



TIMKEN

QUICK-FIT™: THE ORIGINAL ANGLE FOR SPLIT HOUSED UNITS



An Angle On Performance

Timken® Quick-Fit™ split cylindrical roller bearings are engineered for reliability and performance. They reduce downtime and service costs required to install, replace and maintain bearings in difficult-to-access or trapped locations.

Since 2011, the first-of-its-kind angled support pedestal of Quick-Fit housed units makes installation even easier for applications with low clearance between the base and the center of the shaft. The angled pedestal allows the drive to stay connected during installation. There's no need to re-position or lift the shaft.

Quick-Fit: Technical Features

Rugged precision-machined brass cage improves reliability and prolongs service life.

Integrated retained cage clip prevents loss during assembly and disassembly.

Support caps and housing components are easily removable for quick visual inspection, saving maintenance time.

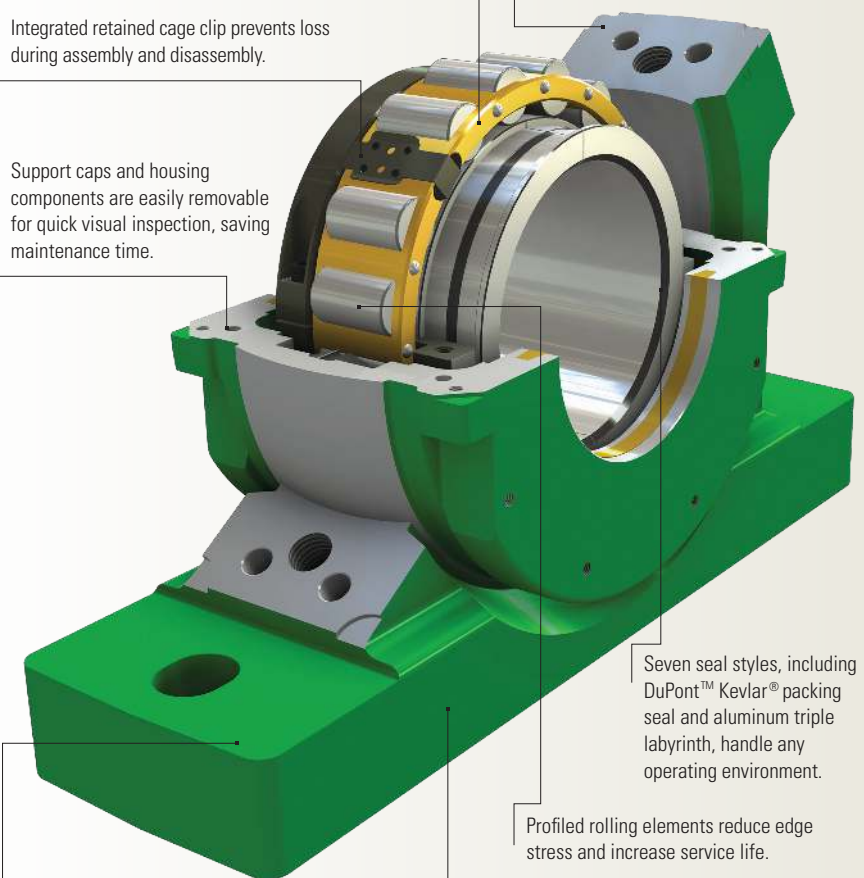
Angled split housing allows the bearing support pedestal to slide into position without lifting the shaft.

Robust ASTM 48A – Grade 40/BS EN1561:1997 - Grade 250 cast iron housing in conjunction with the support of EN-GJS-450-10, ASTM A536 65-45-12, ductile iron maximizes durability, toughness and strength.

Seven seal styles, including DuPont™ Kevlar® packing seal and aluminum triple labyrinth, handle any operating environment.

Profiled rolling elements reduce edge stress and increase service life.

Angled support pedestal matches the footprint of standard SN/SNL/SD and SAF bearing units. No re-engineering costs.



AN ANGLE ON INSTALLATION AND MAINTENANCE

Quick-Fit housed units change the game when it comes to replacing bearings. The innovative design reduces installation time up to 90 percent. In some cases, one person can complete the installation. There's no need to remove the drive and lift the shaft to replace a solid bearing or fit the support pedestal of a split bearing in applications with extremely limited access.

