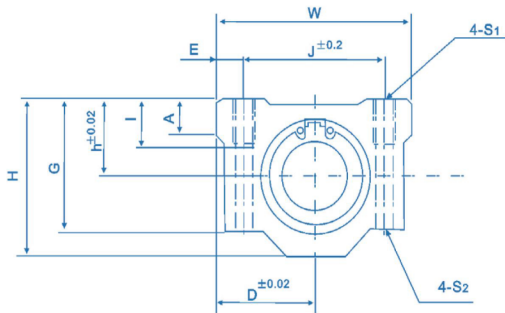
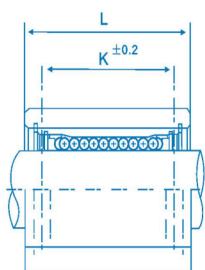


SC Series

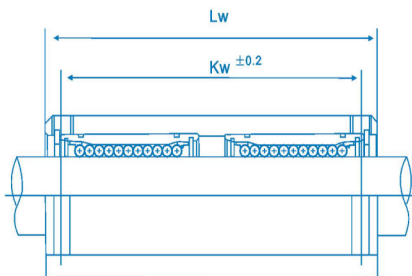


Standard Type					Long Type					Short Type				
Part Number	Installed L/B	Load Ratings		Wgt. (g)	Part Number	Installed L/B	Load Ratings		Wgt. (g)	Part Number	Installed L/B	Load Ratings		Wgt. (g)
		C (N)	Co (N)				C (N)	Co (N)				C (N)	Co (N)	
SC8UUN	LM8UU	274	392	52	SC8WUUN	2×LM8UU	431	784	102	SC8VUUN	LM8UU	260	400	36
SC10UUN	LM10UU	372	549	92	SC10WUUN	2×LM10UU	588	1100	180	SC10VUUN	LM10UU	370	540	63
SC12UUN	LM12UU	510	784	102	SC12WUUN	2×LM12UU	813	1570	205	SC12VUUN	LM12UU	410	590	74
SC13UUN	LM13UU	510	784	120	SC13WUUN	2×LM13UU	813	1570	240	SC13VUUN	LM13UU	500	770	85
SC16UUN	LM16UU	774	1180	200	SC16WUUN	2×LM16UU	1230	2350	400	SC16VUUN	LM16UU	770	1170	132
SC20UUN	LM20UU	882	1370	255	SC20WUUN	2×LM20UU	1400	2740	570	SC20VUUN	LM20UU	860	1370	170
SC25UUN	LM25UU	980	1570	600	SC25WUUN	2×LM25UU	1560	3140	1200	SC25VUUN	LM25UU	980	1560	405
SC30UUN	LM30UU	1570	2740	735	SC30WUUN	2×LM30UU	2490	5490	1480	SC30VUUN	LM30UU	1560	2740	495
SC35UUN	LM35UU	1670	3140	1100	SC35WUUN	2×LM35UU	2650	6270	2200	SC35VUUN	LM35UU	1660	3130	790
SC40UUN	LM40UU	2160	4020	1590	SC40WUUN	2×LM40UU	3430	8040	3200	SC40VUUN	LM40UU	2150	4010	1220
SC50UUN	LM50UU	3820	7940	3340	SC50WUUN	2×LM50UU	6080	15900	6700	SC50VUUN	LM50UU	3820	7390	2300

