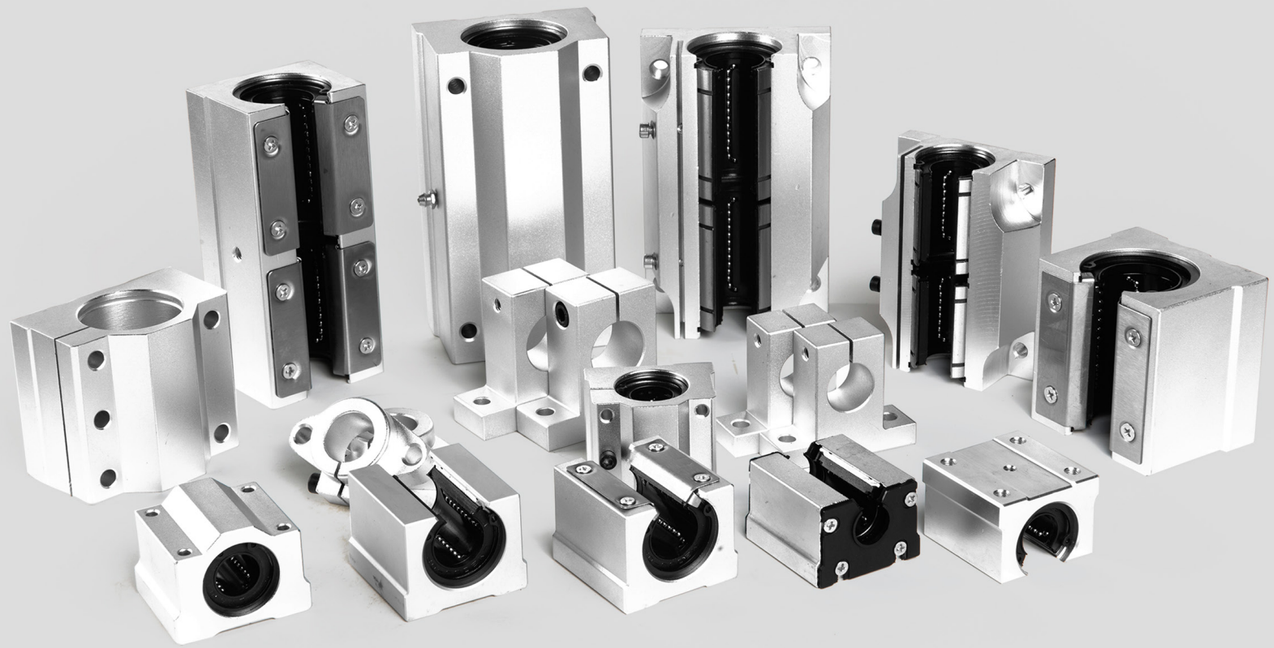
LINEAR-BEARING-SLIDE-UNIT
直线滑块系列



BL LINEAR®
UNITED PRECISION MACHINERY CO.,LTD.

LINEAR-BEARING-SLIDE-UNIT
直线滑块系列

- **SCS Linear Ball Bearing-slide Unit** 35
  直线滑块 **SCS**
- **SCE Linear Ball Bearing-slide Unit** 37
  直线滑块 **SCE**
- **SCS-AJ Linear Ball Bearing-slide Unit** 39
  直线滑块 **SCS-AJ**
- **SCE-AJ Linear Ball Bearing-slide Unit** 41
  直线滑块 **SCE-AJ**
- **SBR Linear Ball Bearing-slide Unit** 43
  直线滑块 **SBR**
- **TBR Linear Ball Bearing-slide Unit** 45
  直线滑块 **TBR**
- **SWA/SWD Linear Ball Bearing-slide Unit** 47
  直线滑块 **SWA/SWD...**
- **SWA/SWD-AL Linear Plain Bearing-slide Unit** 49
  直线滑块 **SWA/SWD...-AL**
- **SK Shaft Holder** 51
  轴支撑 **SK**
- **SHF Shaft Holder** 52
  轴支撑 **SHF**

SCS Linear Ball Bearing-slide Unit

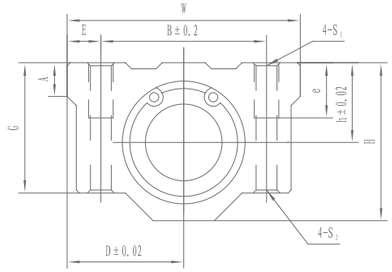
直线滑块 SCS

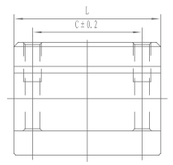
SCS..UU

SCS..LUU

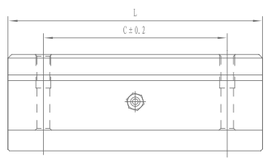
SCS..VUU

- ID sizes range from 8mm to 60mm
- Size Interchangeable with industry standards
- Low = of Friction
- Heat treated alloy steel shell
- Resin retainer for reduced noise
- Bearing housing is made of aluminum alloy and the surface is anodized
- Good temperature range: -4/ 176F (-20/ 80C)
- Double Seals included standard

