
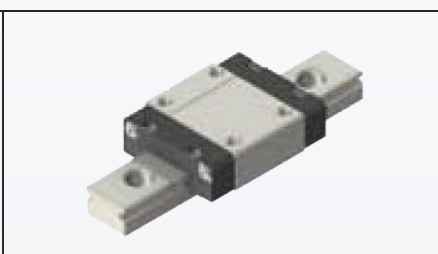
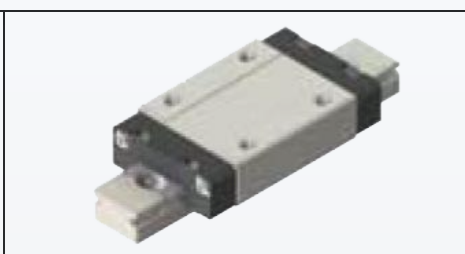


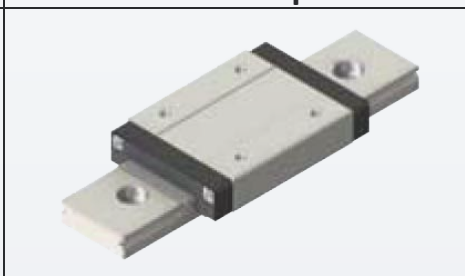


MINIATŰR, KOMPAKT GOLYÓS MEGVEZETÉS

A miniatűrben is miniatűr, vagyis még rövidebb és kompaktabb kivittel jelent meg
a **Nippon Bearing SEBS** szériája!

A sín méretéhez képest extra rövid lineáris kocsik mind normál és szélesített kivitelben!

		
Rövidített kocsi SEBS-BS típus	Normál kocsi SEBS-B típus	Hosszított kocsi SEBS-BY típus
		
Rövidített, széles kocsi SEBS-WBS típus	Normál, szélesített kocsi SEBS-WB típus	Hosszított, szélesített kocsi SEBS-WBY típus

GYORS SZÁLLÍTÁSSAL, VERSENYKÉPES ÁRON!

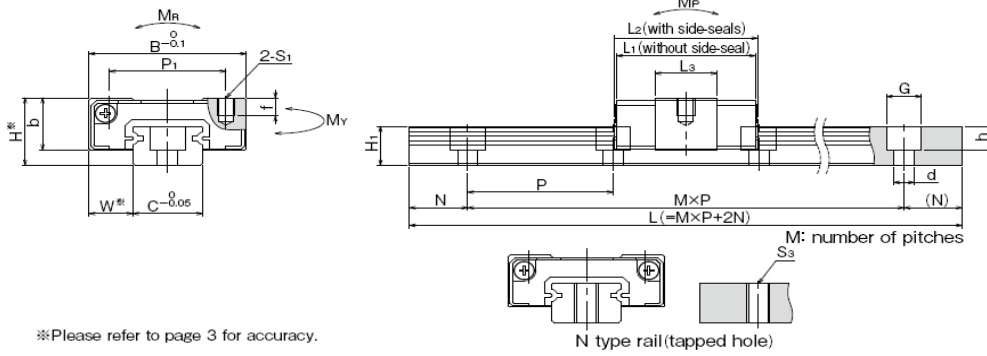
Árajánlatért, szakmai tanácsadásért forduljon hozzánk bizalommal!

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※Please refer to page 3 for accuracy.

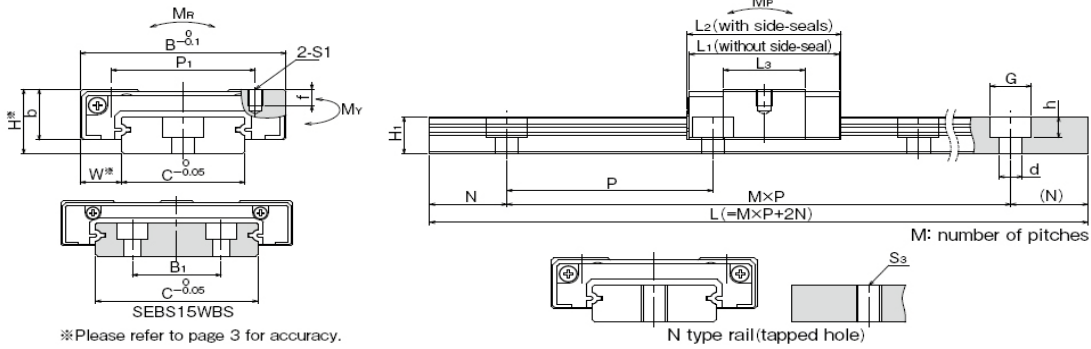
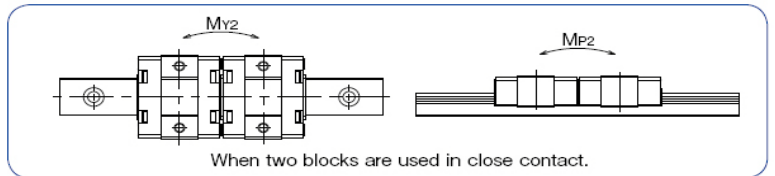
N type rail (tapped hole)

