

## "Applied provides uptime solutions to the Aggregate Industry"

Staying InSync With Technology

## FAG Split Spherical Roller Bearings

Applied Industrial Technologies is pleased to present the FAG Split Spherical Roller Bearing, an innovative, timesaving solution to bearing replacement. By eliminating complicated bearing replacement, the split design reduces downtime and keeps the Aggregate Industry InSync® with productivity and profitability.

### **Applications:**

✓ Belt conveyors

✓ Bucket wheel drives

✓ Trough conveyors

✓ Fans

✓ Chain conveyors

✓ Mixers

✓ Screw conveyors (expansion side only)



#### **Features** (FAG vs. competitive designs):

- Can be used in existing inch or metric housings – reduces replacement costs
- No major modification required to existing housings – maintains existing shaft center height
- Comparable capacity to solid bearing no decrease in bearing life
- **Double row spherical design** provides high thrust capability
- Internally self-aligning higher dynamic misalignment capability
- Simplifies installation with fewer parts less downtime
- One bearing design for fixed or floating **arrangements** – reduces inventory costs





Value Through Innovation

# Applied and FAG

## **Providing uptime solutions to the Aggregate Industry**

2225.203   2 - 3/16   LERS29   (F) SAF513   22213K + SNW 13.203     2225.207   2 - 7/16   LERS37   (F) SAF515   22215K + SNW 15.207     2225.211   2 - 11/16   LERS44   (F) SAF516   22216K + SNW 16.211     2225.215   2 - 15/16   LERS53   (F) SAF517   22217K + SNW 17.215     2225.300   3   LERS54   (F) SAF517/3   22217K + SNW 17.300     2225.303   3 - 3/16   LERS69   (F) SAF518   22218K + SNW 18.303     2225.307   3 - 7/16   LERS102   (F) SAF520   22220K + SNW 20.307     2225.308MA   3 - 1/2   LERS103   (F) SAF520/3.1/2   22220K + SNW 20.308     2225.315   3 - 15/16   LERS109   SAF522   22222K + SNW 22.315     2225.400   4   LERS110   SAF524   22222K + SNW 22.400     2225.403   4 - 3/16   LERS113   SAF526   22226K + SNW 26.407     2225.408   4 - 1/2   LERS118   SAF526/4.1/2   22226K + SNW 26.408     2225.405   5   LERS123   SAF528/5   22228K + SNW 2	Bearing P/N	Shaft Diameter	Seal	Pillow Block	Replaces Bearing and Adapter P/N
222S.507 5 - 7/16 LERS130 SAF532 22232K + SNW 32.507   222S.515 5 - 15/16 LERS140 SAF534 22234K + SNW 34.515   222S.600 6 LERS141 SAF534/6 22234K + SNW 34.600   222S.607 6 - 7/16 LERS148 SAF536 22236K + SNW 36.607   222S.608 6 - 1/2 LERS149 SAF536/6.1/2 22236K + SNW 36.608   222S.615 6 - 15/16 LERS155 SAF538 22238K + SNW 38.615	222S.203 222S.207 222S.211 222S.215 222S.300 222S.303 222S.307 222S.308MA 222S.315 222S.400 222S.403 222S.407 222S.408 222S.415 222S.500 222S.503 222S.507 222S.507 222S.600 222S.607 222S.607	2 - 7/16 2 - 11/16 2 - 15/16 3 3 - 3/16 3 - 7/16 3 - 1/2 3 - 15/16 4 4 - 3/16 4 - 7/16 4 - 1/2 4 - 15/16 5 5 - 3/16 5 - 7/16 6 - 7/16 6 - 7/16 6 - 7/16	LERS37 LERS44 LERS53 LERS54 LERS69 LERS102 LERS109 LERS110 LERS113 LERS117 LERS118 LERS122 LERS123 LERS125 LERS125 LERS140 LERS140 LERS141 LERS148 LERS149	(F) SAF515 (F) SAF516 (F) SAF517 (F) SAF517/3 (F) SAF518 (F) SAF520 (F) SAF520/3.1/2 SAF522 SAF522/4 SAF524 SAF524 SAF526 SAF526/4.1/2 SAF528 SAF528/5 SAF530 SAF532 SAF532 SAF534 SAF534/6 SAF536/6.1/2	22213K + SNW 13.203 22215K + SNW 15.207 22216K + SNW 16.211 22217K + SNW 17.215 22217K + SNW 17.300 22218K + SNW 18.303 2220K + SNW 20.307 2220K + SNW 20.308 2222K + SNW 22.315 2222K + SNW 22.400 2222K + SNW 24.403 2222K + SNW 26.407 22226K + SNW 26.407 22226K + SNW 26.408 22228K + SNW 28.415 22228K + SNW 28.500 22230K + SNW 30.503 22230K + SNW 30.503 22234K + SNW 34.515 22234K + SNW 34.600 22236K + SNW 36.607 22236K + SNW 36.607

Additional sizes 7" to 14" available upon request

#### **Case Studies**

A large aggregate customer spent over three and a half days changing a major bearing on the main conveyor from the pit. The first split spherical bearing was installed in about 16 hours and the customer anticipates the time to be reduced substantially on future installations. The customer avoided nearly three days of downtime which totaled over \$5,000 per hour.

A major western US aggregate customer changed all their conveyor drive pulleys to the SAF block with split sphericals. The customer was able to change out the existing bearing in less time than it took to get the crane on site to lift off the shaft mount reducer. They have reduced the full shift replacement job to a matter of minutes.

Contact Your Local Authorized Service Center at

877-279-2799



Value Through Innovation

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