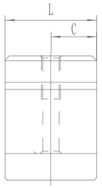




SCS..UU



SCS..LUU



SCS..VUU

标准型 Standard Type					长型 Long Type					短型 Short Type				
型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight (G)	型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight (G)	型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight (G)
		C(N)	Co(N)				C(N)	Co(N)				C(N)	Co(N)	
SCS8UU	LM8UU	260	400	56	SCS8LUU	2XLM8UU	410	800	94	SCV8UU	LM8UU	260	400	36
SCS10UU	LM10UU	370	540	90	SCS10LUU	2XLM10UU	590	1080	147	SCV10UU	LM10UU	370	540	63
SCS12UU	LM12UU	410	590	112	SCS12LUU	2XLM12UU	650	1180	220	SCV12UU	LM12UU	410	590	74
SCS13UU	LM13UU	500	770	123	SCS13LUU	2XLM13UU	800	1540	245	SCV13UU	LM13UU	500	770	85
SCS16UU	LM16UU	770	1170	189	SCS16LUU	2XLM16UU	1230	2340	376	SCV16UU	LM16UU	770	1170	132
SCS20UU	LM20UU	860	1370	237	SCS20LUU	2XLM20UU	1370	2740	476	SCV20UU	LM20UU	860	1370	170
SCS25UU	LM25UU	980	1560	555	SCS25LUU	2XLM25UU	1560	3120	1115	SCV25UU	LM25UU	980	1560	405
SCS30UU	LM30UU	1560	2740	685	SCS30LUU	2XLM30UU	2490	5480	1375	SCV30UU	LM30UU	1560	2740	495
SCS35UU	LM35UU	1660	3130	1100	SCS35LUU	2XLM35UU	2650	6260	2200	SCV35UU	LM35UU	1660	3130	790
SCS40UU	LM40UU	2150	4010	1600	SCS40LUU	2XLM40UU	3440	8020	3200	SCV40UU	LM40UU	2150	4010	1220
SCS50UU	LM50UU	3820	7930	3350	SCS50LUU	2XLM50UU	6110	15860	6720	SCV50UU	LM50UU	3820	7930	2300
SCS60UU	LM60UU	4700	10000	4270	SCS60LUU	2XLM60UU	7550	20000	8560	SCV60UU	LM60UU	4700	10000	3560

尺寸 Dimensions（mm）																型号 Model No.
轴径 Shaft Dia (mm)	普通 Normal size										SCS		SCSxL		SCSxV	
	h	D	W	H	G	A	B	E	S1xe	S2	C	L	Cw	Lw	Lv	
8	11	17	34	22	18	6	24	5	M4X8	3.4	18	30	42	58	15.4	SMA8UU
10	13	20	40	26	21	8	28	6	M5X12	4.3	21	35	46	68	19.5	SMA10UU
12	15	21	42	28	24	7.4	30.5	5.75	M5X12	4.3	26	36	50	70	20.5	SMA12UU
13	15	22	44	30	24.5	8	33	5.5	M5X12	4.3	26	39	50	75	20.5	SMA13UU
16	19	25	50	38.5	32.5	9	36	7	M5X12	4.3	34	44	60	85	23.5	SMA16UU
20	21	27	54	41	35	11	40	7	M6X12	5.2	40	50	70	96	27.4	SMA20UU
25	26	38	76	51.5	41	12	54	11	M8X18	6.8	50	67	100	130	37.4	SMA25UU
30	30	39	78	59.5	49	15	58	10	M8X18	6.8	58	72	110	140	40.9	SMA30UU
35	34	45	90	68	54	18	70	10	M8X18	6.8	60	80	120	155	45.4	SMA35UU
40	40	51	102	78	62	20	80	11	M10X25	8.6	60	90	140	175	56.4	SMA40UU
50	52	61	122	102	80	24	100	11	M10X25	8.6	80	110	160	215	68.9	SMA50UU
60	58	66	132	114	94	30	108	12	M12X25	10.7	90	122	180	240	78.8	SMA60UU

SCE Linear Ball Bearing-slide Unit

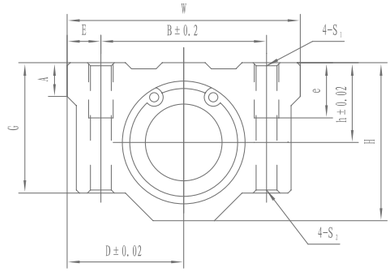
直线滑块 SCE

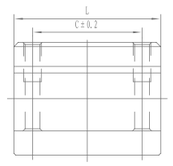
SCE..UU

SCE..LUU

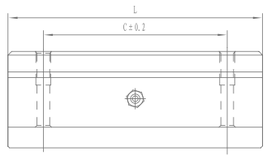
SCE..VUU

- ID sizes range from 8mm to 60mm
- Size Interchangeable with industry standards
- Low Coefficient of Friction
- Heat treated alloy steel shell
- Resin retainer for reduced noise
- Bearing housing is made of aluminum alloy and the surface is anodized
- Good temperature range: -4/ 176F (-20/ 80C)
- Double Seals included standard

