	6.87 13.8	35 65.4	4.16 8.31	21.2 39.3	8.94 12.9		6 8.5	19.6
	75	35	44	150	22×32×26	3000	271 355	610 800	14.4 25.4	73.3 118	8.91 15.4	44.7 71.4	19.3 25.2		8.7 11.6	24.6
	85	35.5	48	180	24×35×28	3000	336 435	751 972	20.3 34.7	102 160	12.4 21	62.6 96.2	26.8 34.6		12.3 15.8	30.5
	100	50	57	210	26×39×32	3000	479 599	1040 1300	34 47.3	167 238	20.7 29.2	101 146	43.4 54.6		21.8 26.1	42.6

Note1) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See A**1-240**.)
Static permissible moment* 1 block: the static permissible moment with one LM block
Double blocks: static permissible moment when two LM blocks are in close contact with each other
For oil lubrication, be certain to let THK know the mounting orientation and where the LM block piping joint should be attached.
(Mounting orientation: see A**1-12**, Lubricant: see A**24-2**)
Total block length L : The total block length L shown in the table is the length with the dust proof parts, code UU or SS. If other contamination protection accessories or lubricant equipment are installed, the total block length will increase.
(See A**1-519** or A**1-541**)

** These are the side nipple pilot holes for when a grease nipple is desired for a product with LaCS or a QZ Lubricator. Pilot holes for side nipples are not drilled through for models other than those stated above. For grease nipple mount machining, contact THK.

Note2) The basic load rating in the dimension table is for a load in the radial direction. Use Table 7 on A**1-61** to calculate the load rating for loads in the reverse radial direction or lateral direction.

Options⇒A1-505