



EWELLIX Linear ball bushing Closed With sealing Series: LBBR..-2LS

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..-2LS

Model: Closed

With sealing: Yes

Manufacturer ID	Shaft diameter mm	Outer diameter mm	Length mm	Article
LBBR 3-2LS-C004	3	7	10	24024245
LBBR 4-2LS-C004	4	8	12	24024253
LBBR 5-2LS-C004	5	10	15	24024263
LBBR 6 A-2LS	6	12	22	23773439
LBBR 8-2LS	8	15	24	23773413
LBBR 8-2LS-C360	8	15	24	13217017
LBBR 10-2LS	10	17	26	23773424
LBBR 12-2LS	12	19	28	23773106
LBBR 14-2LS	14	21	28	23773415
LBBR 16-2LS	16	24	30	23773109
LBBR 20-2LS	20	28	30	23773112
LBBR 25-2LS	25	35	40	23773116
LBBR 30-2LS	30	40	50	23773120
LBBR 40-2LS	40	52	60	23773125
LBBR 50-2LS	50	62	70	23773122

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