LBOM - 16 - S

Linear Bearing Open Metric

LBOM - Asian JIS Super Metric Bearing

Nominal Diameter

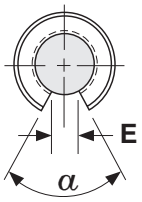
16 - 16 mm diameter
20 - 20 mm diameter
25 - 25 mm diameter
30 - 30 mm diameter
40 - 40 mm diameter

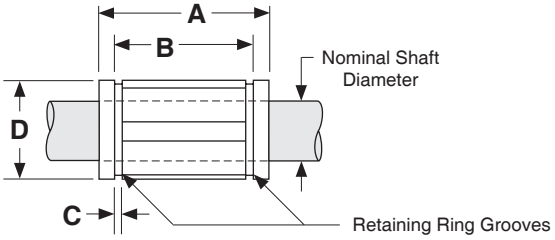
Bearing Options

- No seals
S - Seals at both ends

Dimensions & Specifications: LBOM Linear Bearing Open Metric (Asian Style)

Model Number		Nominal Shaft Diameter	Dynamic (1) Load Capacity	Housing (2) Bore D	Dimensions (mm)				Angle	No. of Ball Tracks	Bearing Weight
Without Seals	With Seals	(mm)	N (Kgf)	(mm)	A	B	C	E min.	α		(kg)
LBOM-16	LBOM-16-S	16	1372 (139,9)	28	37	26,5	1,60	11,0	60^0	4	0,026
LBOM-20	LBOM-20-S	20	2332 (237,8)	32	42	30,5	1,60	11,0	60^0	5	0,048
LBOM-25	LBOM-25-S	25	4351 (443,7)	40	59	41,0	1,85	12,5	60^0	5	0,100
LBOM-30	LBOM-30-S	30	4851 (494,7)	45	64	44,5	1,85	15,0	60^0	5	0,122
LBOM-40	LBOM-40-S	40	9408 (959,3)	60	80	60,5	2,15	20,0	60^0	5	0,260





(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^o C to $+85^o$ 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