LBCM - 16 - S

Linear Bearing Closed Metric

LBCM - Asian JIS Super Metric Bearing

Nominal Diameter

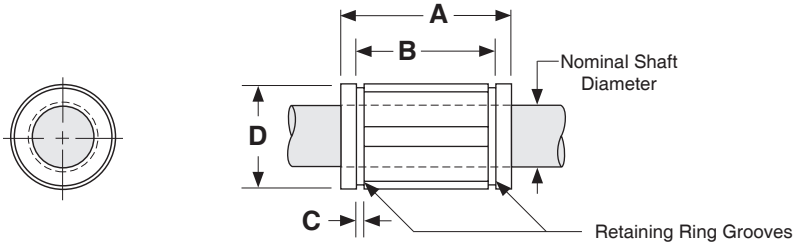
16 - 16 mm diameter
20 - 20 mm diameter
25 - 25 mm diameter
30 - 30 mm diameter
40 - 40 mm diameter

Bearing Options

- No seals
S - Seals at both ends

Dimensions & Specifications: LBCM Linear Bearing Closed Metric (Asian Style)

Model Number		Nominal Shaft Diameter	Dynamic (1) Load Capacity	Housing (2) Bore D	Dimensions (mm)			No. of Ball Tracks	Bearing Weight
Without Seals	With Seals	(mm)	N (Kgf)	(mm)	A	B	C		(kg)
LBCM-16	LBCM-16-S	16	1225 (119,9)	28	37	26,5	1,60	5	0,034
LBCM-20	LBCM-20-S	20	2303 (239,8)	32	42	30,5	1,60	6	0,058
LBCM-25	LBCM-25-S	25	4312 (459,6)	40	59	41,0	1,85	6	0,120
LBCM-30	LBCM-30-S	30	4802 (569,6)	45	64	44,5	1,85	6	0,148
LBCM-40	LBCM-40-S	40	9310 (949,3)	60	80	60,5	2,10	6	0,314



(1) Rating based upon 50 km of travel with the load forces being applied downward on the linear bearing, while in a horizontal application, and based upon 1060 steel shafting (Rockwell 60C).
(2) This specification is based upon the bearing being on the shaft.

Operating Temperature	-17.8° C to + 85° C
Maximum Speed	2,74 meters/second
Matching Shaft	Metric Diameters (SM series), hardened & ground shafting

Housing Tolerances

Nominal Shaft Diameter (mm)	Recommended Housing Bore D (mm)
16	28,10 / 28,03
20	32,10 / 32,05
25	40,10 / 40,05
30	45,15 / 45,05
40	60,15 / 60,05