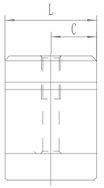




SCE..UU



SCE..LUU



SCE..VUU

标准型 Standard Type					长型 Long Type					短型 Short Type				
型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight G	型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight G	型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight G
		C(N)	Co(N)				C(N)	Co(N)				C(N)	Co(N)	
SCE8UU	LME8UU	260	400	60	SCE8LUU	2XLME8UU	410	800	98	SCE8VUU	LME8UU	260	400	40
SCE12UU	LME12UU	410	590	118	SCE12LUU	2XLME12UU	650	1180	232	SCE12VUU	LME12UU	410	590	82
SCE16UU	LME16UU	770	1170	180	SCE16LUU	2XLME16UU	1230	2340	360	SCE16VUU	LME16UU	770	1170	122
SCE20UU	LME20UU	860	1370	245	SCE20LUU	2XLME20UU	1370	2740	490	SCE20VUU	LME20UU	860	1370	176
SCE25UU	LME25UU	980	1560	550	SCE25LUU	2XLME25UU	1560	3120	1100	SCE25VUU	LME25UU	980	1560	400
SCE30UU	LME30UU	1560	2740	760	SCE30LUU	2XLME30UU	2490	5480	1525	SCE30VUU	LME30UU	1560	2740	570
SCE40UU	LME40UU	2150	4010	1700	SCE40LUU	2XLME40UU	3440	8020	3400	SCE40VUU	LME40UU	2150	4010	1320
SCE50UU	LME50UU	3820	7930	2950	SCE50LUU	2XLME50UU	6110	15860	5920	SCE50VUU	LME50UU	3820	7930	1900
SCE60UU	LME60UU	4700	10000	4800	SCE60LUU	2XLME60UU	7550	20000	–	SCE60VUU	LME60UU	4700	10000	–

尺寸 Dimensions（mm）																型号 Model No.
轴径 Shaft Dia (mm)	普通 Normal size										SCS		SCSxL		SCSxV	
	h	D	W	H	G	A	B	E	S1xe	S2	C	L	Cw	Lw	Lv	
8	11	17	34	22	18	6	24	5	M4X8	3.4	18	30	42	58	14.4	KBA8UU
12	15	22	44	30	24	8	33	5.5	M5X110	4.3	26	39	64	77	20.3	KBA10UU
16	19	25	50	38.5	32.5	9	36	7	M5X12	4.3	34	44	79	89	22.3	KBA12UU
20	21	27	54	41	35	11	40	7	M6X12	5.2	40	53	90	106	28.3	KBA13UU
25	26	38	76	51.5	41	12	54	11	M8X18	6.8	50	67	119	136	40.4	KBA16UU
30	30	39	78	59.5	49	15	58	10	M8X18	6.8	58	76	132	154	48.4	KBA20UU
40	40	51	102	78	62	20	80	11	M10X25	8.6	60	90	150	180	56.4	KBA25UU
50	52	61	122	102	80	24	100	11	M10X25	8.6	80	110	200	230	72.3	KBA30UU
60	58	66	132	114	94	30	108	12	M12X25	10.7	100	137	220	270	95.5	KBA35UU

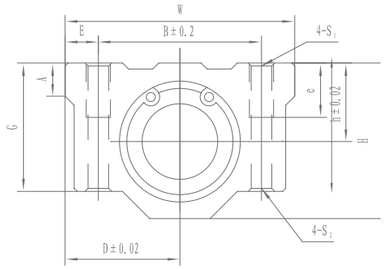
SCS-AJ Linear Ball Bearing-slide Unit

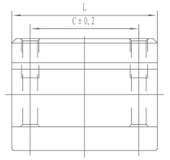
直线滑块 SCS-AJ

SCS..UU-AJ

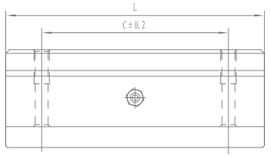
SCS..LUU-AJ

- ID sizes range from 8mm to 60mm
- Size Interchangeable with industry standards
- Low Coefficient of Friction
- Heat treated alloy steel shell
- Resin retainer for reduced noise
- Bearing housing is made of aluminum alloy and the surface is anodized
- Good temperature range: -4/ 176F (-20/ 80C)
- Double Seals included standard





SCS..UU-AJ



SCS..LUU-AJ

标准型 Standard Type					长型 Adjustable Type				
型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight G	型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight G
		dyn.C	stat.Co				C(N)	Co(N)	
SCS8UUAJ	LM08UUAJ	274	392	52	SC8LUUAJ	LM8UUAJ	410	800	94
SCS10UUAJ	LM10UUAJ	370	540	90	SC10LUUAJ	LM10UUAJ	590	1080	147
SCS12UUAJ	LM12UUAJ	410	590	112	SC12LUUAJ	LM12UUAJ	650	1180	220
SCS13UUAJ	LM13UUAJ	500	770	123	SC13LUUAJ	LM13UUAJ	800	1540	245
SCS16UUAJ	LM16UUAJ	770	1170	189	SC16LUUAJ	LM16UUAJ	1230	2340	376
SCS20UUAJ	LM20UUAJ	860	1370	237	SC20LUUAJ	LM20UUAJ	1370	2740	476
SCS25UUAJ	LM25UUAJ	980	1560	555	SC25LUUAJ	LM25UUAJ	1560	3120	1115
SCS30UUAJ	LM30UUAJ	1560	2740	685	SC30LUUAJ	LM30UUAJ	2490	5480	1375
SCS35UUAJ	LM35UUAJ	1660	3130	1100	SC35LUUAJ	LM35UUAJ	2650	6260	2200
SCS40UUAJ	LM40UUAJ	2150	4010	1600	SC40LUUAJ	LM40UUAJ	3440	8020	3200
SCS50UUAJ	LM50UUAJ	3820	7930	3350	SC50LUUAJ	LM50UUAJ	6110	15860	6720
SCS60UUAJ	LM60UUAJ	4700	10000	4270	SC60LUUAJ	LM60UUAJ	7550	20000	8560

