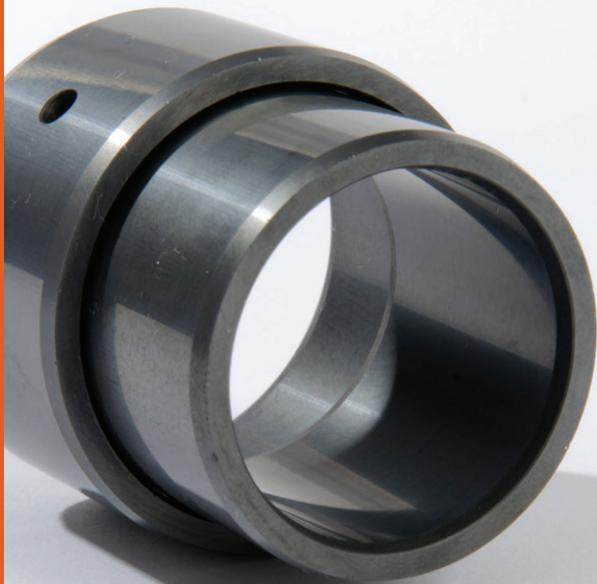


ceratec[®]
CERAMIC BEARINGS BV



**CERAMIC
ON THE
RIGHT SPOT!**



SLIDING BEARINGS

SLIDING BEARINGS



INDUSTRY

- pump
- chemistry
- petrochemistry
- food



MATERIAL

- aluminum oxide
- silicon carbide



APPLICATION

- pumping
- mixing

Ceramic sliding bearings are very useful under corrosive conditions or in fluids that contain sand or other abrasive particles. After all, ceramics are much harder than sand and excellent resistant to practically every environment. Ceramic sliding bearings are applied in several liquid pumps (submersible, impeller, screw, plunger, gear and magnetic coupled pumps), mixers, as radial or radial-axial bearings, single or double. The pumped liquid, such as water, takes care of lubrication.

CHARACTERISTICS OF THE CERAMIC SLIDING BEARING

- from -40 °C to 350 °C
- high rpm's and loads
- medium-lubricated
- wear and corrosion resistant
- metal/ceramic system (cartridge)
- compact construction
- easy to build-in
- longer maintenance intervals