

AVON BEARINGS

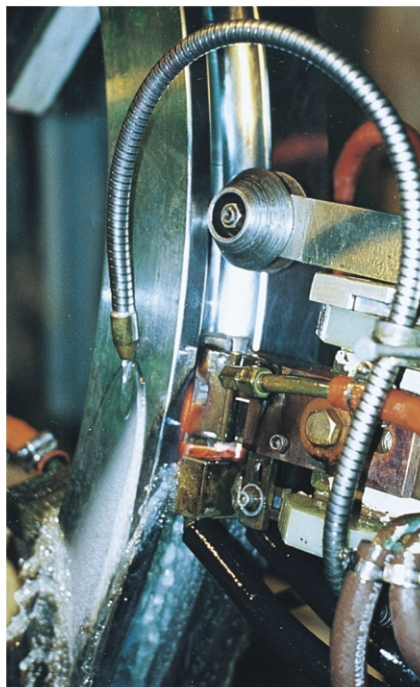


Large Diameter Turntable Bearings

Production...

Continuous development by our production and technical groups has produced a unique, yet very valuable resource: a manufacturing facility flexible enough to accept 1 and 2 piece contracts with regularity...change design characteristics in the midst of production...react quickly to customers' schedule modifications...and the ability to produce construction-grade as well as precision bearings.

Training, capital investments and technical support have allowed us to achieve high efficiencies. Our two cost-effective facilities in Avon, Ohio contain numerous custom designed machine tools supporting our efforts.



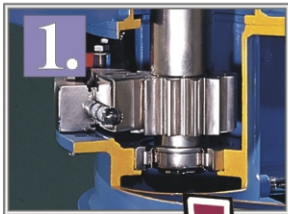
Raceways are induction hardened on equipment designed by Avon. Gears can also be hardened to enhance wear characteristics.



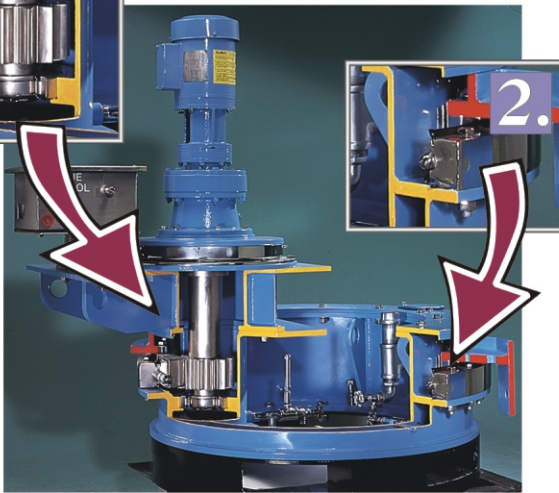
Special CNC machining centers drill bolt holes for mounting.



Internal and external gears can be cut to precision levels meeting AGMA Class 10.



1. Integral gears are common in Avon Bearings. Gearing can be provided on the inner or outer race in a variety of pitch and precision levels.



2. Avon Bearing races are manufactured from high carbon steel meeting stringent cleanliness specifications. Raceways are induction hardened to meet performance criteria.

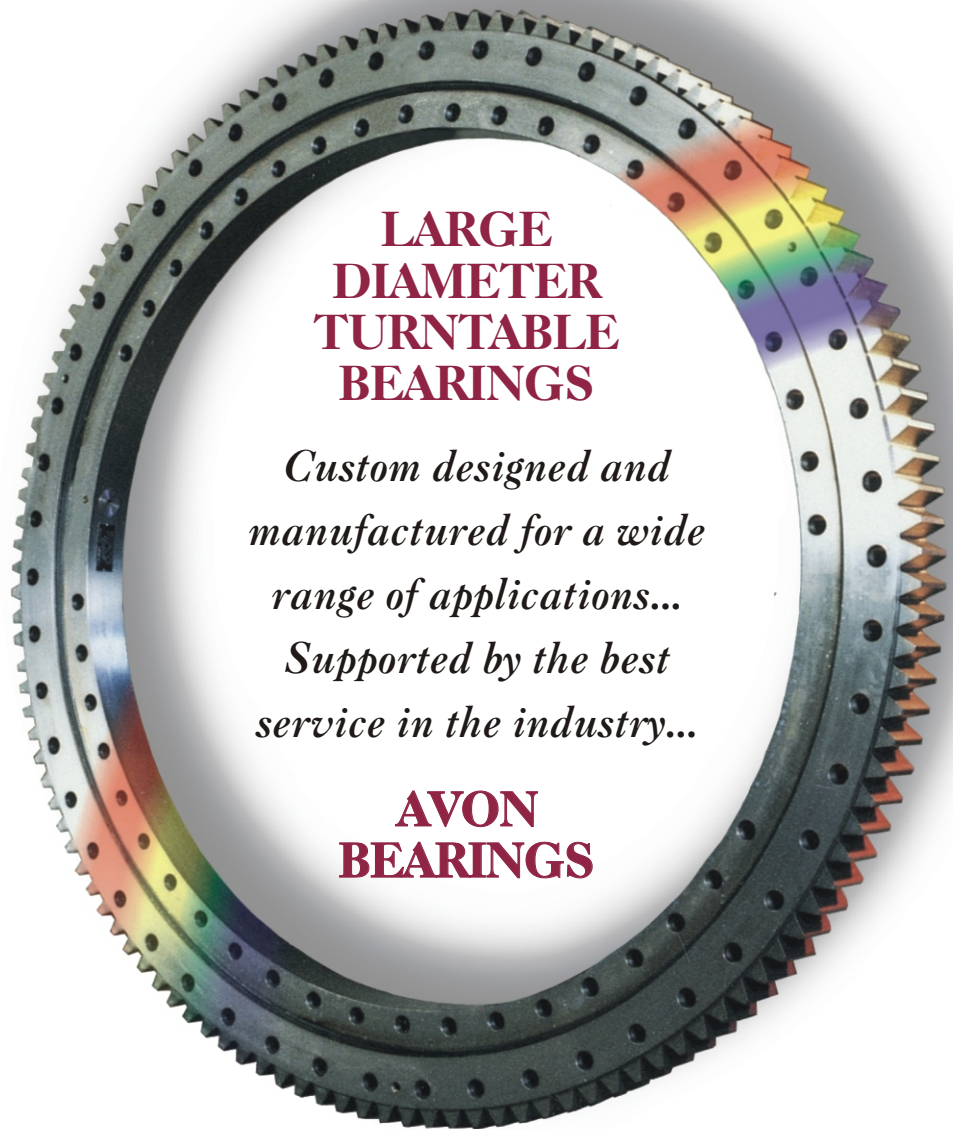


The logging industry requires rugged, reliable equipment. Forest equipment such as feller bunchers and log loaders rely on an Avon Bearing. A 4-point contact bearing with an integral gear meets the demands of this application. Bearings are expected to perform virtually continuously in difficult environments and provide years of trouble-free service to the equipment owner.



Wind turbine generators utilize state-of-the-art technology to meet the most stringent cost-effectiveness criteria and plant demands of today's highly competitive electric power markets. An Avon 4-point contact ball bearing is the interface between the rotor and the blade to enable the pitch to be modified. Significant combination loads along with a low angle oscillation are complicating factors Avon has met. A unique seal design created by Avon restricts the flow of grease on the outboard side, further enhancing life.

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LARGE DIAMETER TURNTABLE BEARINGS

*Custom designed and
manufactured for a wide
range of applications...*

*Supported by the best
service in the industry...*

AVON BEARINGS



AVON BEARINGS

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