BEVEL GEAR STYLE JACK  UPRIGHT TRANSLATING STYLE SHOWN

**Threaded End Condition**
Standard end conditions, Plain (T1), Load Pad (T2), Threaded (T3), and Male Clevis (T4).

**Spiral Bevel Gear**
One per jack assembly.

**Carrier Housing**
Made from ductile iron.

**Input Shaft Seal**
Up to three per jack depending on system requirements.

**Input Shaft Bearings**

**Pinion Gear**

**Lower Thrust Bearing**

**Protection Tube**

**Grease Fitting**

**Sleeve Cap**
Made from ductile iron.

**Upper Thrust Bearing**

**Upper Seal**
Made from ductile iron. Up to two required depending on the number of input shafts.

**Sleeve (housing)**
Made from ductile iron.

**Cover Plate**
Made from ductile iron. Up to two required depending on the number of input shafts.

**Fill and Drain Port**
Located in sleeve (not shown).

**Jack Nut**
Aluminum bronze material – BG jack shown (BB jack uses a ball nut with a ductile iron adapter).

**Mounting Bolt Holes**

**Lifting Screw**

**Sleeve (housing)**
Made from ductile iron.

**Sleeve Cap**
Made from ductile iron.

**Fill Vent**

**Threaded End Condition**
Standard end conditions, Plain (T1), Load Pad (T2), Threaded (T3), and Male Clevis (T4).

This graphic shows a Joyce Bevel Gear® jack (BG). Bevel ball actuators (BB) also use a bevel gear set. See pages 148 - 167 for more information.