

Pneumatic Air Bearing Casters for Heavy Load Movement

Air bearing casters offer capacity from 10 tons to 48 tons and can be customized as demanded. These casters utilize compressed air to create a thin layer of air between the load and the floor, allowing for near-frictionless movement.



Overview

Pneumatic Air Bearing Technology

These pneumatic air bearing casters provide a clean, quiet, and safe solution for moving heavy loads ranging from 10 to 48 tons. By utilizing a thin film of compressed air, the system allows for near-frictionless, horizontal movement with high precision. This technology is ideal for clean room environments and delicate flooring, as it eliminates friction and prevents surface damage or marking.

Performance Specifications

Load Capacity Range

10 tons

Minimum Capacity

48 tons

Maximum Capacity

Power Source

Compressed Air

Operational Benefits

Key Advantages

Floor Protection, Spark-Free, Pollution-Free, Clean Room Compatible, Low Friction, No Floor Marking

Operation Requirements

Requires no special training for operation

Customization

Customization

Yes