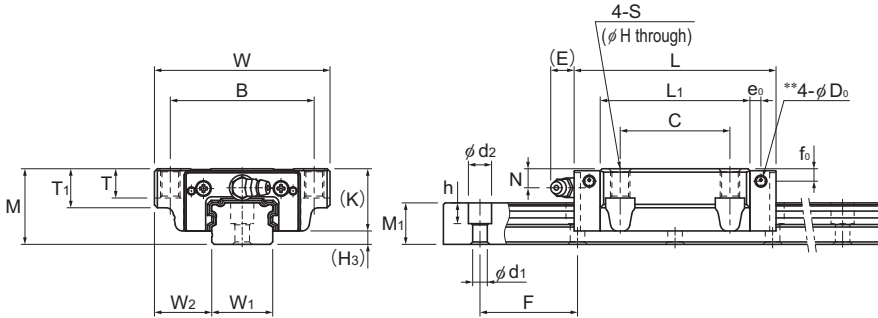


Models NR-CX and NR-LCX



Model NR-CX

Model No.	Outer dimensions			LM block dimensions														Grease nipple	H ₃
	Height	Width	Length	B	C	S	H	L ₁	T	T ₁	K	N	f ₀	E	e ₀	D ₀			
	M	W	L	B	C	S	H	L ₁	T	T ₁	K	N	f ₀	E	e ₀	D ₀			
NR 25CX NR 25LCX	31	72	82.8 102	59	45	M8	6.8	61.4 80.6	14.8	16	25.5	7.8	5.1	12	4.5	3.9	B-M6F	5.5	
NR 30CX NR 30LCX	38	90	98 120.5	72	52	M10	8.5	72.1 94.6	16.9	18.1	31	10.3	7	12	6.5	3.9	B-M6F	7	
NR 35CX NR 35LCX	44	100	109.5 135	82	62	M10	8.5	79 104.5	18.9	20.1	35	12.1	8	12	6	5.2	B-M6F	9	
NR 45CX NR 45LCX	52	120	138.2 171	100	80	M12	10.5	105 137.8	20.6	22.1	40.4	13.9	8	16	8.5	5.2	B-PT1/8	11.6	
NR 55CX NR 55LCX	63	140	163.3 200.5	116	95	M14	12.5	123.6 160.8	22.5	24	49	16.6	10	16	10	5.2	B-PT1/8	14	
NR 65CX NR 65LCX	75	170	186 246	142	110	M16	14.5	143.6 203.6	26	28	60	19	15	16	8.7	8.2	B-PT1/8	15	

Model number coding

NR35 CX 2 QZ KKH C0 +1400L P T - II

Model number

Type of LM block

With QZ Lubricator

Contamination protection accessory symbol (*1)

LM rail length (in mm)

Symbol for LM rail jointed use

Symbol for No. of rails used on the same plane (*4)

No. of LM blocks used on the same rail

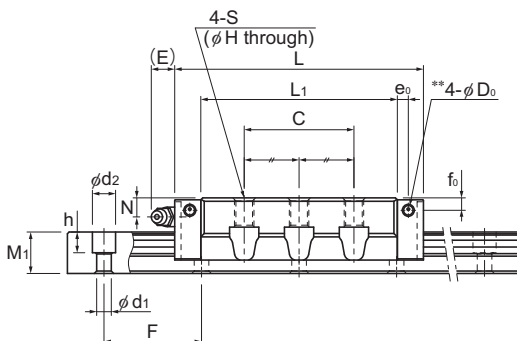
Radial clearance symbol (*2)
Normal (No symbol)
Light preload (C1)
Medium preload (C0)

Accuracy symbol (*3)
Normal grade (No Symbol)/High accuracy grade (H)
Precision grade (P)/Super precision grade (SP)
Ultra precision grade (UP)

(*1) See contamination protection accessory on **A1-532** (*2) See **A1-72**. (*3) See **A1-78**. (*4) See **A1-13**.

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.)

Those models equipped with QZ Lubricator cannot have a grease nipple. When desiring a grease nipple for a model attached with QZ, contact THK.



Model NR-LCX

Unit: mm

LM rail dimensions						Basic load rating		Static permissible moment kN•m*					Mass	
Width W ₁ 0-0.05	Height W ₂	Pitch M ₁	Pitch F	Length* d ₁ × d ₂ × h	Length* Max	C kN	C ₀ kN	M _A		M _B		M _C	LM block	LM rail
								1 block	Double blocks	1 block	Double blocks	1 block	kg	kg/m
25	23.5	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	0.6 0.8	2.9
28	31	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	1.1 1.5	4.2
34	33	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	1.6 2	6
45	37.5	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	2.7 3.6	9.5
53	43.5	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	4.5 5.9	14
63	53.5	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	7.8 11	19.6

Note1) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See [A1-242](#).)

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 [A1-12](#), Lubricant: see [A24-2](#))

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 [A1-507](#) or [A1-528](#))

** A pilot hole for side nipples, when a grease nipple for a model equipped with LaCS or QZ Lubricator is needed.

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 Table7 on [A1-60](#) to calculate the load rating for loads in the reverse radial direction or lateral direction.