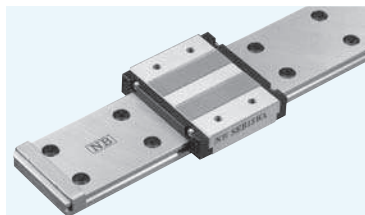


SEB-WA/SEB-WAY TYPE

— Wide Type —



part number structure

example **SEBS 15WA Y UU 2 T1 - 539 N P / W2**

specification
SEB: standard
SEBS: anti-corrosion

size

block
blank: standard
Y: long

seal
blank: without side-seal
UU: with side-seals

number of blocks attached to one rail

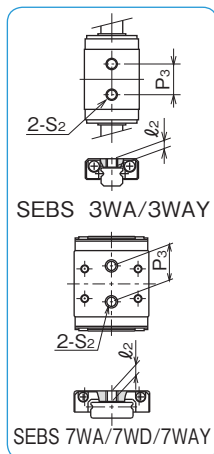
preload symbol
TO: clearance
blank: standard
T1: light

symbol for number of axes*
blank: single axis
W2: 2 parallel axes
W3: 3 parallel axes

accuracy grade
blank: high
P: precision

rail mounting hole
blank: counterbore
N: tapped hole

total length of rail

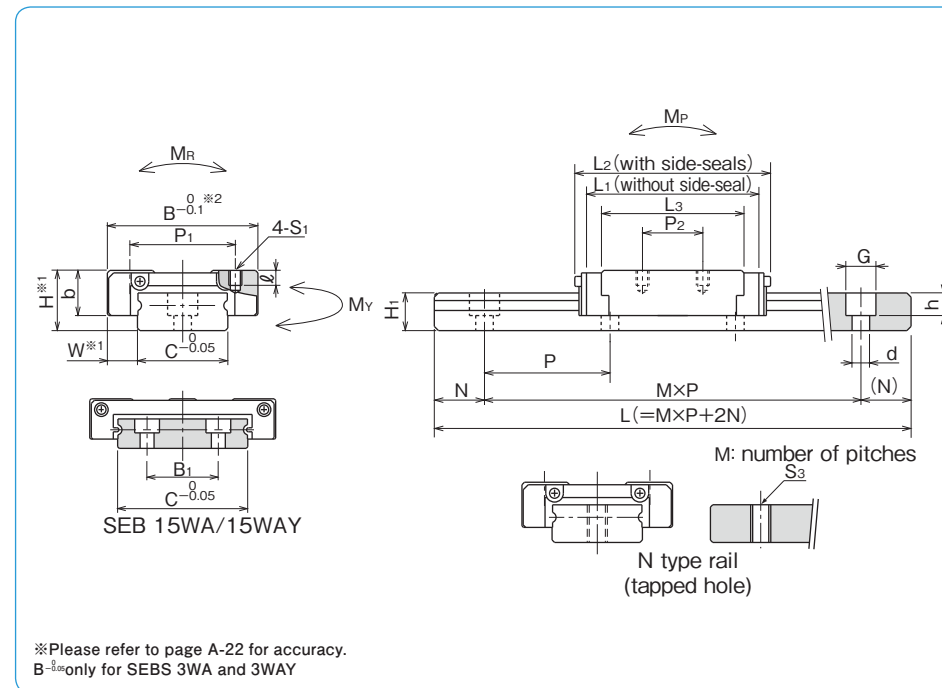


* The symbol for the number of axes does not mean the number of rails ordered.

part number		assembly dimensions		block dimensions												
standard	anti-corrosion	H	W	B	L ₁	L ₂	P ₁	P ₂	S ₁	ℓ	L ₃	P ₃	S ₂	ℓ ₂	b	
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
—	SEBS 3WA SEBS 3WAY	4.5	3	12	14.2 19	15 19.8	—	—	—	—	9.7 14.5	4.5 8	M2	1.7	3.5	
—	SEBS 7WA SEBS 7WD SEBS 7WAY	9	5.5	25	30.1 39.6	32 41	18 19	12 10 19	M2.6 M3	2.5 2.8 3	22.1 31.6	12 18	M4	3.5	7	
SEB 9WA SEB 9WD SEB 9WAY	SEBS 9WA SEBS 9WD SEBS 9WAY	12	6	30	35.9 48	38 50	21 23	12 24	M2.6 M3	3 2.8 3	28.4 40.4	— —	— —	— —	9	
SEB12WA SEB12WAY	SEBS12WA SEBS12WAY	14	8	40	40.7 55	44 58.5	28	15 28	M3	3.5	33.5 47.8	— —	— —	— —	11	
SEB15WA SEB15WAY	SEBS15WA SEBS15WAY	16	9	60	51.2 70.5	55 74	45	20 35	M4	4.5	42 61.1	— —	— —	— —	13	

part number		standard rail length L mm																																																																
standard	anti-corrosion	40	55	70	85	100	115	130	145	160	175	190	205	220	235	250	265	280	295	310	325	340	355	370	385	400	415	430	445	460	475	490	505	520	535	550	565	580	595	610	625	640	655	670	685	700	715	730	745	760	775	790	805	820	835	850	865	880	895	910	925	940	955	970	985	1000
—	SEBS 3WA																																																																	
—	SEBS 7WA																																																																	
SEB 9WA	SEBS 9WA																																																																	
SEB12WA	SEBS12WA																																																																	
SEB15WA	SEBS15WA																																																																	

Joint rails are used when the required length exceeds the maximum standard length listed in the dimension tables. Please contact NB for details. SEB9WAY and SEB15WAY block lengths exceed the minimum standard rail length.



guide rail dimensions						basic load rating		allowable static moment			mass		block size
H ₁	C	B ₁	S ₃	d×G×h	N	P	dynamic C	static Co	M _P	M _Y	M _r	block g	
mm	mm	mm	mm	mm	mm	mm	kN	kN	N·m	N·m	N·m	g	g/100mm
2.6	6	—	M3	2.4×4×1.5	5	15	0.33 0.44	0.54 0.81	0.83 1.81	0.99 2.15	1.67 2.51	3 4	10
5.2	14	—	M4	3.5×6×3.2	10	30	1.43 1.90	2.12 3.19	6.53 14.1	7.78 16.8	15.2 22.8	21 30	51
7.5	18	—	M4	3.5×6×4.5	10	30	2.49 3.25	3.66 5.35	15.2 31.4	18.1 37.4	33.9 49.5	38 55	96
8	24	—	M5	4.5×8×4.5	15	40	3.64 4.75	5.21 7.62	25.7 53.2	30.7 63.4	63.8 93.3	77 109	138
9.5	42	23	M5	4.5×8×4.5	15	40	6.29 8.35	8.51 12.7	52.2 113	62.2 134	180 271	154 222	294

1kN ≅ 102kgf 1N·m ≅ 0.102kgf·m

part number		maximum counterbore		length mm	
standard	anti-corrosion	standard	anti-corrosion	standard	anti-corrosion
—	—	—	500	—	150
—	—	—	1,000	—	700
500	530	—	—	—	—
670	710	1,900	1,300	1,900	1,000
670	710	750	790	830	870

