



EWELLIX Linear ball bushing Open With sealing Series: LBCT..-2LS

Linear ball bearings are available in compact LBB range (ISO series 1) and standard LBC range (ISO series 3). Series 3 linear ball bearings include the advanced cylindrical LBCR and LBCT design, the self-aligning LBCD and LBCF design and the LBHT design with extra high load carrying capacity. The bearings consist of a polymer cage with steel raceway segments to guide and recirculate the ball sets within the complete cage. Any of the bearings in the ISO series 3 are available in a standard and corrosion resistant version, with an integral double lip seal to provide maintenance-free operation under normal conditions. These linear ball bearings are interchangeable with all former series 3 bearings.

Type LBCT

Open design linear ball bearing (ISO series 3) available diameter from 12 to 80 mm. Optimized for rigidity and high performance while easy to mount. Made for long distance strokes with supported shafts. LBCT linear ball bearings are used in applications where several shaft supports, or a continuous shaft support is needed to prevent shaft bending. Due to the open design of the LBCT bearing, one raceway segment is eliminated. However, this does not have a significant effect on its load carrying capacity. The sealed variant is fitted with integral double lip seals. These seals have an inner lip to keep lubricant in the bearing; the outer lip acts like a wiper seal to keep contaminants out of the bearing. Unsealed bearings are fitted with non-contacting shields to protect the bearing from large contaminant particles. LBCT linear ball bearings are also available with stainless steel balls and raceways for wet or corrosive environments. The stainless steel variant is identified by a HV6 suffix in the designation.

Characteristics

Series: LBCT..-2LS

Model: Open

With sealing: Yes

Manufacturer ID	Shaft diameter mm	Outer diameter mm	Length mm	Article
LBCT 40 A-2LS	40	62	80	23773079
LBCT 50 A-2LS	50	75	100	23773080
LBCT 60 A-2LS	60	90	125	24024481
LBCT 80 A-2LS	80	120	165	24024489
LBCT 12 D-2LS				13701667

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