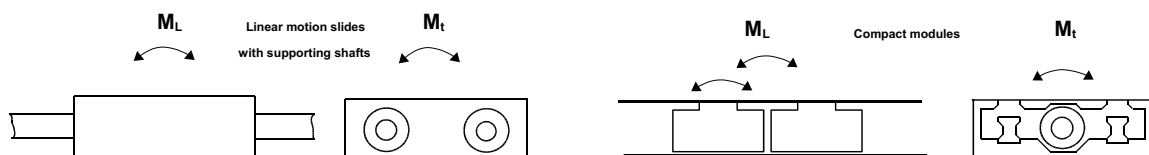


BOSCH REXROTH LINEAR MOTION SLIDES



LB16 Series LB16N05-xxxx (SGO/SGK 16-100)	CKK12 Series CKK12S05-xxxx (CKK 12-90)	CKK20 Series CKK20S05-xxxx (CKK 20-145)
LB16 - linear motion slide with \varnothing 16 mm supporting shafts N - no cover, C - cover 05 - ball screw lead (mm), 00 - no drive unit xxxx - length (mm)	CKK12 - compact module with guideway width approx. 12 mm S - one carriage, D - two carriages 05 - ball screw lead (mm) xxxx - length (mm)	CKK20 - compact module with guideway width approx. 20 mm S - one carriage, D - two carriages 05 - ball screw lead (mm) xxxx - length (mm)
General Description		
Linear motion slides with supporting shafts provide high carrying capability. The motion systems with shaft diameter 16 mm are suitable for light and medium load applications and achieve good price/performance ratio.	Compact modules are ready-to-mount precision guide systems offering outstanding performance within a compact envelope, small dimensions, and excellent price/performance ratio. The compact module contains one or two carriages according to application load requirements.	
Where To Use		
Linear motion slides are designed to change rotary motion to linear load motion in positional applications. The ball screw leads choice determines linear motion force and velocity by using the same motor torque. The stepper motor/linear motion slide combination offers precise and cost effective linear motion system.		
Ball Screw - Diameter x Lead		
12 mm x 5 (10) mm/rev.	12 mm x 5 (10) mm/rev.	20 mm x 5 (20) mm/rev. 25 mm x 10 mm/rev.
Max. Dynamic Design Load		
3 050 N	7 500 N (2 carriages), 4 620 N (1 carriage)	61 080 N (2 carriages), 37 600 N (1 carr.)
As far as the desired service life concerned, loads of up to approximately 20% of the dynamic load and moment values have proved acceptable.		
Dynamic Moments M_L (Nm) [M_t (Nm)] (see pictures below)		
87 [82]	240 (2 carriages), 16 (1 carriage) [200 (2 carriages), 125 (1 carriage)]	3 050 (2 carriages), 255 (1 carriage) [2 685 (2 carriages), 1 650 (1 carriage)]
Max. Length		
1 500 mm	750 mm	1 800 mm



The Bosch Rexroth product catalogue is available for further details. See the effective price list for stock items.