



Product

Custom Bearing Assemblies

Application

Pallet Rack Systems

Highlights

- Custom-engineered solutions
- Four different bearing sizes supplied
- Short lead time

Reliable replacement bearing assemblies were needed quickly by a U.S. company that buys used pallet racking systems and refurbishes them for resale. The racking systems allow pallet carts of stored product to flow forward to the front of the rack for easy retrieval as empty pallets are removed.

As part of the refurbishing process, the racks and carts are repainted and all the bearings are replaced. Systems typically have 2-4 carts deep at each rack position, with four bearings utilized on each cart. Different sizes of bearings were required depending on the rack system being refurbished.

The company had been sourcing bearings from China but contacted Kilian as they needed faster delivery to meet production schedules. The Kilian engineering team designed four different sizes of custom, unitized replacement bearing assemblies to fit the various cart racking systems. Kilian was able to manufacture and ship the bearings to meet the customer's tight delivery requirements.

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