尺寸 Dimensions（mm）																型号 Model No.
轴径 Shaft Dia (mm)	普通 Normal size									SCS-AJ			SCSxL-AJ			
	h	D	W	H	G	A	B	E	S1xe	C	L	S2	Cw	Lw	S2	
8	11	17	34	22	18	6	24	5	M4x8	18	30	3.4	42	58	3.4	SMA8UUAJ
10	13	20	40	26	21	8	28	6	M5x12	21	35	4.3	46	68	4.3	SMA10UUAJ
12	15	21	42	28	24	7.4	30.5	5.75	M5x12	26	36	4.3	50	70	4.3	SMA12UUAJ
13	15	22	44	30	24.5	8	33	5.5	M5x12	26	39	4.3	50	75	4.3	SMA13UUAJ
16	19	25	50	38.5	32.5	9	36	7	M5x12	34	44	4.3	60	85	4.3	SMA16UUAJ
20	21	27	54	41	35	11	40	7	M6x12	40	50	5.2	70	96	5.2	SMA20UUAJ
25	26	38	76	51.5	41	12	54	11	M8x18	50	67	7	100	130	7	SMA25UUAJ
30	30	39	78	59.5	49	15	58	10	M8x18	58	72	7	110	140	7	SMA30UUAJ
35	34	45	90	68	54	18	70	10	M8x18	60	80	7	120	155	7	SMA35UUAJ
40	40	51	102	78	62	20	80	11	M10x25	60	90	8.7	140	175	8.7	SMA40UUAJ
50	52	61	122	102	80	24	100	11	M10x25	80	110	8.7	160	215	8.7	SMA50UUAJ
60	58	66	132	114	94	30	108	12	M12x25	90	122	10.7	180	240	10.7	SMA60UUAJ

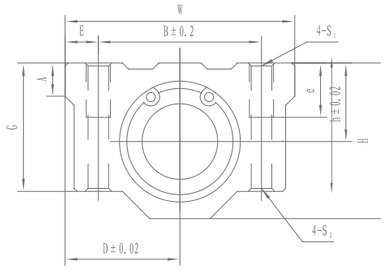
SCE-AJ Linear Ball Bearing-slide Unit

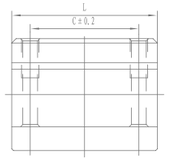
直线滑块 SCE-AJ

SCE..UU-AJ

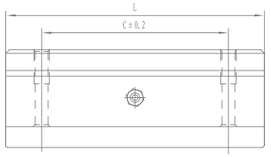
SCE..LUU-AJ

- ID sizes range from 8mm to 60mm
- Size Interchangeable with industry standards
- Low Coefficient of Friction
- Heat treated alloy steel shell
- Resin retainer for reduced noise
- Bearing housing is made of aluminum alloy and the surface is anodized
- Good temperature range: -4/ 176F (-20/ 80C)
- Double Seals included standard





SCE.. UU-AJ



SCE..LUU-AJ

标准型 Standard Type					长型 Long Type				
型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight G	型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight G
		dyn.C	stat.Co				C(N)	Co(N)	
SCE8UUAJ	LME8UUAJ	260	400	52	SCE8LUUAJ	LME8UUAJ	410	800	94
SCE12UUAJ	LME12UUAJ	410	590	112	SCE10LUUAJ	LME10UUAJ	590	1080	147
SCE16UUAJ	LME16UUAJ	770	1170	189	SCE12LUUAJ	LME12UUAJ	650	1180	220
SCE20UUAJ	LME20UUAJ	860	1370	237	SCE16LUUAJ	LME16UUAJ	1230	2340	376
SCE25UUAJ	LME25UUAJ	980	1560	555	SCE20LUUAJ	LME20UUAJ	1370	2740	476
SCE30UUAJ	LME30UUAJ	1560	2740	685	SCE25LUUAJ	LME25UUAJ	1560	3120	1115
SCE40UUAJ	LME40UUAJ	2150	4010	1600	SCE30LUUAJ	LME30UUAJ	2490	5480	1375
SCE50UUAJ	LME50UUAJ	3820	7930	3350	SCE40LUUAJ	LME40UUAJ	3440	8020	3200
SCE60UUAJ	LME60UUAJ	4700	10000	4270	SCE50LUUAJ	LME50UUAJ	6110	15860	6720

