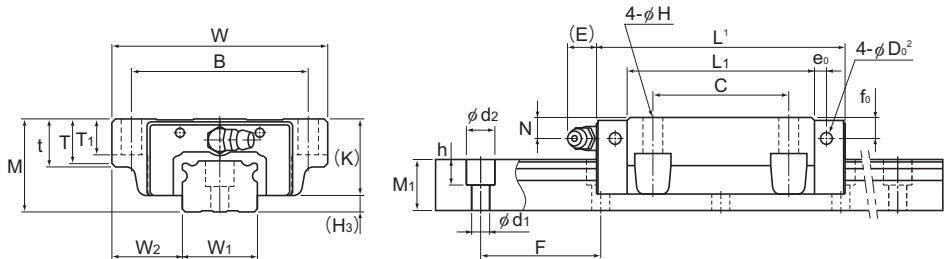


Models NR-B, NR-LB, NRS-B, and NRS-LB



Models NR-B and NRS-B

Model No.	Outer dimensions			LM block dimensions													Pilot hole for side nipple			
	Height	Width	Length ¹																	
	M	W	L	B	C	H	L ₁	t	T	T ₁	K	N	E	Grease nipple	e ₀	f ₀	D ₀ ²	H ₃		
NR 75B NR 75LB	83	195	218 274	165	130	18	170.2 226.2	30	28	26	68	18	16	B-PT1/8	9	17	8.2	15		
NR 85B NR 85LB	90	215	246.7 302.8	185	140	18	194.9 251	34	32	28	73	20	16	B-PT1/8	10	20	8.2	17		
NR 100B NR 100LB	105	260	286.2 326.2	220	150 200	20	223.4 263.4	38	35	32	85	23	10	B-PT1/4	12	23	8.2	20		
NRS 75B NRS 75LB	83	195	218 274	165	130	18	170.2 226.2	30	28	26	68	18	16	B-PT1/8	9	17	8.2	15		
NRS 85B NRS 85LB	90	215	246.7 302.8	185	140	18	194.9 251	34	32	28	73	20	16	B-PT1/8	10	20	8.2	17		
NRS 100B NRS 100LB	105	260	286.2 326.2	220	150 200	20	223.4 263.4	38	35	32	85	23	10	B-PT1/4	12	23	8.2	20		

Model number coding

NR75 B 2 QZ DDHH C0 +1580L P Z T -II

Model
number

Type of
LM block

With QZ
Lubricator

Contamination
protection
accessory
symbol

LM rail length
(in mm)

Symbol for
LM rail
jointed use

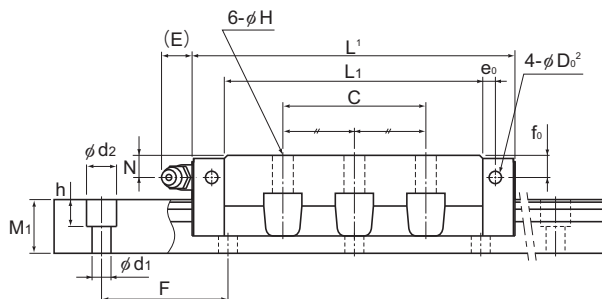
With plate cover or
steel tape

Symbol for
No. of rails used
on the same
plane

No. of LM blocks
used on the same rail

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

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



Models NR-LB and NRS-LB

Unit: mm

	LM rail dimensions						Basic load rating ¹		Static permissible moment $\text{kN}\cdot\text{m}^5$					Mass	
	Width	Height	Pitch		Length ³	C	C ₀		M _A		M _B		M _C	LM block	LM rail
	W_1 0 -0.05		F												
		W_2	M_1	F	$d_1 \times d_2 \times h$	Max	kN	kN	1 block	2 blocks	1 block	2 blocks	1 block	kg	kg/m
	75	60	44	150	$22 \times 32 \times 26$	3000	271 355	610 800	14.4 25.4	73.3 118	8.91 15.4	44.7 71.4	19.3 25.2	11.3 15	24.6
	85	65	48	180	$24 \times 35 \times 28$	3000	336 435	751 972	20.3 34.7	102 160	12.4 21	62.6 96.2	26.8 34.6	16.2 20.7	30.5
	100	80	57	210	$26 \times 39 \times 32$	3000	479 599	1040 1300	34 47.3	167 238	20.7 29.2	101 146	43.4 54.6	26.7 31.2	42.6
	75	60	44	150	$22 \times 32 \times 26$	3000	212 278	431 566	10.6 18.6	53.8 87	10.6 18.6	53.8 87	13.4 17.6	11.3 15	24.6
	85	65	48	180	$24 \times 35 \times 28$	3000	264 342	531 687	14.9 25.4	75.3 117	14.9 25.4	75.3 117	18.7 24.2	16.2 20.7	30.5
	100	80	57	210	$26 \times 39 \times 32$	3000	376 470	737 920	25.1 34.6	123 174	25.1 34.6	123 174	30.4 38.1	26.7 31.2	42.6