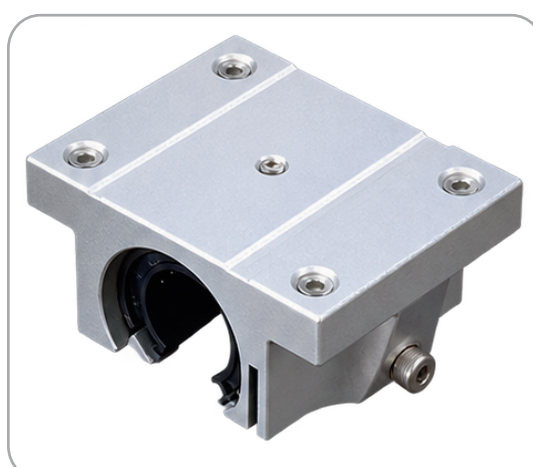


Support Rail Units

SBR... Slide Units



TBR... Slide Units



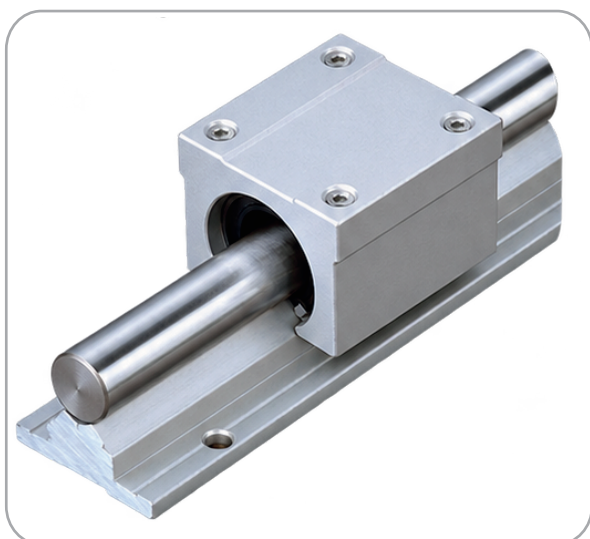
SBS... Support Rail



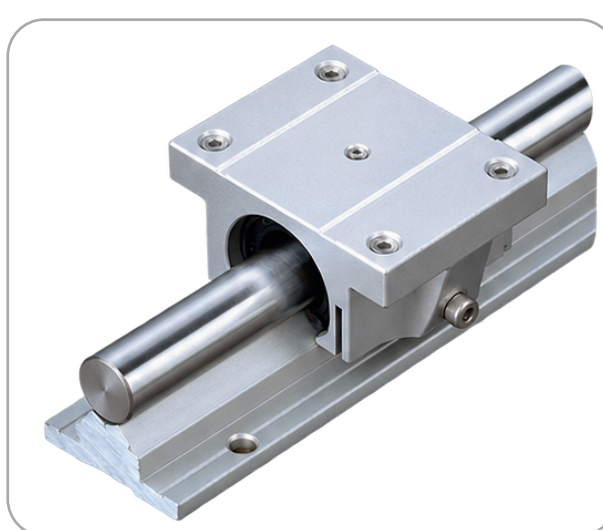
TBS... Support Rail



SBS... Support Rail



TBR... Support Rail



SB S ...A -1000L

SB S ...A -1000L

SB Support Rail

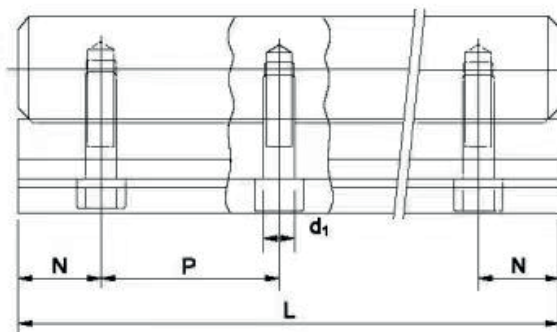
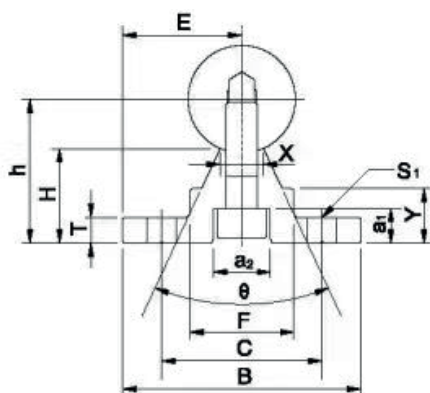
S: With shaft

-: No shaft

Length of Rail

Shaft Diameter

*We could manufacture according to customer's requirements.