尺寸 Dimensions（mm）															型号 Model No.
轴径 Shaft Dia (mm)	普通 Normal size										SCE_AJ		SCExL_AJ		
	h	D	W	H	G	A	B	E	S1Xe	S2	C	L	Cw	Lw	
8	11	17	34	22	18	6	24	5	M4X8	3.4	18	30	42	58	KBA8UUAJ
12	15	22	44	30	24.5	8	33	5.5	M5X12	4.3	26	39	64	77	KBA12UUAJ
16	19	25	50	38.5	32.5	9	36	7	M5X12	4.3	34	44	79	89	KBA16UUAJ
20	21	27	54	41	35	11	40	7	M6X12	6.2	40	53	90	106	KBA20UUAJ
25	26	38	76	51.5	41	12	54	11	M8X18	7	50	67	119	136	KBA25UUAJ
30	30	39	78	59.5	49	15	58	10	M8X18	7	58	76	132	154	KBA30UUAJ
40	40	51	102	78	62	20	80	11	M10X25	8.7	60	90	150	180	KBA40UUAJ
50	52	61	122	102	80	24	100	11	M10X25	8.7	80	110	200	230	KBA50UUAJ
60	58	66	132	114	94	30	108	12	M12X25	10.7	100	137	220	270	KBA60UUAJ

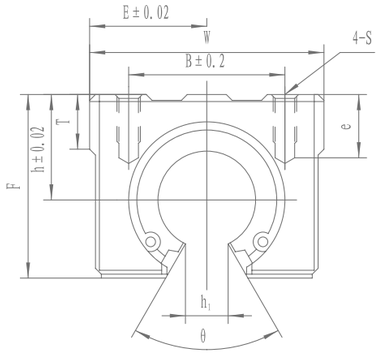
SBR Linear Ball Bearing-slide Unit

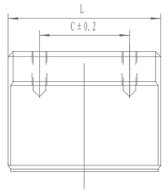
直线滑块 SBR

SBR..UU /SBR..UU-P
(P: with metal cover)

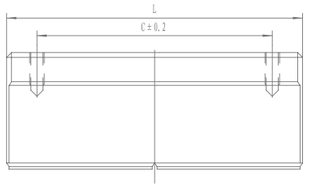
SBR..LUU

- ID sizes range from 10mm to 50mm
- Size Interchangeable with industry standards
- Low Coefficient of Friction
- Heat treated alloy steel shell
- Resin retainer for reduced noise
- Bearing housing is made of aluminum alloy and the surface is anodized
- Good temperature range: -4/ 176F (-20/ 80C)
- Double Seals included standard





SBR..UU



SBR..LUU

标准型 Standard Type					长型 Long Type				
型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight G	型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight G
		dyn.C	stat.Co				C(N)	Co(N)	
SBR 10UU	LM 10UU-OP	372	549	65	SBR 10LUU	LM 10UU-OP	774	1020	130
SBR 12UU	LM 12UU-OP	500	770	100	SBR 12LUU	LM 12UU-OP	1020	1548	200
SBR 13UU	LM 13UU-OP	510	784	100	SBR 12LUU	LM 13UU-OP	1020	1548	200
SBR 16UU	LM 16UU-OP	774	1180	150	SBR 16LUU	LM 16UU-OP	1548	2360	300
SBR 20UU	LM 20UU-OP	882	1370	200	SBR 20LUU	LM 20UU-OP	1760	2740	400
SBR 25UU	LM 25UU-OP	980	1570	450	SBR 25LUU	LM 25UU-OP	1960	3140	900
SBR 30UU	LM 30UU-OP	1570	2740	630	SBR 30LUU	LM 30UU-OP	3140	5480	1260
SBR 35UU	LM 35UU-OP	1670	3140	925	SBR 35LUU	LM 35UU-OP	3340	6280	1850
SBR 40UU	LM 40UU-OP	2160	4020	1330	SBR 40LUU	LM 40UU-OP	4320	8040	2660
SBR 50UU	LM 50UU-OP	3820	7940	3000	SBR 50LUU	LM 50UU-OP	7640	15880	6000

尺寸 Dimensions（mm）															型号 Model No.
轴径 Shaft Dia (mm)	普通 Normal size										SBR_UU		SBR_LUU		
	h	E	W	F	T	h1	O	B	S	e	C	L	Cw	Lw	
10	15	18	36	24	7	6	80	25	M5	10	20	32	46	68	SME10UU
12	17	20	40	27.6	8	8.5	80	28	M5	10	26	39	50	75	SME12UU
13	17	20	40	27.6	8	8.5	80	28	M5	10	26	39	–	–	SME13UU
16	20	22.5	45	33	9	10	80	32	M5	12	30	45	60	85	SME16UU
20	23	24	48	39	11	10	60	35	M6	12	35	50	70	96	SME20UU
25	27	30	60	47	14	11.5	50	40	M6	12	40	65	100	130	SME25UU
30	33	35	70	56	15	14	50	50	M8	18	50	70	110	140	SME30UU
35	37	40	80	63	18	16	50	55	M8	18	55	80	120	155	SME35UU
40	42	45	90	72	20	19	50	50	M10	20	65	90	140	175	SME40UU
50	53	60	120	92	25	23	50	50	M10	20	80	110	160	215	SME50UU

