

11. Dimensions

NH-AN (High-load type/standard, square type)

NH-BN (Super-high-load type/long, square type)

(1) Reference number for assembly

NH 30 1200 ANC 2 -** P5 3													
Series name				Preload code (refer to Table 9 on page 5) 0 : Z0, 1 : Z1, 3 : Z3, T : ZT, Z : ZZ, H : ZH									
Size				Accuracy code (refer to Table 9 on page 5)									
Rail length (mm)				Design serial number Added to the reference number									
Ball slide shape code (refer to Fig. 2 on page 3)				Number of ball slides per rail									
Material/surface treatment code (refer to Table 16 on page 7) C: Special high carbon steel (NSK standard); K: Stainless steel													

(2) Reference number for random-matching type

NAH 30 ANSZ -K													
Ball slide				Option code									
Random-matching ball slide series code NAH: NH Series random-matching ball slide				-K: Equipped with NSK K1 -F: Fluoride low temperature chrome plating + AS2 grease -F50: Fluoride low temperature chrome plating + LG2 grease									
Size				Preload code No code: Fine clearance, Z: Slight preload, H: Medium preload									
Ball slide shape code (refer to Fig. 2 on page 3)				Material code No code: Special high carbon steel (NSK standard), S: Stainless steel									

N1H 30 1200 LCN -** PC Z													
Rail				Preload code									
Random-matching rail series code N1H: NH Series random-matching rail				T: Fine clearance, Z: Slight preload (common rail for slight or medium preload) (refer to Table 9 on page 5)									
Size				Accuracy code PH: High precision grade random-matching type PC: Normal grade random-matching type									
Rail length (mm)				Design serial number Added to the reference number									
Rail shape code: L L: Standard				Butting rail specification* N: Non-butting; L: Butting specification *Please consult with NSK for butting rail specification.									
Material/surface treatment code (refer to Table 16 on page 7)													

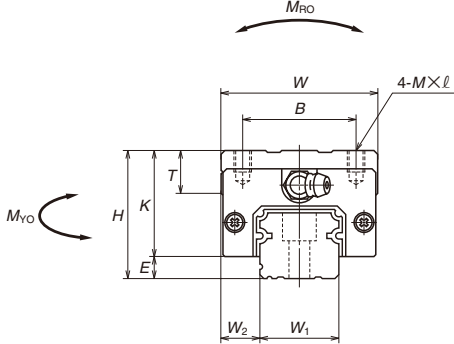
Click!Speedy™ NSK Linear Guide Quick Delivery System uses a new numbering system.
For details, please refer to the Click!Speedy general catalog CAT. No. E3191.

Model No.	Assembly			Ball slide										Width		Height	
	Height	E	W ₂	Width	Length	Mounting hole			L ₁	K	T	Grease fitting			W ₁		
						B	J	M×Pitch×ℓ				Hole size	T ₁	N			
NH15AN NH15BN	28	4.6	9.5	34	55 74	26	26	M4×0.7×6	39 58	23.4	8	φ3	8.5	3.3	15	15	
NH20AN NH20BN	30	5	12	44	69.8 91.8	32	36 50	M5×0.8×6	50 72	25	12	M6×0.75	5	11	20	18	
NH25AN NH25BN	40	7	12.5	48	79 107	35	35 50	M6×1×9	58 86	33	12	M6×0.75	10	11	23	22	
NH30AN NH30BN	45	9	16	60	85.6 124.6	40	40 60	M8×1.25×10	59 98	36	14	M6×0.75	10	11	28	26	
NH35AN NH35BN	55	9.5	18	70	109 143	50	50 72	M8×1.25×12	80 114	45.5	15	M6×0.75	15	11	34	29	
NH45AN NH45BN	70	14	20.5	86	139 171	60	60 80	M10×1.5×17	105 137	56	17	Rc1/8	20	13	45	38	
NH55AN NH55BN	80	15	23.5	100	163 201	75	75 95	M12×1.75×18	126 164	65	18	Rc1/8	21	13	53	44	
NH65AN NH65BN	90	16	31.5	126	193 253	76	70 120	M16×2×20	147 207	74	23	Rc1/8	19	13	63	53	

