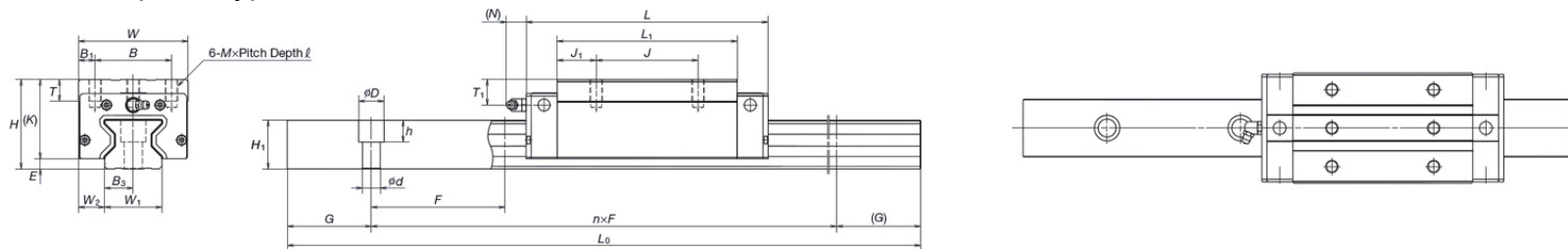


# NSK-RA35 - Linear Guides

Rail Part Number	Rail Dimensions (mm)							Weight (lbs)
	W <sub>1</sub>	H <sub>1</sub>	G	F	d x D x h	B <sub>3</sub>	Rail Length (mm)	
NSK-R1A35L-100-10-10	34	31	20	40	9x14x12	17	100	1.5
NSK-R1A35L-300-10-10	34	31	20	40	9x14x12	17	300	4.5
NSK-R1A35L-500-10-10	34	31	20	40	9x14x12	17	500	7.5
NSK-R1A35L-700-10-10	34	31	20	40	9x14x12	17	700	10.5
NSK-R1A35L-900-10-10	34	31	20	40	9x14x12	17	900	13.5
NSK-R1A35L-1100-10-10	34	31	20	40	9x14x12	17	1100	16.5
NSK-R1A35L-1300-10-10	34	31	20	40	9x14x12	17	1300	19.5
NSK-R1A35L-1500-10-10	34	31	20	40	9x14x12	17	1500	22.5
NSK-R1A35L-1700-10-10	34	31	20	40	9x14x12	17	1700	25.5
NSK-R1A35L-1900-10-10	34	31	20	40	9x14x12	17	1900	28.5
NSK-R1A35L-2100-10-10	34	31	20	40	9x14x12	17	2100	31.5
NSK-R1A35L-2300-10-10	34	31	20	40	9x14x12	17	2300	34.5
NSK-R1A35L-2500-10-10	34	31	20	40	9x14x12	17	2500	37.5
NSK-R1A35L-2700-10-10	34	31	20	40	9x14x12	17	2700	40.5
NSK-R1A35L-2900-10-10	34	31	20	40	9x14x12	17	2900	43.5
NSK-R1A35L-3100-10-10	34	31	20	40	9x14x12	17	3100	46.5
NSK-R1A35L-3300-10-10	34	31	20	40	9x14x12	17	3300	49.5
NSK-R1A35L-3500L	34	31	20	40	9x14x12	17	3500	52.5

