

EWELLIX Linear ball bushing Closed Corrosion resistant Series: LBBR../HV6



Linear ball bearings are available in compact LBB range (ISO series 1) and standard LBC range (ISO series 3). The bearings consist of a polymer cage with steel raceway segments to guide and recirculate the ball sets within the complete cage. The range is available with or without seals, in standard and open types as well as in corrosion resistant versions.

Type LBBR

Compact linear ball bearing (ISO series 1) available diameter from 3 to 50 mm, easy to mount with press fit in Motion Technologies units and optimized cost performance relation. The LBBR raceway segments have been designed to fully utilize the entire length of the load zone to increase bearing capacity and extend bearing service life. The plastic cage has been redesigned to provide optimum performance. All ball recirculations are designed to offer no resistance to the cage on the running-in and runout of the recirculation. The redesigned cage also accommodates larger balls to provide increased load capacity and service life. These bearings with or without seals are available in a standard version as well as a corrosion resistant version. 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. LBBR 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: LBBR../HV6

Model: Closed

With sealing: No

Corrosion resistant: Yes

Application

- Recommended in: Food & Beverages

Manufacturer ID	Shaft diameter mm	Outer diameter mm	Length mm	Article
LBBR 3/HV6-C004	3	7	10	24024241
LBBR 4/HV6-C004	4	8	12	24024250
LBBR 5/HV6-C004	5	10	15	24024258
LBBR 6 A/HV6	6	12	22	24024267
LBBR 8/HV6	8	15	24	24024271
LBBR 10/HV6	10	17	26	24024224
LBBR 12/HV6	12	19	28	24024226
LBBR 14/HV6	14	21	28	24024229
LBBR 16/HV6	16	24	30	24024232
LBBR 20/HV6	20	28	30	24024235
LBBR 25/HV6	25	35	40	23773115
LBBR 30/HV6	30	40	50	23773119
LBBR 40/HV6	40	52	60	23773123
LBBR 50/HV6	50	62	70	24024260

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