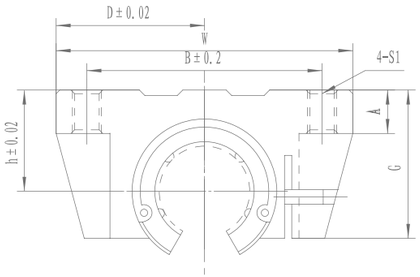
TBR Linear Ball Bearing-slide Unit

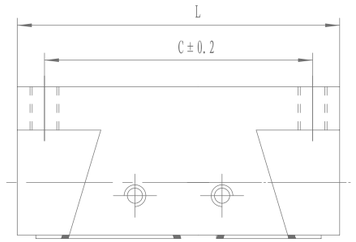
直线滑块 TBR

TBR..UU

TBR..LUU

- ID sizes range from 16mm to 30mm
- Size Interchangeable with industry standards
- Low Coefficient of Friction
- Heat treated alloy steel shell
- Resin retainer for reduced noise
- Bearing housing is made of aluminum alloy and the surface is anodized
- Good temperature range: -4/ 176F (-20/ 80C)
- Double Seals included standard



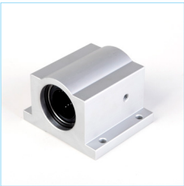


标准型 Standard Type					长型 Long Type				
型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight G	型号 Model No.	装配之轴承 Bearing No.	额定载荷 Basic Load Rating		重量 Weight G
		dyn.C	stat.Co				C(N)	Co(N)	
TBR16UU	LM 16UU-OP	392	490	160	TBR16LUU	LM 16UU-OP	780	980	300
TBR20UU	LM 20UU-OP	784	1176	220	TBR20LUU	LM 20UU-OP	1568	2352	415
TBR25UU	LM 25UU-OP	1568	2352	470	TBR25LUU	LM 25UU-OP	3136	4704	940
TBR30UU	LM 30UU-OP	1764	2940	620	TBR30LUU	LM 30UU-OP	3528	5880	1340

尺寸 Dimensions（mm）										
普通 Normal size							TBR_UU		TBR_LUU	
D	h	W	G	A	B	S1	C	L	Cw	Lw
31	18	62	26	8	50	M5	30	42	60	85
34	21	68	31	10	54	M6	37	51	70	96
41	28	82	41	12	65	M8	50	65	100	130
45.5	33.5	91	48	12	75	M8	60	75	110	140

SWA/SWD Linear Ball Bearing-slide Unit

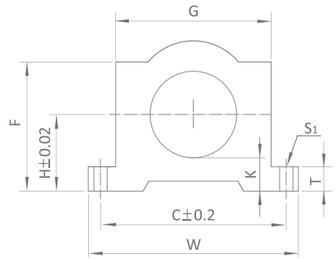
直线滑块 SWA/SWD...



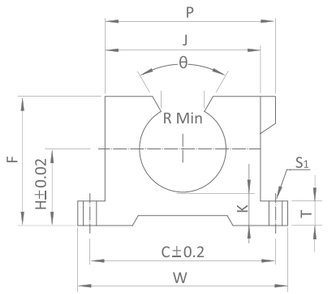
SWA

SWD

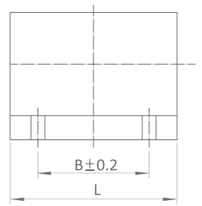
- ID sizes range from 1/2 inch to 2 inch
- Size Interchangeable with industry standards
- Low Coefficient of Friction
- Heat treated alloy steel shell
- Resin retainer for reduced noise
- Bearing housing is made of aluminum alloy and the surface is anodized
- Good temperature range: -4/ 176F (-20/ 80C)
- Double Seals included standard



SWA



SWD

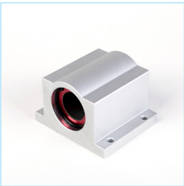


型号 Model No.	轴径 d Shaft Dia (inch)	主要尺寸 (mm) Major Dimensions					安装尺寸 (mm) Mounting Dimensions					额定载荷 Basic Load Rating			重量 Weight (G)
		H	W	L	F	T	G	K	B	C	S1	Bearing No.	C (kgf)	Co (kgf)	
SWA 08	1/2"	17.45	50.8	42.88	28.58	6.35	34.93	6.342	25.4	42.88	3.94	SW 08	52	80	130
SWA 10	5/8"	22.22	63.5	49.2	36.5	7.14	44.45	7.94	28.58	53.98	4.7	SW 10	79	120	200
SWA 12	3/4"	23.8	69.85	52.4	39.67	7.92	47.63	7.925	31.75	63.325	4.7	SW 12	88	140	280
SWA 16	1"	30.15	82.55	71.45	49.2	9.53	60.325	10.3	44.45	73.03	5.5	SW 16	100	160	610
SWA 20	1-1/4"	38.1	101.6	92.08	63.5	11.1	76.2	12.705	50.8	88.9	5.5	SW 20	160	280	1170
SWA 24	1-1/2"	44.45	120.65	101.6	74.6	12.7	88.9	14.29	63.5	104.78	7.1	SW 24	220	410	1740
SWA 32	2"	53.98	152.4	127	92.08	15.88	114.3	15.875	82.55	133.35	10.31	SW 32	390	810	2950