Quick-Fit housed units make inspection and maintenance quick and simple. The seven concentric seal options perform effectively in harsh environments to extend operational life beyond competitors' designs. The assembly uses ASTM 48A – Grade 40/BS EN1561:1997 - Grade 250 cast iron for the housing with high strength EN-GJS-450-10, ASTM A536 65-45-12, ductile iron for the surrounding support. Its rugged construction withstands the most

demanding conditions. No re-engineering is needed because the design is interchangeable with standard SN/SNL/SD and SAF bearing units.

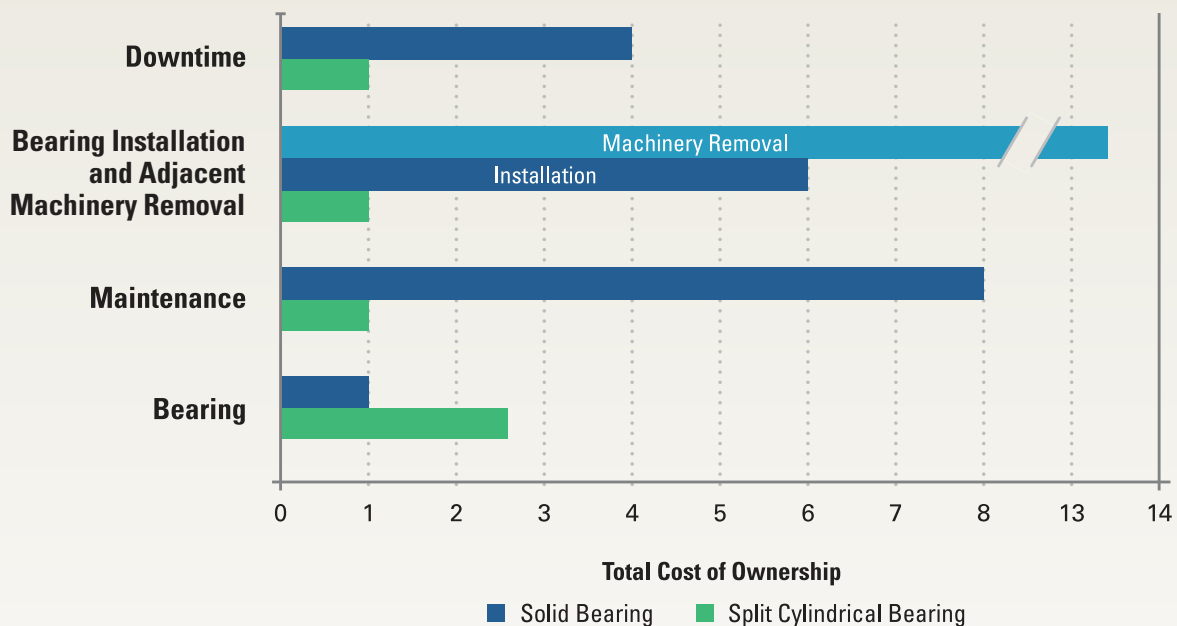
Quick-Fit housed units are available in metric and imperial sizes in a wide range of shaft diameters up to 6 in. (150 mm). Additional sizes up to 12 in. (300 mm) are available on request. See the table at the right for the range of available replacements.



SN	SD	SAF
SN 508	SD 3134	SAF 509
SN 509	SD 3136	SAF 510
SN 511	SD 3138	SAF 511
SN 513	SD 3140	SAF 513
SN 515	SD 3144	SAF 515
SN 516	SD 3148	SAF 516
SN 517	SD 3152	SAF 517
SN 518	SD 3156	SAF 518
SN 519	SD 3160	SAF 520
SN 520	SD 3164	SAF 522
SN 522		SAF 526
SN 524		SAF 528
SN 526		SAF 532
SN 528		SAF 534
SN 530		SAF 536
SN 532		SAF 538
		SAF 540
		SAF 544

Total Cost of Ownership

The total cost of ownership of a split cylindrical roller bearing Quick-Fit housed unit is extremely competitive compared to conventional designs.



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TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related power transmission rebuild and repair services.

Stronger. By Design.

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