

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.

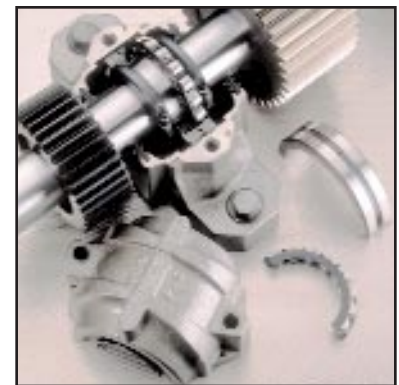
Applications:

- ✓ Belt conveyors
- ✓ Trough conveyors
- ✓ Chain conveyors
- ✓ Screw conveyors (expansion side only)
- ✓ Bucket wheel drives
- ✓ Fans
- ✓ Mixers



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



Applied and FAG

Providing uptime solutions to the Aggregate Industry

Bearing P/N	Shaft Diameter	Seal	Pillow Block	Replaces Bearing and Adapter P/N
222S.203	2 - 3/16	LERS29	(F) SAF513	22213K + SNW 13.203
222S.207	2 - 7/16	LERS37	(F) SAF515	22215K + SNW 15.207
222S.211	2 - 11/16	LERS44	(F) SAF516	22216K + SNW 16.211
222S.215	2 - 15/16	LERS53	(F) SAF517	22217K + SNW 17.215
222S.300	3	LERS54	(F) SAF517/3	22217K + SNW 17.300
222S.303	3 - 3/16	LERS69	(F) SAF518	22218K + SNW 18.303
222S.307	3 - 7/16	LERS102	(F) SAF520	22220K + SNW 20.307
222S.308MA	3 - 1/2	LERS103	(F) SAF520/3.1/2	22220K + SNW 20.308
222S.315	3 - 15/16	LERS109	SAF522	22222K + SNW 22.315
222S.400	4	LERS110	SAF522/4	22222K + SNW 22.400
222S.403	4 - 3/16	LERS113	SAF524	22224K + SNW 24.403
222S.407	4 - 7/16	LERS117	SAF526	22226K + SNW 26.407
222S.408	4 - 1/2	LERS118	SAF526/4.1/2	22226K + SNW 26.408
222S.415	4 - 15/16	LERS122	SAF528	22228K + SNW 28.415
222S.500	5	LERS123	SAF528/5	22228K + SNW 28.500
222S.503	5 - 3/16	LERS125	SAF530	22230K + SNW 30.503
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

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
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