part number		assembly dimensions		block dimensions						guide rail dimensions						basic load rating		allowable static moment			mass					
resin return cap	stainless return cap	H	W	B	L ₁	L ₂	P ₁	S ₁	f	L ₃	b	H ₁	C	d×G×h	S ₃	N	P	dynamic C	static Co	M _P M _{P2}	M _Y M _{Y2}	M _R	resin return cap	stainless return cap	guide rail g/100mm	block size
SEBS 7BS	SEBS 7BSM	8	5	17	18.2	19	12	M2	2.5	8.8	6.5	4.7	7	24×4.2×2.3	M3	5	15	0.92	1.05	1.57 13.6	1.32 11.4	3.86	7	10	21	7BS
SEBS 9BS	SEBS 9BSM	10	5.5	20	20.5	21.3	15	M3	3	10.1	7.8	5.5	9	3.5×6×3.5	M4	7.5	20	1.05	1.26	2.17 18.2	1.82 15.2	5.90	11	15	31	9BS
SEBS 12BS	SEBS 12BSM	13	7.5	27	24.2	24.6	20		3.5	10.6	10	7.5	12	3.5×6×4.5		10	25	1.90	1.91	3.63 32.4	3.04 27.2	11.9	21	30	59	12BS
SEBS 15BS	SEBS 15BSM	16	8.5	32	30	30.4	25	4	15	12	9.5	15	15		M5	15	40	3.49	3.38	8.56 67.5	7.18 56.6	26.2	40	53	97	15BS

part number	standard rail length L mm																		maximum length mm	
	40	55	70	85	100	115	130	145	160	175	190	205	220	235	250	265	280	295	310	counterbore
SEBS 7B	40 55 70 85 100 115 130 145 160 175 190 205 220 235 250 265 280 295 310																		1,000	700
SEBS 9B	55 75 95 115 135 155 175 195 215 235 255 275 295 315 335 355 375 395 415 435 455 475																		1,300	1,000
SEBS 12B	70 95 120 145 170 195 220 245 270 295 320 345 370 395 420 445 470 495																			
SEBS 15B	70 110 150 190 230 270 310 350 390 430 470 510 550 590 630 670																			

Rails exceeding the maximum length may be fabricated if joints are used. Please contact NB for assistance.

part number	equivalent coefficient				
	Ep ₁	Ep ₂	Ey ₁	Ey ₂	Er
SEBS 7BS	6.70×10 ⁻¹	7.76×10 ⁻²	7.98×10 ⁻¹	9.25×10 ⁻²	2.74×10 ⁻¹
SEBS 9BS	5.83×10 ⁻¹	6.96×10 ⁻²	6.95×10 ⁻¹	8.30×10 ⁻²	2.15×10 ⁻¹
SEBS 12BS	5.27×10 ⁻¹	5.90×10 ⁻²	6.28×10 ⁻¹	7.03×10 ⁻²	1.60×10 ⁻¹
SEBS 15BS	3.95×10 ⁻¹	5.01×10 ⁻²	4.71×10 ⁻¹	5.97×10 ⁻²	1.30×10 ⁻¹



※Please refer to page 3 for accuracy.

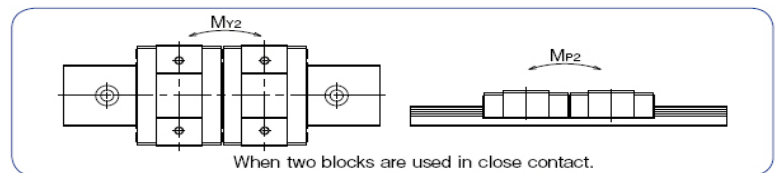
N type rail (tapped hole)

part number	assembly dimensions		block dimensions						guide rail dimensions						basic load rating		allowable static moment			mass						
	H	W	B	L ₁	L ₂	P ₁	S ₁	f	L ₃	b	H ₁	C	B ₁	d×G×h	S ₃	N	P	dynamic C	static Co	M _P M _{P2}	M _Y M _{Y2}	M ₀	block g	guide rail g/100mm	block size	
SEBS 7WBS	9	5.5	25	21.1	21.9	19	M3	2.8	10.7	7	5.2	14	-	3.5×6×3.2	M4	10	30	1.05	1.26	2.17 18.2	1.82 15.2	9.07	12	51	7WBS	
SEBS 9WBS	12	6	30	24.2	25	21			13	9	7.5	18	-	3.5×6×4.5		1.73	2.01	4.35 33.3	3.65 27.9	18.6	21	96	9WBS			
SEBS 12WBS	14	8	40	29.7	30.1	28			3.5	15.9	11	8	24	-		4.5×8×4.5	15	40	2.53	2.86	7.38 54.3	6.19 45.6	35.1	43	137	12WBS
SEBS 15WBS	16	9	60	39.4	39.8	45			M4	4.5	24	13	9.5	42			23	M5	15	40	5.15	5.91	22.9 146	19.2 122	125	98

