

CERAMICSPEED

bearings

LongLife Xtreme








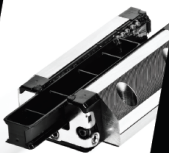
Advantages

- 4-8 times longer lifetime
- Low energy consumption
- Extreme resistant to contamination
- Low friction - the co-efficient of friction between the races and CeramicSpeed balls is reduced by 75%
- Reduced wear – fewer scuffs in the raceways
- Lower operating temperature - 10-20°C lower than steel bearings
- High rotation speed - typically 50% higher than steel bearings
- Reduced need for lubrication
- Grease type and quantity optimised for the specific application
- Bearing solutions for your specific needs

Application

Used where maximising lifetime is the most important factor. The lifetime is typically prolonged 4-8 times for bearings that normally have a reduced lifetime due to vibrations, contamination and/or wear.

Used in industrial applications for 20 years.

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| Ball bearings with shaft diameters from 5-200 mm | Deep Groove Series: 618, 619, 60, 62, 63 and 64 | Angular Contact Series: 718, 719, 70, 72, 73, OJ2 and OJ3 | Spherical Series: 108, 12, 13, 22 and 23 | Thrust Series: BA and 51 | Y/UC Series: YAR/YAT/YET/UC etc. | Linear Guides Series: Linear, screw nuts, etc. |
| CeramicSpeed Xtreme | F E | F E | F E | F E | F E | F E |

F Grease optimized for lifetime and approved for food production

E Energy-saving bearing