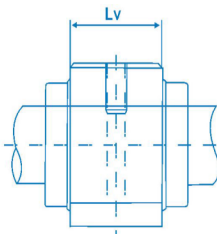
1N≒0.102kgf



SC□N



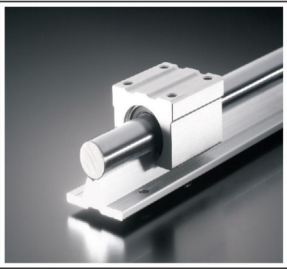
SC□WN



SC□VN

Dimensions(mm)																Part Number
Shaft Dia.	Common										SC		SC□W		SC□V	
	h	D	W	H	G	A	J	E	S1×I	S2	K	L	Kw	Lw	Lv	
φ 8	11	17	34	22	18	6	24	5	M4×8	Φ3.4	18	30	42	58	15.4	SC8UUN
φ 10	13	20	40	26	21	8	28	6	M5×12	Φ4.3	21	35	46	68	19.5	SC10UUN
φ 12	15	21	42	28	24	8	30.5	5.75	M5×12	Φ4.3	26	36	50	70	20.5	SC12UUN
φ 13	15	22	44	30	24.5	8	33	5.5	M5×12	Φ4.3	26	39	50	75	20.5	SC13UUN
φ 16	19	25	50	38.5	32.5	9	36	7	M5×12	Φ4.3	34	44	60	85	23.5	SC16UUN
φ 20	21	27	54	41	35	11	40	7	M6×12	Φ5.2	40	50	70	96	27.4	SC20UUN
φ 25	26	38	76	51.5	42	12	54	11	M8×18	Φ7.0	50	67	100	130	37.4	SC25UUN
φ 30	30	39	78	59.5	49	15	58	10	M8×18	Φ7.0	58	72	110	140	40.9	SC30UUN
φ 35	34	45	90	68	54	18	70	10	M8×18	Φ7.0	60	80	120	155	45.4	SC35UUN
φ 40	40	51	102	78	62	20	80	11	M10×25	Φ8.7	60	90	140	175	56.4	SC40UUN
φ 50	52	61	122	102	80	25	100	11	M10×25	Φ8.7	80	110	160	215	68.9	SC50UUN

SBR□S Series



Part Number Notation

SBR□S

2

+1000L

LM Shaft Diameter.

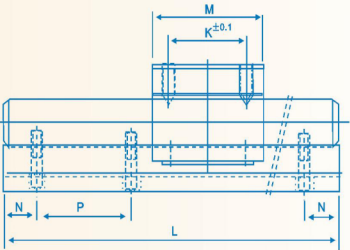
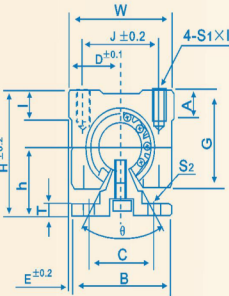
SBR Support Rail unit

Number of Case on a single Shaft

Support Rail Length*

* Assembly of Support Rail and Shaft only, see the Table in SBS series for standard lengths and dimensions. Drawing should be received with the order for customer design.

**Part number for Case only.



Part Number		Shaft Dia.	Basic Load Ratings		Weight		Dimensions(mm)				
Unit	Case*		Dynamic C(N)	Static Co(N)	Case(kg)	Rail(kg/m)	D	h	H	E	θ
SBR16S	SBR16UU	φ 16	770	1170	0.15	2.55	22.5	25	45	2.5	80°
SBR20S	SBR20UU	φ 20	860	1370	0.20	3.50	24	27	50	1.5	60°
SBR25S	SBR25UU	φ 25	980	1560	0.45	5.30	30	33	60	2.5	50°
SBR30S	SBR30UU	φ 30	1560	2740	0.63	7.40	35	37	70	5	50°
SBR35S	SBR35UU	φ 35	1660	3130	0.92	10.05	40	43	80	7.5	50°
SBR40S	SBR40UU	φ 40	2150	4010	1.33	13.10	45	48	90	7.5	50°
SBR50S	SBR50UU	φ 50	3820	7930	3.00	20.65	60	62	115	12.5	50°

Part Number	Dimensions(mm)												
	W	G	A	B	T	M	S1×I	J	K	S2	C	N*	P*
SBR16S	45	33	9	40	5	45	M5×12	32	30	φ 5.5	30	20	150
SBR20S	48	39	11	45	5	50	M6×12	35	35	φ 5.5	30	20	150
SBR25S	60	47	14	55	6	65	M6×12	40	40	φ 6.6	35	25	200
SBR30S	70	56	15	60	7	70	M8×18	50	50	φ 6.6	40	25	200
SBR35S	80	63	18	65	8	80	M8×18	55	55	φ 9	45	30	200
SBR40S	90	72	20	75	9	90	M10×20	65	65	φ 9	55	30	200
SBR50S	120	91	25	95	11	110	M10×20	94	80	φ 11	70	35	200