part number	standard rail length L mm																		maximum length mm	
	50	80	110	140	170	200	230	260	290	320	350	380	410	440	470	500	530	counterbore	tapped hole (N type)	
SEBS 7WB	50 80 110 140 170 200 230 260 290 320 350 380 410 440 470																		1,000	700
SEBS 9WB	50 80 110 140 170 200 230 260 290 320 350 380 410 440 470 500 530																		1,300	1,000
SEBS 12WB	70 110 150 190 230 270 310 350 390 430 470 510 550 590 630 670 710																			
SEBS 15WB	70 110 150 190 230 270 310 350 390 430 470 510 550 590 630 670 710 750 790 830 870																			

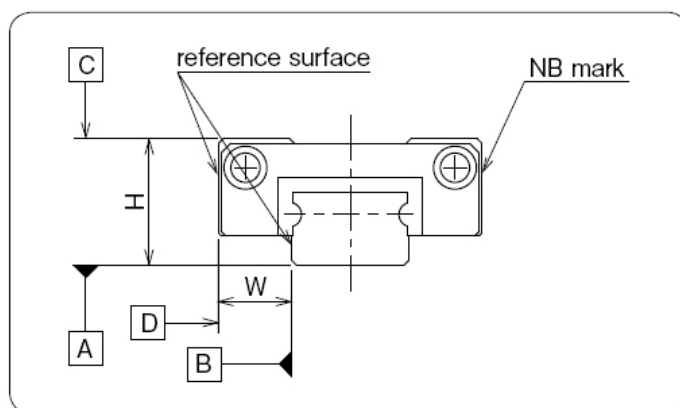
Rails exceeding the maximum length may be fabricated if joints are used. Please contact NB for assistance.

part number	equivalent coefficient				
	Ep ₁	Ep ₂	Ey ₁	Ey ₂	Er
SEBS 7WBS	5.83×10 ⁻¹	6.96×10 ⁻²	6.95×10 ⁻¹	8.30×10 ⁻²	1.40×10 ⁻¹
SEBS 9WBS	4.63×10 ⁻¹	6.05×10 ⁻²	5.52×10 ⁻¹	7.21×10 ⁻²	1.09×10 ⁻¹
SEBS 12WBS	3.89×10 ⁻¹	5.28×10 ⁻²	4.64×10 ⁻¹	6.29×10 ⁻²	8.17×10 ⁻²
SEBS 15WBS	2.58×10 ⁻¹	4.06×10 ⁻²	3.07×10 ⁻¹	4.83×10 ⁻²	4.71×10 ⁻²



Nippon Bearing miniatűr lineáris sínek pontossága

		unit/mm
accuracy grade	high	precision
accuracy symbol	blank	P
allowable dimensional difference in height H	± 0.020	± 0.010
paired difference for height H	0.015	0.007
allowable dimensional difference in width W	± 0.025	± 0.015
paired difference for width W	0.020	0.010
running parallelism of surface C to surface A	refer to Figure 1 and 2	
running parallelism of surface D to surface B		



Nippon Bearing miniatűr lineáris csapágyak előfeszítése

size	preload and symbol		
	clearance T0	standard blank	light T1
SEBS 7BS	+3~+6	-3~0	-4~-2
SEBS 9BS			
SEBS12BS			
SEBS15BS	+4~+8		-7~-3
SEBS 7WBS	+3~+6	-3~0	-4~-2
SEBS 9WBS			
SEBS12WBS			
SEBS15WBS	+4~+8		-7~-3

preload	symbol	operating conditions
clearance	T0	light motion is required. installation errors to be absorbed.
standard	blank	minute vibration is applied. accurate motion is required. moment is applied in a given direction.
light	T1	light vibration is applied. light torsional load is applied. moment is applied.

Kódfelépítés

example **SEBS 15B S M UU 2 T1 - 589 N P / W2**

SEBS : anti-corrosion	15B : size	S : block S: short	M : return cap blank: resin M: stainless steel	UU : seal blank: without side-seal UU: with side-seals	2 : number of blocks attached to one rail	T1 : preload symbol T0: clearance blank: standard T1: light	- 589 : total length of rail	N : rail mounting hole blank: counterbore N: tapped hole	P : accuracy grade blank: high P: precision	W2 : symbol for number of axes* blank: single axis W2: 2 parallel axes W3: 3 parallel axes
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※ The symbol for the number of axes does not mean the number of rails ordered.

Tervezzen és építsen velünk!

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