



# Bearing Solutions for the Elevator Industry



*Everywhere You Turn...*

# PEER is Raising the Elevator

PEER manufactures a full range of inch and metric single row and double row deep groove ball bearings for the Global Elevator Market. Our global presence allows us to support Elevator OEM design and development in Asia, Europe, North America and South America.

When custom solutions are required, PEER Engineers will work with the Elevator OEM to develop cost effective solutions for residential and commercial systems.

These solutions can include:

- Special dimensions for the bore, outside diameter and ring widths
- Special seals, lubricant selection and increased bearing capacity designs
- Advanced life calculations to confirm bearing reliability



# Industry to the Next Level

## Traction Motor



PEER manufactures a full range of Metric and Inch DGBB that meet electric motor OEM stringent noise expectations. Bore sizes available up to 150mm.

## Rotary Encoder



## Compact Bearing (Integrated Sheave)

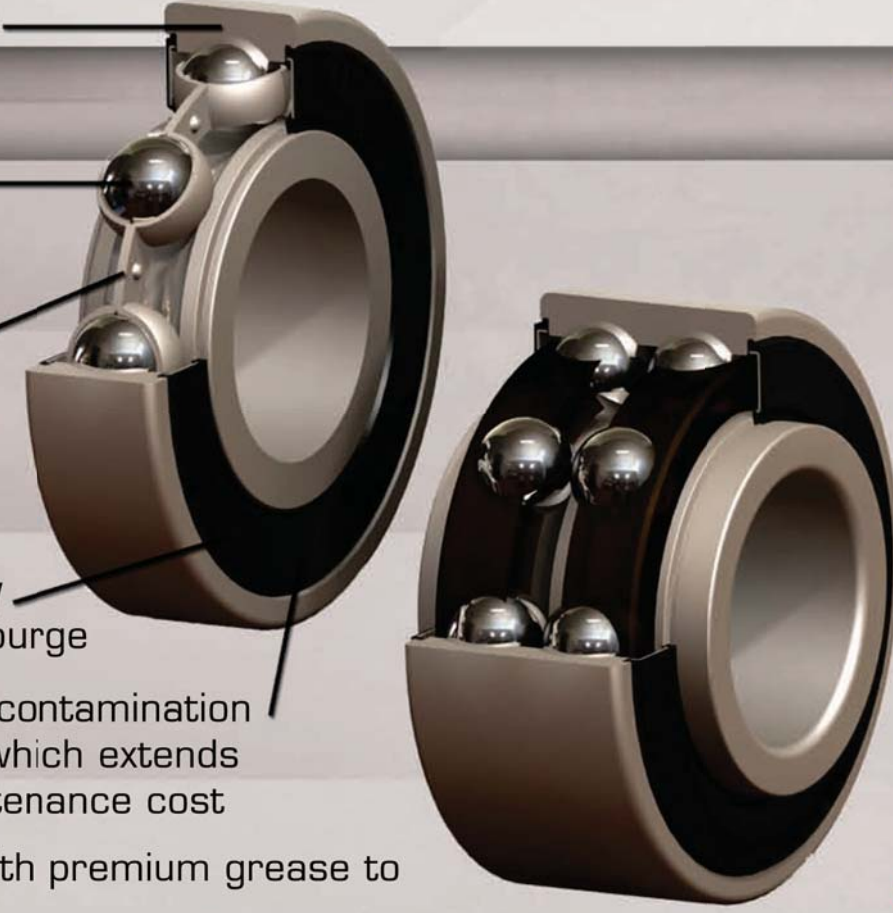
PEER designs, develops and manufactures custom bearing sheave solutions for Elevator OEM's who offer the new generation of rubber belt driven systems. These solutions feature integrated V grooves directly into the bearing outer ring which is a major design advantage for the following reasons:

- Eliminates the possibility of relative movement between bearing OD and sheave
- Better control of bearing radial internal clearance which results in longer reliability
- The reduction in components allows for a compact design



## Traditional Elevator Sheave

## PEER Bearing Product Features and Benefits

- High quality through hardened bearing steel for improved reliability
  - High grade balls have improved roundness to reduce vibration and noise
  - Super finished raceways to reduce friction, vibration and noise resulting in increased bearing life and reduced maintenance cost
  - Proven seal solution effectively retains lubricant to eliminate purge
  - Proven seal solutions exclude contamination from moisture, dust and dirt which extends bearing life and reduces maintenance cost
  - Bearings are manufactured with premium grease to reduce vibration and noise
  - Bearings are 100% noise tested on state-of the art andersonmeter equipment to meet Electric Motor OEM low noise expectations
  - Product tolerances exceed bearing industry standards to allow for global interchangeability
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PEER carries a full range of catalog DGBB and double row ball bearings. All bearings are manufactured at PEER's TS-16949 certified facility in Xinchang, Zhejiang, China.



USA Headquarters  
2200 Norman Drive  
Waukegan, IL 60085  
Ph: 847-578-1000  
Fax: 847-578-1200  
e-mail: sales@peerbearing.com

UK Office  
PEER Bearing Limited  
Unit 6, Chelworth Park, Chelworth Rd  
Cricklade, Wiltshire, SN6 6HE, England  
Ph: (0044) 01793 759459  
e-mail: info@peerbearing.com

SPZ/China Office  
Fortune Times Building  
#1438 North Shanxi Rd  
Rm 2306 Shanghai  
Ph: +86-21-61484813  
e-mail: sales@peerchina.com

Latin America Office  
Alameda Mamoré, 535 -cj. 408/410  
Alphaville - Barueri - SP - Brazil  
CEP 06454-040  
Ph: +55 11 4166-5650  
e-mail: sales@peerbearing.com