Designation	Shaft Diameter	Nominal Dimensions (mm)														Weight (g)
		E	h	B	H	T	F	X	Y	C	β	S ₁	a ₁	a ₂	d ₁	
SBS10A	φ10	16	18	32	13.5	4	12,4	4,7	8,9	22	80°	φ4,5	5	7,5	4,5	1,260
SBS12A	φ12	17	20,4	34	15	4,5	15,0	6,0	9,6	25	80°	φ4,5	5	7,5	4,5	1,880
SBS16A	φ16	20	25	40	17.8	5	18,5	8,0	11.7	30	80°	φ5,5	6	9,5	5,5	2,580
SBS20A	φ20	22.5	27	45	17,7	5	19,0	8,0	10	30	50°	φ5,5	6.5	11	6,6	3,500
SBS25A	φ25	27,5	33	55	21,0	6	21.5	8,0	12	35	50°	φ6,5	6.5	11	6,6	5,300
SBS30A	φ30	30	37	60	22,8	7	26.5	10,3	13	40	50°	φ6,5	8.5	14	9	7,380
SBS35A	φ35	32,5	43	65	26,5	8	28,0	13,0	15,5	45	50°	φ9,0	8.5	14	9	9,680
SBS40A	φ40	37,5	48	75	29,4	9	38,0	16,0	17	55	50°	φ9,0	8.5	14	9	12,690
SBS50A	φ50	47,5	62	95	38,8	11	45,0	20,0	21	70	50°	φ11	12.5	19	11	20,460

Support Rail Standard Length and Dimensions

Designation	SBS10A	SBS126A	SBS16A	SBS20A	SBS25A	SBS30A	SBS35A	SBS40A	SBS50A
Standard Length L	150	150	190	340	250	450	460	460	470
	270	270	340	640	450	850	660	660	670
	390	510	640	940	850	1,250	660	860	870
	510	750	940	1,240	1,250	1,450	1,060	1,060	1,070
	750							1,260	1,270
N	15	15	20	20	25	25	30	30	35
P	120	120	150	150	200	200	200	200	200
Max.Length	1.110 4.000	1.110 4.000	1.390 4.000	1.390 4.000	1.850 4.000	1.850 4.000	1.860 4.000	1.860 4.000	2.070 4.000

TB S ...A -1000L

TB S ...A -1000L

TB Support Rail

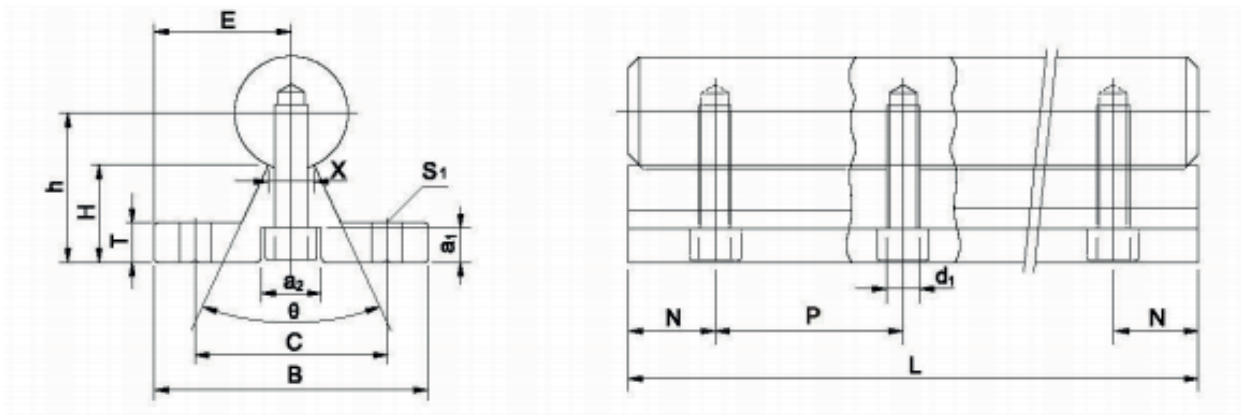
S: With shaft

-: No shaft

Length of Rail

Shaft Diameter

*We could manufacture according to customer's requirements.