*:Standard

1N=0.102kgf

TBR□S Series



Part Number Notation

TBR□S 2 +1000L

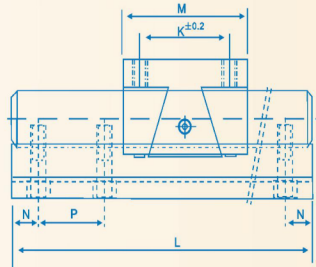
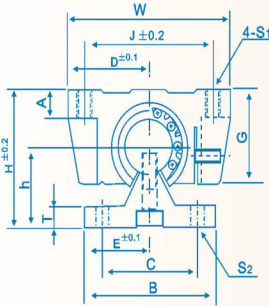
LM Shaft Diameter.

TBR Support Rail unit

Number of Case on a single Shaft

Support Rail Length*

* Assembly of Support Rail and Shaft only, see the Table in TBS series for standard lengths and dimensions.
Drawing should be received with the order for customer design.
**Part number for Case only.



Part Number		Shaft Dia.	Basic Load Ratings		Weight		Dimensions(mm)			
Unit	Case**		Dynamic C(N)	Static Co(N)	Case(kg)	Rail(kg/m)	D	h	H	E
TBR16S	TBR16UU	φ 16	392	490	0.18	2.45	31	22.14	40	25
TBR20S	TBR20UU	φ 20	784	1176	0.30	3.60	34	29.01	50	27.5
TBR25S	TBR25UU	φ 25	1568	2352	0.60	5.60	41	31.97	60	32.5
TBR30S	TBR30UU	φ 30	1764	2940	0.90	8.00	45.5	36.52	70	37.5

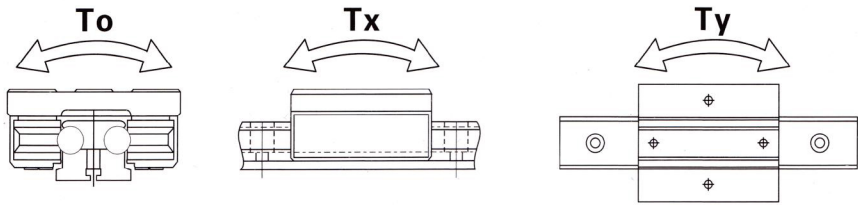
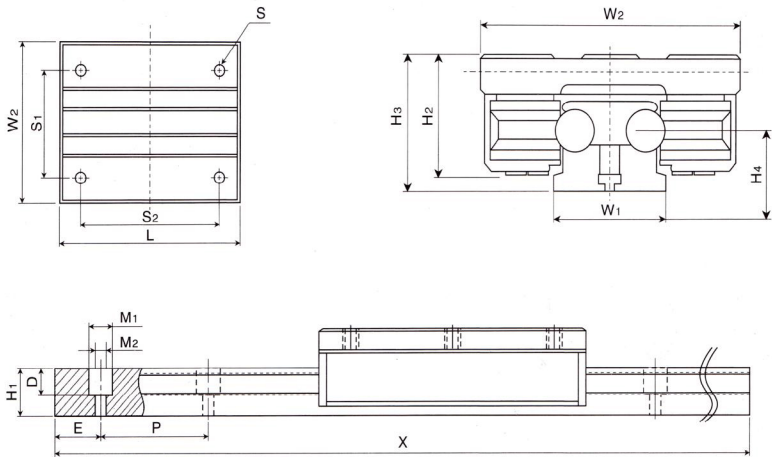
Part Number	Dimensions(mm)												
	W	G	A	B	T	M	S1	J	K	S2	C	N*	P*
TBR16S	62	26	8	50	6	42	M5	50	30	φ 5.5	37	20	150
TBR20S	68	31	10	55	8	51	M6	54	37	φ 5.5	40	20	150
TBR25S	82	41	12	65	10	65	M8	65	50	φ 6.6	45	25	200
TBR30S	91	48	12	75	12	75	M8	75	60	φ 6.6	55	25	200

