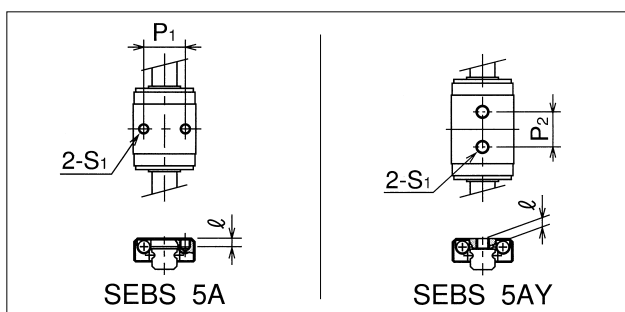
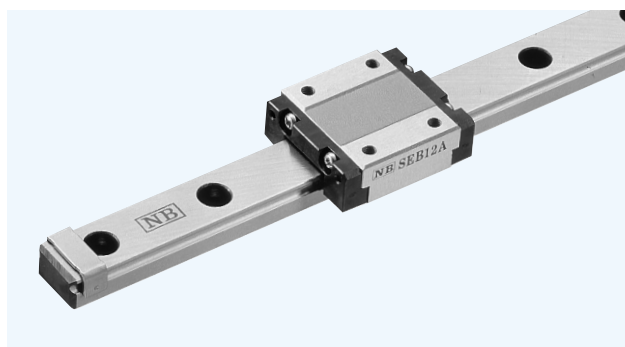


SEB-A/AY TYPE

— Standard Type —

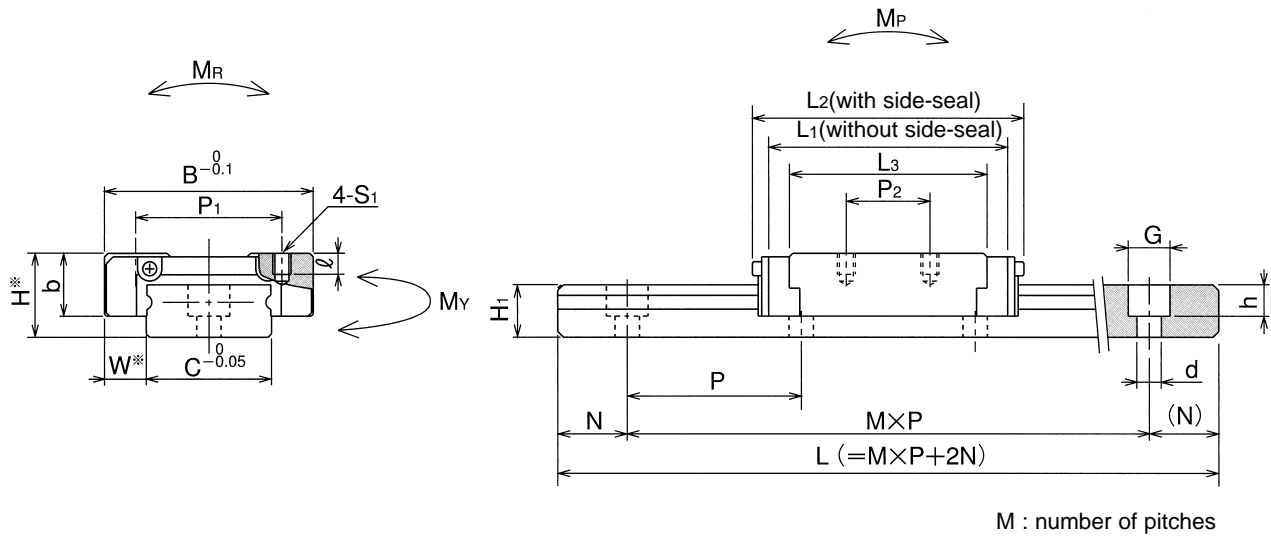
part number structure											
example SEBS 15A Y UU 2 T1 - 589 P / W2											
specification			size			symbol for number of rails			accuracy grade		
SEB standard			15A			blank single rail			blank high		
SEBS anticorrosion			Y			W2 double rails			P precision		
block			UU			W3 triple rails			total length of rail		
blank standard			2			T1			pre-load symbol		
Y long			T1			T0 clearance			blank standard		
seal			589			T1 light pre-load			number of blocks attached to one rail		
blank without side-seal			P			blank			Note: The symbol for the number of rails does not mean the number of rails ordered.		
UU seals on both ends			W2			T1					