Model	Shaft Diameter	Dimensions (mm)												Weight (g)
		E	h	B	H	T	X	C	θ	S ₁	a ₁	a ₂	d ₁	
TBS16A	16	25	22	50	14,84	6	8	37	60°	5.5	6	9,5	5,5	2,660
TBS20A	20	27,5	29	55	19,64	8	8	40	50°	5.5	6,5	11	6,6	4,230
TBS25A	25	32,5	32	65	20	10	8	45	50°	6.6	6,5	11	6,6	5,850
TBS30A	30	37,5	36,5	75	22,28	12	10,3	55	50°	6.6	8,5	14	9	8,280

Support Rail Standard Length and Dimensions

Designation	TBS16A	TBS20A	TBS25A	TBS30A
Standard Length L	190	340	250	450
	340	640	450	850
	640	940	850	1,250
	940	1,240	1,250	1,450
N	20	20	25	25
P	150	150	200	200
Max.Length	1,390 4.000	1,390 4.000	1,850 4.000	1,850 4.000

SBR... S 2A +1000L

SBR... S 2A +1000L

SBR Support Rail Units

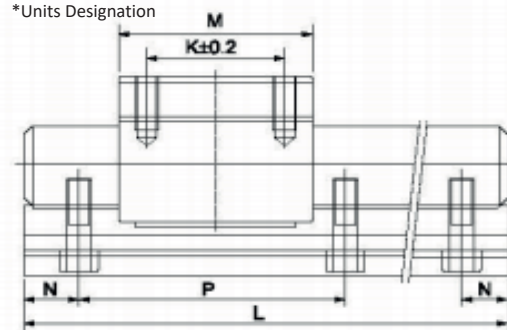
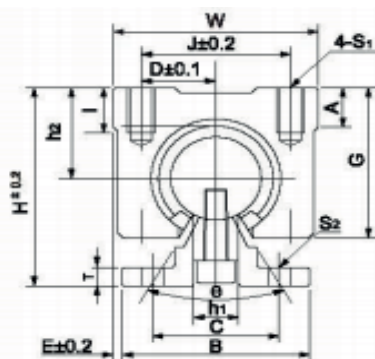
Shaft Diameter

Rail Length

Number of the On One Support Rail

*The main length of rails and slide units can be searched on the form SBS series.

*Units Designation



Designation		Shaft Diameter	Basic Load Rating		Weight (g)		Dimensions(mm)				
Rail Units	Slide Units		Dynamic C N	Static Co N	Slide Units (G)	Rails (kgf/m)	D	h ₂	H	E	θ
SBR10SA	SBR10UU	φ10	380	560	65	1,260	12.5	15	33	2	80°
SBR12SA	SBR12UU	φ12	510	780	100	1,880	14	17	37,4	3	80°
SBR16SA	SBR16UU	φ16	770	1,170	150	2,560	22,5	20	45	2.5	80°
SBR20SA	SBR20UU	φ20	860	1,370	200	3,500	24	23	50	1,5	60°
SBR25SA	SBR25UU	φ25	980	1,560	450	5,300	30	27	60	2,5	50°
SBR30SA	SBR30UU	φ30	1,560	2,740	630	7,380	35	33	70	5	50°
SBR35SA	SBR35UU	φ35	1,660	3,130	920	10,050	40	37	80	7,5	50°
SBR40SA	SBR40UU	φ40	2,150	4,010	1,330	13,100	45	42	90	7,5	50°
SBR50SA	SBR50UU	φ50	3,820	7,930	3,000	20,650	60	53	115	12,5	50°

Designation	Dimensions (mm)												
	w	G	A	B	T	M	S ₁ x1	J	K	S ₁	C	N	P
SBR10A	36	24	7	32	4	32	M5X10	25	20	φ4.5	22	15	120
SBR12A	40	27,6	8	34	4,5	39	M5X10	28	26	φ4.5	25	15	120
SBR16A	45	33	9	40	5	45	M5X12	32	30	φ5.5	30	20	150
SBR20A	48	39	11	45	5	50	M6X12	35	35	φ5.5	30	20	150
SBR25A	60	47	14	55	6	65	M6X12	40	40	φ6.6	35	25	200
SBR30A	70	56	15	60	7	70	M8X18	50	50	φ6.6	40	25	200
SBR35A	80	63	18	65	8	80	M8X18	55	55	φ9.0	45	30	200
SBR40A	90	72	20	75	9	90	M10X20	65	65	φ9.0	55	30	200
SBR50A	120	92	25	95	11	110	M10X20	94	80	φ11	70	35	200

