

全陶瓷轴承系列产品

Full ceramic bearing range introduction

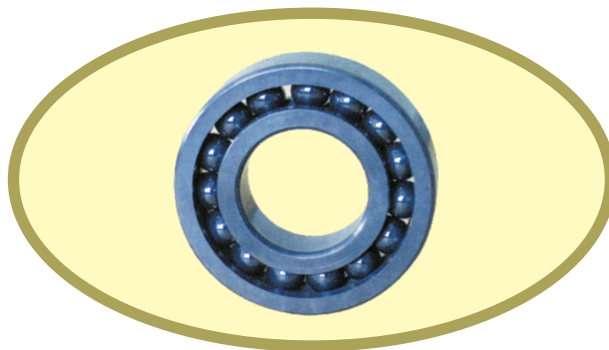
氮化硅全陶瓷轴承 / Full ceramic bearing Si₃N₄ material

- ▶ 氮化硅全陶瓷轴承具有氧化锆的所有特性外，还具有自身比重轻，耐磨性好，硬度高并比氧化锆陶瓷更耐高温等特点。同时具有良好的高温强度、机件的抗氧化能力、高温承载力和良好的耐碱腐蚀性。
- ▶ Full ceramic bearing Si₃N₄ material has similar propriety as ZrO₂ material, besides it has low weight, good wear resistance, high hardness, and it can bear higher temperature than ZrO₂ material.



碳化硅全陶瓷轴承 / Full ceramic bearing SiC material

- ▶ 碳化硅陶瓷相比其它三种陶瓷，它的表现在：耐化学腐蚀性好、强度高、硬度高，耐磨性能好、摩擦系数小，耐高温最高。
- ▶ Compare with other 3 types of ceramic materials, full ceramic bearing SiC material is more outstanding in these aspects: higher chemical corrosion resistance, better strength, higher hardness, higher wear resistance, lower frictional properties, and suitable for the highest temperature.



氮化硅/碳化硅全陶瓷轴承常用材料说明表 / Material hits the target in Si₃N₄/SiC ceramic bearings applying:

轴承零件 Parts	常用材料 Materials
内外圈 Rings	Si ₃ N ₄ , SiC
球 Balls	Si ₃ N ₄ , SiC
保持架 Cage	ZrO ₂ , PTFE, PEEK