part number		assembly dimensions		block dimensions								
standard	anticorrosion	H	W	B	L ₁	L ₂	P ₁	P ₂	S ₁	ℓ	L ₃	b
		mm	mm	mm	mm	mm	mm	mm		mm	mm	mm
—	SEBS 5A	6	3.5	12	15.6	17	8	—	M2	1.5	9.8	4.5
	SEBS 5AY				19.2	20.6	—	7	M2.6	1.8	13.4	
—	SEBS 7A	8	5	17	21.9	24	12	8	M2	2.5	15.1	6.5
	SEBS 7AY				31	33		13			24.6	
SEB 9A	SEBS 9A	10	5.5	20	28.1	30	15	10	M3	3	20.4	7.8
SEB 9AY	SEBS 9AY				38.1	40		16			30.4	
SEB 12A	SEBS 12A	13	7.5	27	30	33.5	20	15		3.5	23	10
SEB 12AY	SEBS 12AY				42	45.5		20			34.7	
SEB 15A	SEBS 15A	16	8.5	32	38.5	42	25	20		4	29.5	12
SEB 15AY	SEBS 15AY				54.5	58		25			45.4	
SEB 20A	SEBS 20A	25	13	46	55.7	61	38	38	M4	6	45.7	17.5
SEB 20AY	SEBS 20AY				79.5	85		38			69.5	

part number		standard rail length											
standard	anticorrosion	L mm											
—	SEBS 5A	40	55	70	85	100	130	160					
—	SEBS 7A	40	55	70	85	100	130	160	190	220	250	280	310
SEB 9A	SEBS 9A	55	75	95	115	135	155	175	195	235	275	315	355
SEB 12A	SEBS 12A	70	95	120	145	170	195	220	245	270	295	320	345
SEB 15A	SEBS 15A	70	110	150	190	230	270	310	350	390	430	470	510
SEB 20A	SEBS 20A	220	280	340	400	460	520	580	640	760	880	1,000	

Joint rails are used when the required length exceeds the maximum standard length listed in the dimensional tables. Contact NB for details.



※Refer to page A-18 for description of accuracy

guide-rail dimensions					basic load rating		allowable static moment			mass		size
H ₁	C	d × G × h	N	P	dynamic C kN	static Co kN	M _P N · m	M _Y N · m	M _R N · m	block kg	guide rail kg/m	
4	5	2.4 × 3.5 × 1	5	15	0.43	0.72	1.2	1.5	1.9	0.003	0.13	5A
					0.59	0.99	2.2	2.8	2.6	0.004		5AY
4.7	7	2.4 × 4.2 × 2.3			1.08	1.67	4.1	4.9	5.2	0.01	0.19	7A
					1.89	2.92	12.0	14.3	9.1	0.015		7AY
5.5	9	3.5 × 6 × 3.5	7.5	20	1.67	2.45	6.9	7.8	11.8	0.02	0.31	9A
					2.55	3.82	16.7	19.6	17.6	0.03		9AY
7.5	12	3.5 × 6 × 4.5	10	25	2.16	3.14	8.8	10.8	18.6	0.04	0.61	12A
					3.53	5.10	24.5	29.4	32.3	0.06		12AY
9.5	15		15	40	3.63	5.39	21.6	25.5	40.2	0.06	1.02	15A
					5.88	8.72	57.8	68.6	67.6	0.10		15AY
15	20	6 × 9.5 × 8.5	20	60	6.86	9.80	51.0	60.8	98.0	0.23	2.14	20A
					11.0	15.7	157	186	157	0.34		20AY

1kN ≒ 102kgf 1N · m ≒ 0.102kgf · m

						maximum length	
						standard	anticorrosion
						—	300
						—	700
395	435	475				500	1,000
370	395	420	445	470	495		
550	590	630	670				
						1,900	

SEBS5 rail-mounting bolt
SEBS5 rails are provided with custom bolts for mounting.