Model	Dimensions (mm)											Slide Bush			
												Model	Basis Load Rating		Weight (g)
	h ₂	D	W	M	G	h ₁	θ	K	S ₁	I	A		Dynamic C N	Static Co N	
SBR16LUU	20	22.5	45	85	33	11	80°	60	M5	12	9	2xLM16LUUOP	1,548	2,360	300
SBR20LUU	23	24	48	96	39	11	60°	70	M6	12	11	2xLM20LUUOP	1,764	2,740	400
SBR25LUU	27	30	60	130	47	12	50°	100	M6	12	14	2xLM25LUUOP	1,960	3,140	900
SBR30LUU	33	35	70	140	56	15	50°	110	M8	18	15	2xLM30LUUOP	3,140	5,480	1,260
SBR35LUU	37	40	80	155	63	17	50°	130	M8	18	18	2xLM35LUUOP	3,340	6,260	1,840
SBR40LUU	42	45	90	175	72	20	50°	140	M10	20	20	2xLM40LUUOP	4,320	8,040	2,660

TBR... S 2A +1000L

TBR... S 2A +1000L

TBR Support Rail Units

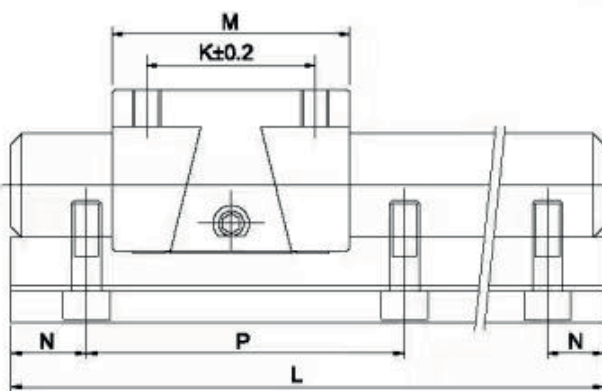
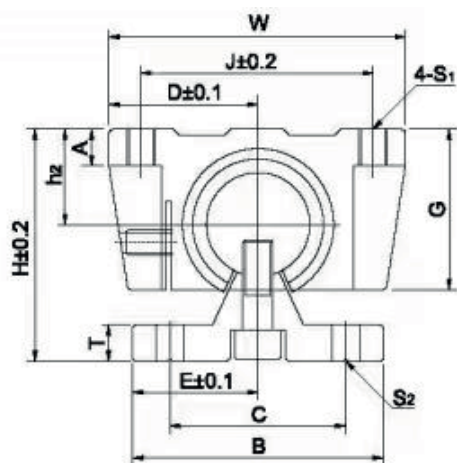
Shaft Diameter

Rail Length

Number of the On One Support Rail

*The main length of rails and slide units can be searched on the form TBS series.

*Units Designation



Model		Shaft Diameter	Basic Load Rating		Weight (g)		Dimensions(mm)			
Rail Units	Slide Units		Dynamic C N	Static Co N	Slide Units (G)	Rails (kgf/m)	D	h ₂	H	E
TBR16SA	TBR16UU	16	392	490	180	2,450	31	18	40	25
TBR20SA	TBR20UU	20	784	1,176	300	3,600	34	21	50	27,5
TBR25SA	TBR25UU	25	1,568	2,352	600	5,600	41	28	60	32.5
TBT30SA	TBR30UU	30	1,764	2,940	900	8,000	45,5	33,5	70	37,5

Model	Dimensions (mm)												
	W	G	A	B	T	M	S ₁	J	K	S ₂	C	N	P
TBR16SA	62	26	8	50	6	42	M5	50	30	Φ5.5	37	20	150
TBR20SA	68	31	10	55	8	51	M6	54	37	Φ5.5	40	20	150
TBR25SA	82	41	12	65	10	65	M8	65	50	Φ6.6	45	25	200
TBR30SA	91	48	12	75	12	75	M8	75	60	Φ6.6	55	25	200

Model	Shaft Diameter	Basis Load Rating		Dimensions (mm)									Liner Boaring		
		Dynamic C N	Static Co N	W	G	A	M	S ₁	J	K	E	h ₂	Model	Basis Load Rating	
														Dynamic C N	Static Co N
TBR16LUU	16	780	980	62	26	8	85	M5	50	60	31	18	2xLM16UUOP	392	490
TBR20LUU	20	1,568	2,352	68	31	10°	96	M6	54	70	34	21	2xLM20UUOP	784	1,176
TBR25LUU	25	3,136	4,704	82	41	12	130	M8	65	100	41	28	2xLM25UUOP	1,568	2,352
TBR30LUU	30	3,528	5,880	91	48	12	140	M8	75	110	45,5	33,5	2xLM30UUUP	1,764	2,940