*:Standard

1N=0.102kgf

axial core linear series

LGD



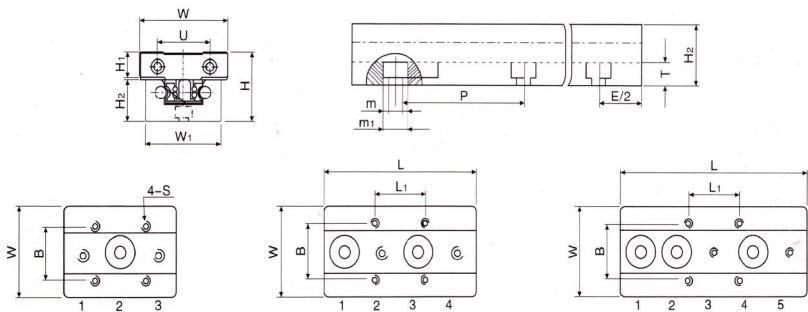
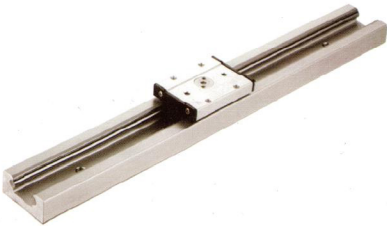
导轨型号 Type of guide	宽度 Width 1	组合 高度 H3	高度 Height 1	高度 Height 4	轴径 Shaft	孔距 Pitch	端距 End	大孔 Macroporous 1	小孔 Macroporous 2	孔深 Hole depth	单支长度 Single length	对接长度 Buttle length	重量 Weight Kg-m
LGD6	26	29	18	13	Φ6	60	30	Φ 9	Φ 5	7	0-6000	Infinite	1.25
LGD8	28	30	20	14	Φ8	50	25	Φ 8.5	Φ 5.5	5.5	0-6000	Infinite	2.3
LGD12	36	39	25.5	16	Φ12	50	25	Φ 12.5	Φ 6.5	12.5	0-6000	Infinite	3.1
LGD16	49	50	32	21	Φ16	80	40	Φ 21	Φ 10.5	17	0-6000	Infinite	5.8

导轨型号 Type of slider	宽度 Width 2	高度 Height 2	长度 Length 2	安装孔尺寸 Mounting holes Size S1*S2	安装孔 Mounting holes
LGB6-61L-4UU	60	26	61	38*40	M5*8
LGB8-70L-4UU	60	26	70	40*50	M5*8
LGB8-100L-4UU	60	26	100	40*80	M6*10
LGB12-60L-2UU	82	36	60	54*39	M6*10
LGB12-100L-4UU	82	36	100	54*76	M6*10
LGB12-140L-6UU	82	36	140	54*115	M6*10
LGB12-160L-8UU	82	36	160	54*136	M6*10
LGB16-150L-4UU	120	46	150	90*120	M8*10
LGB16-180L-4UU	120	46	180	90*150	M8*10

基本动荷载Kg The basic dynamic load	基本静荷载Kg Basic static load	容许静力矩 Allowable Static Moment			重量 Weight Kg-per
		To/Kgf-m	Tx/Kgf-m	Ty/Kgf-m	
80	120	2.3	1.6	1.8	0.16
80	130	3.6	3	3.2	0.2
90	140	4.1	3.5	3.7	0.25
100	150	2.1	1.6	1.9	0.32
200	380	7.5	6	6.5	0.57
270	435	8.1	10.8	12.7	0.73
290	460	8.7	11.2	13.6	0.85
400	750	15.2	12.5	13.3	1.4
430	790	16.5	14.2	14.8	1.6

