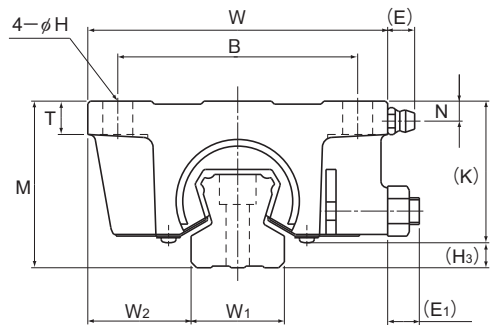


Model NSR-TBC



Model No.	Outer dimensions			LM casing dimensions									H ₃
	Height	Width	Length									Grease nipple	
	M	W	L	B	C	H	T	K	N	E	E ₁		
NSR 20TBC	40	70	67	55	50	6.6	8	34.5	5.5	8.5	7	A-M6F	5.5
NSR 25TBC	50	90	78	72	60	9	10	43.5	6	8.5	7.5	A-M6F	6.5
NSR 30TBC	60	100	90	82	72	9	12	51	8	8.5	9.5	A-M6F	9
NSR 40TBC	75	120	110	100	80	11	13	64	10	8.5	12	A-M6F	10.5
NSR 50TBC	82	140	123	116	95	14	15	74	9	15	15	A-PT1/8	8
NSR 70TBC	105	175	150	150	110	14	18	95.5	10	15	16.5	A-PT1/8	9.5

Model number coding

NSR50TBC 2 UU C1 +1260L P T -II

Model number

No. of LM cases
used on the same
rail

Contamination
protection
accessory
symbol

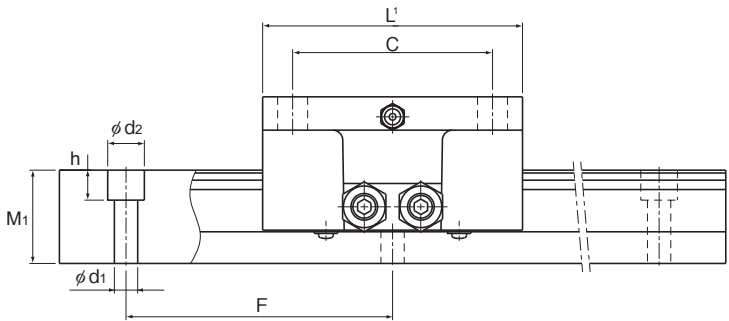
Radial clearance symbol
Normal (No symbol)
Light preload (C1)
Medium preload (C0)

LM rail length
(in mm)

Symbol for
LM rail
jointed use

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

Symbol for
No. of rails used
on the same plane



Unit: mm

	LM rail dimensions						Basic load rating ³		Static permissible moment ⁴ kN·m		Mass	
	Width		Height	Pitch		Length ²	C	C ₀	M _A	M _B	LM casing	LM rail
	W ₁ ±0.05	W ₂	M ₁	F	d ₁ ×d ₂ ×h	Max	kN	kN	2 casings	2 casings	kg	kg/m
	23	23.5	23	60	6×9.5×8.5	2200	9.41	18.6	0.31	0.27	0.62	3.1
	28	31	28	80	7×11×9	3000	14.9	26.7	0.53	0.46	1.13	4.7
	34	33	34.5	80	7×11×9	3000	22.5	38.3	0.85	0.74	1.8	7.2
	45	37.5	44.5	105	9×14×12	3000	37.1	62.2	1.7	1.5	3.5	12.2
	48	46	47.5	120	11×17.5×14	3000	55.1	87.4	2.7	2.4	5.2	14.3
	63	56	62	150	14×20×17	3000	90.8	152	9.8	4.9	9.4	27.6