



**PREMIUM SHAFT MOUNT GEAR REDUCERS,  
ACCESSORY PARTS, AND REPLACEMENT GEAR SETS**

# PREMIUM SHAFT MOUNT GEAR REDUCERS, ACCESSORY PARTS, AND REPLACEMENT GEAR SETS

BMR USA has manufactured a premium shaft mount gear reducer with all accessory parts. BMR USA has designed their boxes to be internally and externally identical to the most recognized name brand in the market. BMR USA uses all 12 class gearing and ductile iron for their casings. We stock a very large inventory of shaft mount gear reducers sizes 1-10, all replacement parts, accessories, and gear sets. ALL BMR SHAFT MOUNT GEAR REDUCERS ARE DRILLED AND TAPPED FOR SCREW DRIVE APPLICATIONS.

**BOLT HOLES** - for CEMA adapter drilled and tapped as standard reduces inventory due to versatility

**HOUSING** - High strength ductile iron for rigid gearing support and precision gear alignment. Excellent corrosion resistance

**DOUBLE LIP SEALS** - Premium design with spring loaded and metal reinforced construction. All sealing surfaces are smooth ground for optimum sealing

**PREMIUM EFFICIENCY GEARING** - Manufactured from high strength steel, precision ground, case hardened to RC62 and AGMA class 12, designed for high load capability, efficient, and quiet operation

**INPUT SHAFTS** - Machined and hardened from premium quality alloy steel for high strength and extended service life. Input shafts are precision ground and case-carburized

**BALL AND TAPERED ROLLER BEARINGS** - Selected from brand name manufacturers for optimum life and load-carrying capability

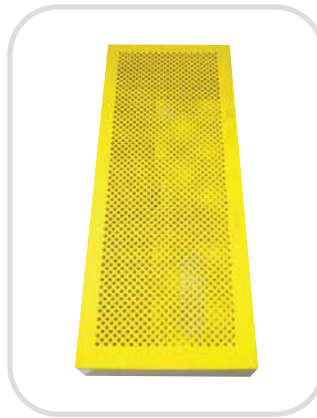
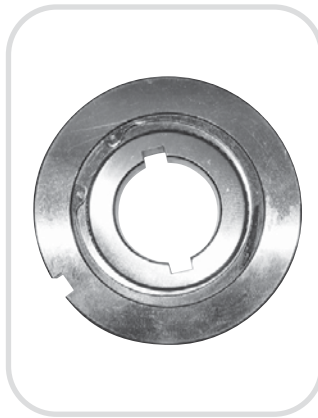
**EFFICIENT AND AMPLE LUBRICATION** - Provided by splash from the large oil sump

**SCREW CONVEYOR DRIVE SHAFTS SIZES: 1-8**

**SHAFT MOUNT GEAR REDUCER SIZES: 1-10**

**ACCESSORY PARTS SIZES: 1-10**

**REPLACEMENT GEAR SET SIZES: 1-10**



## **FEATURES:**

- BMR reducers are a replacement for
- Reducer housings are thicker than TXT's
- Housings are predrilled for the CEMA adapter
- Gears are precision ground not shaved
- Gears and Shafts have been hardened to RC 62
- Premium Seals are made from the highest quality material
- Gears are case carburized
- Gears are AGMA Class 12
- Reducers conservatively rated due to Class 12 gearing
- Bearings are selected from brand name manufacturers
- All parts interchangeable with the series listed above

## **BENEFITS:**

- Ease of replacing popular brand with no need for modifications
- Extra strength for SCXT applications
- Lowers inventory by just installing options such as CEMA adapter and shaft
- Longer gear life and better gear mesh
- Hardness on the Rockwell scale is higher than leading brand
- Longer seal life reducing leakage and possible reducer failures
- Longer life less wear
- Ability to take heavier shock loads and increased durability
- Ability to use smaller reducer when approved by engineering