

06.09.2010 19:49 Uhr



Imagine you need a special Slewing Ring that does not show any linear expansion with temperature increase and no shrinkage as it cools. Do you think this is impossible? Are you sure?

Well here is a special bearing manufactured from a highly nickel rich material with a thermal expansion coefficient of practically zero. Such a bearing was developed and manufactured by IMO!

[To top](#)

Eccentric bearing unit from a machine tool used for diesel engine crankshaft machining. The bearing unit contains two high precision cross roller raceways and one slide bearing. The integrated tothing makes it possible to adjust the eccentricity allowing machining of all of the crankshaft bearing surfaces in just one operation. The unit has an external diameter of around 47 in.



After supplying the bearing unit, our customer informed us that IMO was the only company that quoted.