## AN, AL Square Type

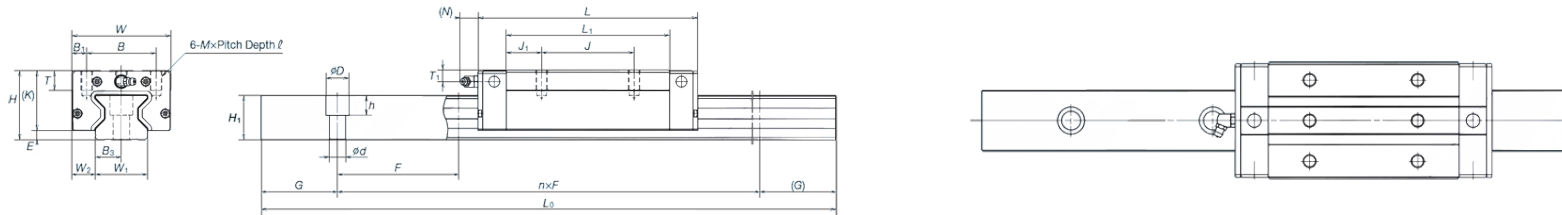


Block Part Number	Fabrication Dimension (mm)	Block Dimensions (mm)											Load Capacities (kN)		Static Moment (Nm)			Weight (lbs)		
		H	W <sub>2</sub>	W	L	L <sub>1</sub>	B	B <sub>1</sub>	E	J <sub>1</sub>	T <sub>1</sub>	N	J	K	T	C	C <sub>0</sub>		Mr <sub>0</sub>	Mp <sub>0</sub>
NSK-RAA35ANP6Z	55	18	70	123.8	83.2	50	10	6.5	16.6	15	11	50	48.5	15	53.3	129	2810	1800	1800	3.5
NSK-RAA35ALP6Z	48	18	70	123.8	83.2	50	10	6.5	16.6	8	11	50	41.5	15	53.3	1229	2810	1800	1800	2.6

The rated load capacities and static moment values are calculated according to the ISO Standards (ISO14728-1) for linear guides. If the above basic dynamic load rating (100km) is converted into 50km rating, use the formula:  $C_{50km} = 1.23 \times C_{100km}$ . With the RA series, the dynamic load rating is the same in both the vertical and horizontal directions (4-way load specifications).

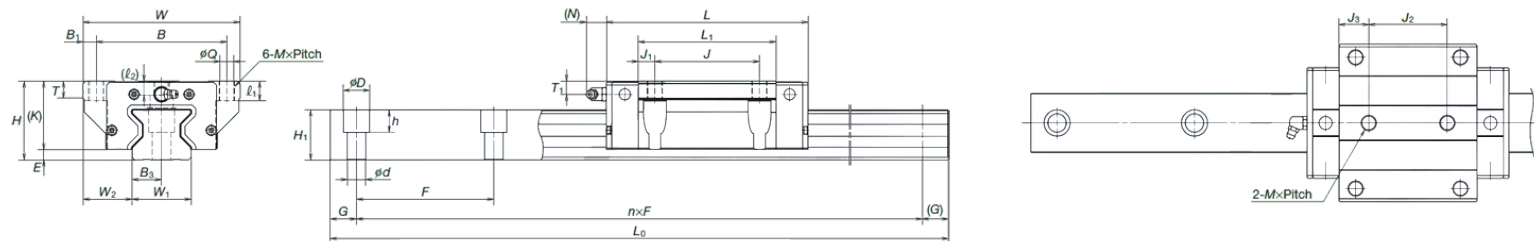
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### BN, BL, Low-Profile Type



Block Part Number	Fabrication Dimension (mm)		Block Dimensions (mm)												Load Capacities (kN)		Static Moment (Nm)			Weight (lbS)
	H	W <sub>2</sub>	W	L	L <sub>1</sub>	B	B <sub>1</sub>	E	J <sub>1</sub>	T <sub>1</sub>	N	J	K	T	C	C <sub>0</sub>	M <sub>r0</sub>	M <sub>p0</sub>	M <sub>y0</sub>	
NSK-RAA35BNP6Z	55	18	70	152	111.4	50	10	6.5	19.7	15	11	72	48.5	15	67.4	175	3810	3250	3250	4.6
NSK-RAA35BLP6Z	48	18	70	152	111.4	50	10	6.5	19.7	8	11	72	41.5	15	67.4	175	3810	3250	3250	3.7

### EM, GM Flange Type



Block Part Number	Fabrication Dimension (mm)		Block Dimensions (mm)												Load Capacities (kN)		Static Moment (Nm)			Weight (lbS)
	H	W <sub>2</sub>	W	L	L <sub>1</sub>	B	B <sub>1</sub>	E	J <sub>1</sub>	T <sub>1</sub>	N	J	K	T	C	C <sub>0</sub>	M <sub>r0</sub>	M <sub>p0</sub>	M <sub>y0</sub>	
NSK-RAA35EMP6Z	48	33	100	123.8	83.2	82	9	6.5	10.6	8	11	62	41.5	12	53.3	1229	2810	1800	1800	3.7
NSK-RAA35GMP6Z	48	33	100	152	111.4	82	9	6.5	24.7	8	11	62	41.5	12	67.4	175	3810	3250	3250	5.1