



JESA BEARING AND TRACK ROLLER SOLUTIONS HIGH PERFORMANCE FOR BOAT DECK EQUIPMENT



BEARINGS FOR MARINE DECK EQUIPMENT

Sea conditions are extreme, with humidity and salt accelerating corrosion. The quality of equipment is therefore crucial, particularly when it comes to all fittings and rigging elements containing bearing solutions. With over fifty years' experience in the design and production of specific bearings, JESA SA is the ideal partner to develop with you the solution best suited to your needs, guaranteeing the following key points:

Reliability: High-quality bearings reduce the risk of unexpected breakdowns.

Durability: In corrosive marine environments, heavy-duty bearings extend equipment life.

Performance: Precision bearings with very low friction are crucial for fast and accurate manoeuvring on a boat.

MAKE THE RIGHT CHOICE !

Designing a high-performance bearing requires deep expertise. The engineers at JESA will be able to offer you a specific study that meets all the points of your specifications.

- **Geometries :** Optimised precision and load capacity.
- **Materials:** Stainless steels, Cronidur 30, Steenox, ceramics and engineering plastics (Delrin, Torlon® PAI, Peek).
- **Lubricants :** Grease, solid oil.
- **Seals:** JESA designs specific seals for optimised protection in harsh environments.
- **Cages:** Thermoplastic for lightweight, by additive manufacturing or injection-molded.

JESA also offers standard-sized bearings with customised features (grease, seal, marking, material, coating, geometry, cage, balls), which in some cases makes it possible to optimise a module without having to redesign the whole thing.

Specific characteristics :

- High resistance to corrosion
- Very good sealing
- High load capacity
- Low friction
- Optimised service life
- Very good resistance to aggressive environments

Type of products:

- Thrust ball bearings
- Hybrid stainless steel / Torlon® PAI / ceramic bearings
- Full Torlon® PAI bearings
- Injected parts in Torlon® PAI
- Full ceramic bearings
- Single or double raceway ball bearings
- Overmolded bearings

