



EWELLIX Linear ball bushing Closed Corrosion resistant With sealing Series: LBCR..-2LS/HV6

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 LBCR

Standard linear ball bearing (ISO series 3) available diameter from 5 to 80 mm. Covering all sizes for widest application flexibility. Optimized for rigidity and high performance while easy to mount. LBCR linear ball bearings consist of a cage and raceway segments to guide the balls and either seals or shields. By virtue of their exceptionally long track length and the machined raceway osculation, they are able to accommodate heavy loads. These linear ball bearings can be mounted in closed as well as adjustable housings. 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. LBCR 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: LBCR..-2LS/HV6

Model: Closed

With sealing: Yes

Corrosion resistant: Yes

Application

- Recommended in: Food & Beverages

Manufacturer ID	Shaft diameter mm	Outer diameter mm	Length mm	Article
LBCR 5-2LS/HV6	5	12	22	12101867
LBCR 8-2LS/HV6	8	16	25	12101870
LBCR 12 D-2LS/HV6	12	22	32	13189876
LBCR 16 D-2LS/HV6	16	26	36	13189884
LBCR 20 D-2LS/HV6	20	32	45	13217044
LBCR 25 D-2LS/HV6	25	40	58	13189898
LBCR 30 D-2LS/HV6	30	47	68	13189905
LBCR 40 D-2LS/HV6	40	62	80	13189914

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