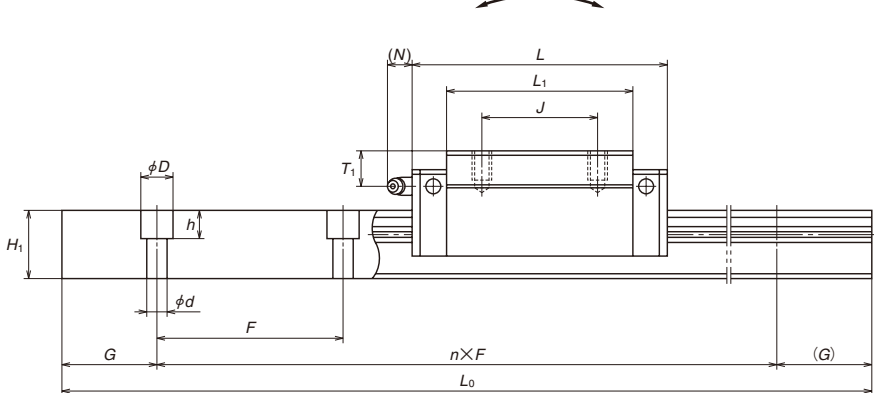
Notes: 1) External appearance of stainless steel ball slides differs from those of carbon steel ball slides.

Assembly (Preloaded assembly, random-matching type)

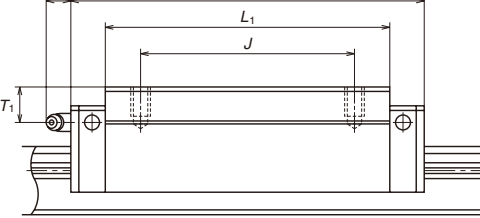
Front view of AN and BN types



Side view of AN type

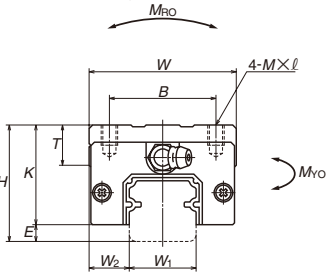


Side view of BN type

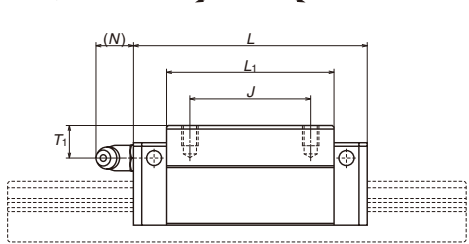


Ball slide of random-matching type

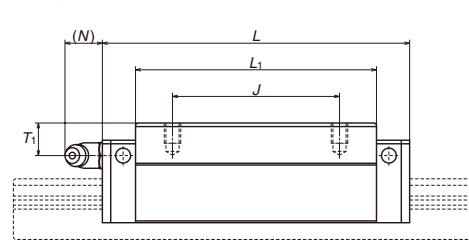
AN and BN types



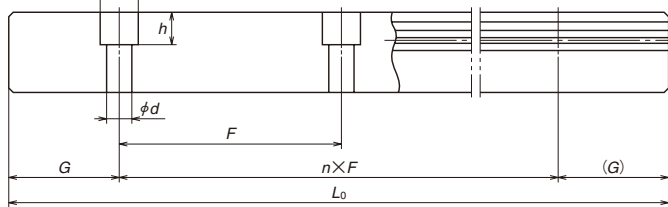
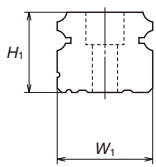
AN type



BN type



Rail of random-matching type



Unit: mm

Rail				Basic load rating								Weight	
Pitch F													