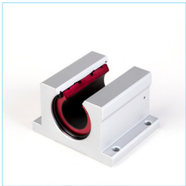
型号 Model No.	轴径 d Shaft Dia (inch)	主要尺寸 (mm) Major Dimensions							安装尺寸 (mm) Mounting Dimensions						额定载荷 Basic Load Rating			重量 Weight (G)
		H	W	L	F	T	R	θ	K	J	P	B	C	S1	Bearing No.	C (kgf)	Co (kgf)	
SWD 08	1/2"	17.45	50.8	38.1	28.5	6.53	10.64	60	6.342	35.75	36.5	25.4	42.88	3.96	SW 08-OP	52	80	100
SWD 10	5/8"	22.22	63.5	44.45	36.53	7.11	13.49	60	7.942	44.5	46.04	28.57	53.97	4.75	SW 10-OP	79	120	190
SWD 12	3/4"	23.8	69.85	47.6	39.7	7.87	15.87	60	7.925	48.41	49.98	31.75	63.325	4.75	SW 12-OP	88	140	230
SWD 16	1"	30.15	82.55	66.67	50.8	9.65	19.3	60	10.3	61.11	62.69	44.45	73.03	5.54	SW 16-OP	100	160	525
SWD 20	1-1/4"	38.1	101.6	85.72	63.5	11.1	24.2	60	12.705	76.2	78.58	50.8	88.9	5.54	SW 20-OP	160	280	980
SWD 24	1-1/2"	44.45	120.65	95.25	74.6	12.7	30.16	60	14.29	88.9	90.48	63.5	104.78	7.137	SW 24-OP	220	410	1420
SWD 32	2"	53.98	152.4	120.65	91.96	15.88	37.91	60	15.875	114	119	82.55	133.35	10.31	SW 32-OP	390	810	2630

SWA/SWD-AL Linear Plain Bearing-slide Unit

直线滑块 SWA/SWD...-AL

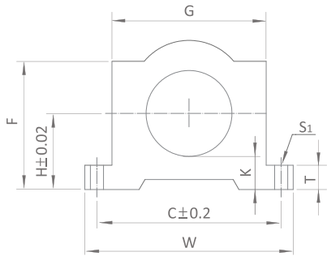


SWA-AL

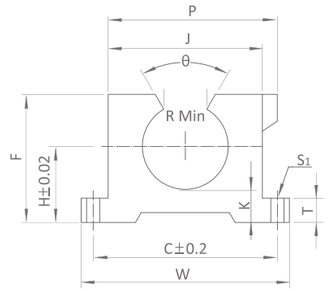


SWD-AL

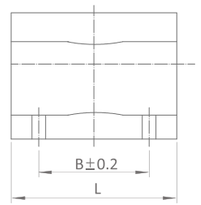
- ID sizes range from 1/2 inch to 2 inch
- Size Interchangeable with industry standards
- Low Coefficient of Friction 0.03~0.2
- 6061-T6 aluminum alloy shell with PTFE anti-friction lining
- Bearing housing is made of aluminum alloy and the surface is anodized
- Pre-assembled block have self-aligning feature
- Max sliding speed 2m/s
- Good temperature range: -100/ 250C



SWA-AL



SWD-AL

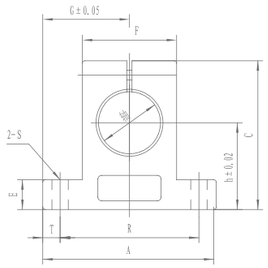


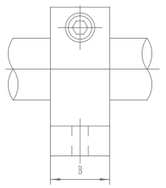
型号 Model No.	轴径 d Shaft Dia (inch)	主要尺寸 (mm) Major Dimensions					安装尺寸 (mm) Mounting Dimensions					额定载荷 Basic Load Rating		重量 Weight (G)
		H	W	L	F	T	G	K	B	C	S1	Bearing No.	Max Static Load (kgf)	
SWA 08-AL	1/2"	17.45	50.8	42.88	28.58	6.35	34.93	6.342	25.4	42.88	3.94	SW 08-AL	880	110
SWA 10-AL	5/8"	22.22	63.5	49.2	36.5	7.14	44.45	7.94	28.58	53.98	4.7	SW 10-AL	1330	220
SWA 12-AL	3/4"	23.8	69.85	52.4	39.67	7.92	47.63	7.925	31.75	63.325	4.7	SW 12-AL	1680	260
SWA 16-AL	1"	30.15	82.55	71.45	49.2	9.53	60.325	10.3	44.45	73.03	5.5	SW 16-AL	3200	450
SWA 20-AL	1-1/4"	38.1	101.6	92.08	63.5	11.1	76.2	12.705	50.8	88.9	5.5	SW 20-AL	4670	900
SWA 24-AL	1-1/2"	44.45	120.65	101.6	74.6	12.7	88.9	14.29	63.5	104.78	7.1	SW 24-AL	6400	1360
SWA 32-AL	2"	53.98	152.4	127	92.08	15.88	114.3	15.875	82.55	133.35	10.31	SW 32-AL	11380	2950