Rectangle wheel linear rail series

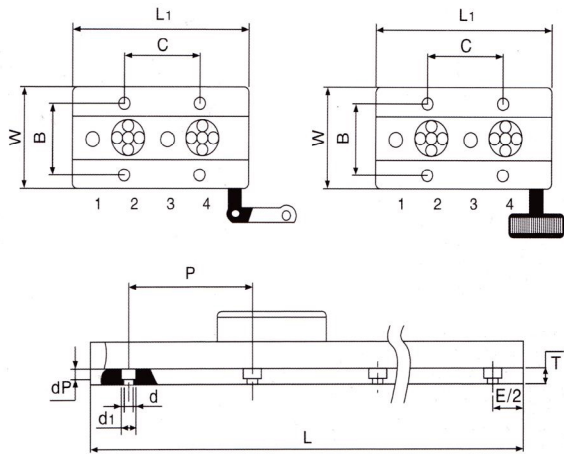
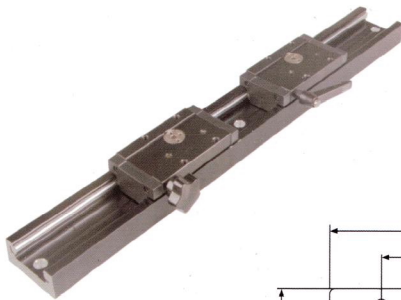
SG



S G		全 套		导轨SGR									滑座SGB													
SGR	SGB	H	W	W ₁	H ₂	d _p	P	轴 直 径	导轨 重 量 guide weight	T	m ₁	m	W	H ₁	L	B	L ₁	S	滑 轮 数 量	偏 心 轮 位 置	基 本 动 力 安 全 负 荷 Y ₀	动 力 矩 Z ₀	动 力 矩 M _{0x}	动 力 矩 M _{0y}	滑 块 重 量 kg-per	
10	-3	29	28	32	17	6	60	6	1.106	8	8	4.5	28	11	88	26	26	M4	3	2	320	300	6.4	6.8	7.1	0.11
	-3													60					3	2	490	460	10.2	9.2	9.8	0.110
15N	-4	32	38	38	18.5	6	120	6	1.11	8	8	4.5	44	12	80	26	26	M5	4	1,3	700	660	14.5	13.2	14	0.145
	-5													100					5	1,1,4	980	920	20.3	37	39	0.185
	-3													60					3	2	490	460	13.8	7.4	7.8	0.105
15	-4	32	46	46	18.5	6	120	6	2.01	8	8	4.5	46	12	80	32	36	M5	4	1,3	700	660	19.8	21.1	22.4	0.140
	-5													100					5	1,1,4	980	920	27.7	44.3	47	0.170
	-3													81					3	2	700	980	29.4	25.4	18.2	0.195
20N	-4	36	47	47	22.5	6	120	8	2.32	9	9.5	5.5	47	12	108	38	30	M6	4	1,3	1000	1400	42	72.8	52	0.265
	-5													135					5	1,1,4	1400	1960	84.2	129	92.4	0.350
	-3													81					3	2	700	980	42.1	21.5	15.4	0.210
20	-4	36	60	60	22.5	6	120	8	3.31	9	9.5	5.5	60	12	108	50	40	M6	4	1,3	1000	1400	60.2	61.6	44	0.280
	-5													135					5	1,1,4	1400	1960	84.2	129	92.4	0.350
	-3													100					3	2	1260	1470	67.62	48.51	41.58	0.460
25	-4	44	69	69	26	7	120	10	4.28	10	11	6.5	70	163	133	57	45	M8	4	1,3	1800	2100	96.6	138.6	118.8	0.615
	-5													166					5	1,1,4	2520	2940	135.0	281.06	249.48	0.775
	-3													140					3	2	2800	2800	159.6	126	128	1.1
35	-4	55	100	90	35	8.5	160	12	6.9	12	14	8.5	100	18	185	82	62	M10	4	1,3	4000	4000	228	360	360	1.45
	-5													230					5	1,1,4	5600	5600	319.2	758	756	1.835

