

SLWE-BB – With ball bearing lead screw supports



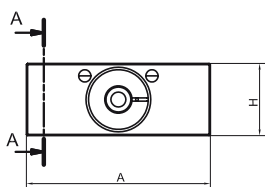
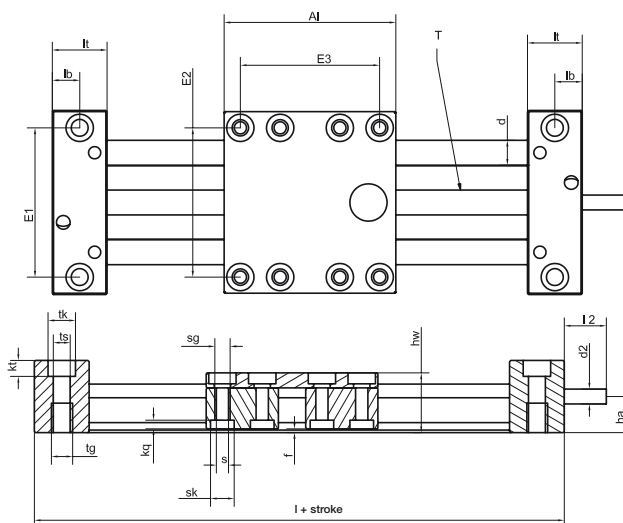
- Lower drive force
- Optimized clearance
- Up to 1.500 rpm (depending on length and load)
- Aluminium drylin® W guide rails, hard anodized
- Quiet operation – reduced vibration of the overall system
- Ball bearings in both shaft end supports
- Available accessories ► [page 1203](#)
- Lead screw nuts are available separately ► [page 1097](#)



Order key

complete ► [page 1184](#)

SLWE-BB-1040



► [page 1227](#)

Technical Data

Part number	Design**	Max. length	Weight	Additional	Max. static		Max.	Max.		
		of stroke			(per 100 mm)	load capacity			rotation speed	feed rate
		[mm]			[kg]	[kg]			axial [N]	radial [N]
SLW-BB-0630	■	300	0.25	0.08	100	200	1,000	1.5		
SLWE-BB-1040	●	500	0.90	0.10	500	2,000	1,500	3.0		
SLWE-BB-1080	●	500	1.10	0.20	500	2,000	1,500	3.0		
SLWE-BB-1660	●	750	1.80	0.30	700	2,800	1,500	6.0		
SLWE-BB-2080	●	900	3.30	0.40	1,250	5,000	1,500	6.0		

Dimensions [mm]

Part number	A	Al	H	E1	E2	E3	I	hw	f	lt	lb	tk	ts	tg
	-0.3	-0.3		±0.15	±0.15	±0.15				±0.1				
SLW-BB-0630	54	60	20	40	45	51	112	18	1.2	26	14	11	6.2	M8
SLWE-BB-1040	74	69	29	60	60	56	129	24	1.5	30	19	11	6.8	M8
SLWE-BB-1080	108	100	29	94	94	87	144	24	1.5	30	19	11	6.8	M8
SLWE-BB-1660	104	100	37	84	86	82	170	35	1.5	35	22.5	15	9.0	M10
SLWE-BB-2080	134	150	46	116	116	132	230	44	1.5	40	26	15	8.6	M10
Part number	kt	sk	sg	kq	s	d	T	I2		d2		d2*		ha
	±0.1									Standard				
SLW-BB-0630	8.0	7.0	M4	2.0	4.5	6,0	TR8x1.5	15		TR8x1.5		–		9.5
SLWE-BB-1040	6.4	9.5	M6	4.4	6.6	10	TR10x2	17		TR10x2		6 h9		14.5
SLWE-BB-1080	6.4	9.5	M6	4.4	6.6	10	TR 10x2	17		TR 10x2		6 h9		14.5
SLWE-BB-1660	8.6	11.0	M8	5.5	9.0	16	TR14x4	20		TR14x4		8 h9		18.5
SLWE-BB-2080	8.6	14.0	M8	5.5	9.0	20	TR18x4	26		12 h9		–		23.0

* optional machined lead screw end ** Square double rails [page 958](#), round double rails [page 962](#)

1178 Lifetime calculation, CAD files and much more support ► www.igus.eu/eu/drylinSLW