型号 Model No.	轴径 d Shaft Dia (inch)	主要尺寸 (mm) Major Dimensions							安装尺寸 (mm) Mounting Dimensions						额定载荷 Basic Load Rating		重量 Weight (G)
		H	W	L	F	T	R Min	θ	K	J	P	B	C	S1	Bearing No.	Max Stat.Co (kgf)	
SWD 08-AL	1/2"	17.45	50.8	38.1	28.5	6.53	7.95	60	6.342	35.75	36.5	25.4	42.88	3.96	SW 08-AL-OP	880	90
SWD 10-AL	5/8"	22.22	63.5	44.45	36.53	7.11	9.525	60	7.942	44.5	46.04	28.57	53.97	4.75	SW 10-AL-OP	1330	200
SWD 12-AL	3/4"	23.8	69.85	47.6	39.7	7.87	11.125	60	7.925	48.41	49.98	31.75	63.325	4.75	SW 12-AL-OP	1680	210
SWD 16-AL	1"	30.15	82.55	66.67	50.8	9.65	14.3	60	10.3	61.11	62.69	44.45	73.03	5.54	SW 16-AL-OP	3200	360
SWD 20-AL	1-1/4"	38.1	101.6	85.72	63.5	11.1	15.875	60	12.705	76.2	78.58	50.8	88.9	5.54	SW 20-AL-OP	4670	710
SWD 24-AL	1-1/2"	44.45	120.65	95.25	74.6	12.7	19.05	60	14.29	88.9	90.48	63.5	104.78	7.137	SW 24-AL-OP	6400	1040
SWD 32-AL	2"	53.98	152.4	120.65	91.96	15.88	25.4	60	15.875	114	119	82.55	133.35	10.31	SW 32-AL-OP	11380	2650

SK Shaft Holder
轴支撑 SK

SK



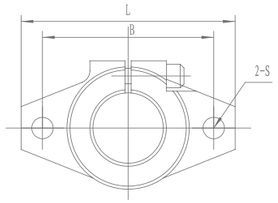


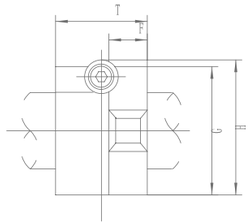
- Available in metric sizes from 8mm thru 60mm
- Instant bolt-down installation

型号 Model No.	轴径 Shaft Dia (mm)	主要尺寸 Basic Load Rating										锁紧螺栓 Clamping bolt size	安装螺栓 Mounting bolt	重量 Weight (g)
		h	G	A	B	C	E	F	T	R	S			
SK 8	8	20	21	42	14	32.8	6	18	5	32	5.5	M4	M5	24
SK 10	10	20	21	42	14	32.8	6	18	5	32	5.5	M4	M5	24
SK 12	12	23	21	42	14	37.5	6	20	5	32	5.5	M4	M5	30
SK 13	13	23	21	42	14	37.5	6	20	5	32	5.5	M4	M5	30
SK 16	16	27	24	48	16	44	8	25	5	38	5.5	M4	M5	40
SK 20	20	31	30	60	20	51	10	30	7.5	45	6.6	M5	M6	70
SK 25	25	35	35	70	24	60	12	38	7	56	6.6	M6	M6	130
SK 30	30	42	42	84	28	70	12	44	10	64	9	M6	M8	180
SK 35	35	50	49	98	32	82	15	50	12	74	11	M8	M10	270
SK 40	40	60	57	114	36	96	15	60	12	90	11	M8	M10	420
SK 50	50	70	63	126	40	120	18	74	13	100	14	M12	M12	750
SK 60	60	80	74	148	45	136	18	90	14	120	14	M12	M12	1100

SHF Shaft Holder
轴支撑 SHF

SHF





- Available in metric sizes from 8mm thru 60mm
- Instant bolt-down installation

型号 Model No.	轴径 Shaft Dia (mm)	主要尺寸 Basic Load Rating							锁紧螺栓 Clamping bolt size	安装螺栓 Mounting bolt	重量 Weight (g)
		L	T	F	H	G	B	S			
SHF8	8	43	10	–	24	–	32	5.5	M4	M5	13
SHF10	10	43	10	5	24	20	32	5.5	M4	M5	13
SHF12	12	47	13	7	28	25	36	5.5	M4	M5	20
SHF13	13	47	13	7	28	25	36	5.5	M4	M5	20
SHF16	16	50	16	8	31	28	40	5.5	M4	M5	27
SHF20	20	60	20	8	37	34	48	7	M5	M6	40
SHF25	25	70	25	10	42	40	56	7	M5	M6	60
SHF30	30	80	30	12	50	46	64	9	M6	M8	110
SHF35	35	92	35	14	58	50	72	12	M8	M10	380
SHF40	40	105	40	16	67	56	80	12	M10	M10	510
SHF50	50	122	50	19	83	70	96	14	M12	M12	890
SHF60	60	140	60	23	95	82	112	14	M12	M12	1500