Black SGR lock series

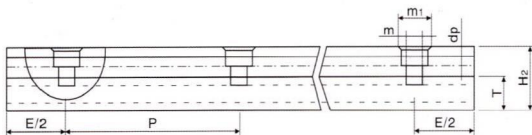
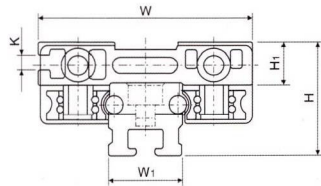
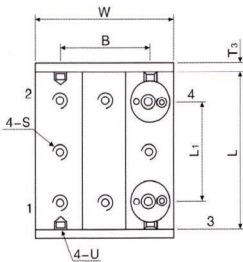
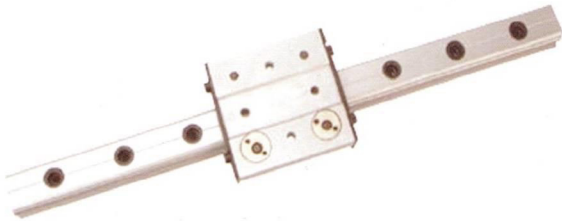
SGR



SG		全套		导轨SGR											滑块SGB												
SGR	SGB	H	W	W ₁	H ₂	d _p	P	轴 直径	重量 (kg/m)	T	d	d ₁	L ₁	Lmax	B	C	H ₁	S	滑轮 数量	偏心 位置	基本动力 Y ₀	安全负荷 Z ₀	动力距(N.m)				重量 (kg)
10	-4	23	28	28	14	3.3	60	5	1.05	7	3.4	6	80	4000	18.5	40	8.5	M4	4	2.4	450	420	7.5	8.1	8.6	1621	
15N	-4	32	44	38	18.5	5.5	120	6	1.65	7	4.5	8	100	4000	26	26	12	M5	4	2.4	700	660	14.5	13.2	14.0	2146	
15	-4	32	46	46	18.5	5.5	120	6	1.76	8	4.5	8	86	4000	32	36	12	M5	4	2.4	700	660	19.8	21.1	22.4	2426	
20N	-4	36	47	47	22.5	5.5	120	8	2.25	8	5.5	9.5	130	4000	38	30	12	M6	4	2.4	1.0	1.4	42	72.8	52	2859	
20	-4	36	60	60	22.5	5.5	120	8	2.75	8	5.5	9.5	130	4000	50	40	12	M6	4	2.4	1.0	1.4	60.2	61.6	44	3688	
25	-4	44	70	70	26	6.5	120	10	3.88	9	6.5	11	160	4000	57	45	15	M6	4	2.4	18.0	21.0	96.6	139	119	5009	

Rectangle wheel linear rail accessories

OSG



OSG	全 套		导轨OSGR									滑座OSGB													
	H	W	W1	H2	dp	P	轴 直径	重量 (kg/m)	T	m1	m	W	H1	L	B	L1	S	U	K	基本动力 安全负荷(N)		动力矩(N.m)			重量
							Yo	Zo	Mxo	Myo	Mzo													kg-per	
OSG-20	30	60	26	18	5.5	60	6	1230	12	9.5	5.5	60	12	60	38	38	M5	M5	4.2	700	660	23.03	33.41	35.47	0.12
OSG-25	35	80	30	21	6.5	60	8	2015	14	11	6.5	80	12	80	51	51	M6	M6	4.2	1000	1400	62.76	95.2	68	0.24
OSG-30	40	100	36	25	6.5	60	10	2987	15	11	6.5	100	16.5	100	61	61	M8	M6	5.2	1800	2100	105.98	172.54	147.89	0.52
OSG-40	50	130	47	31.5	8.5	60	12	5216	20	14	9	130	18	130	84	84	M10	M6	6.2	4000	4000	280.64	448	448	1.13