

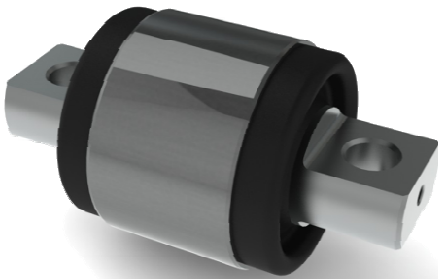
RBC Bearings

SFiT™ Bearings

INTRODUCING SFiT™ BEARINGS

by Schaublin

NEW



Background

- Schaublin has developed and patented a design that allows the press fit installation of a pre-loaded spherical plain bearing
- This special design directs the flow of stress and prevents ball lock due to interference fit installation
- This design has been developed in order to eliminate the installation per bonding

A Performance Solution

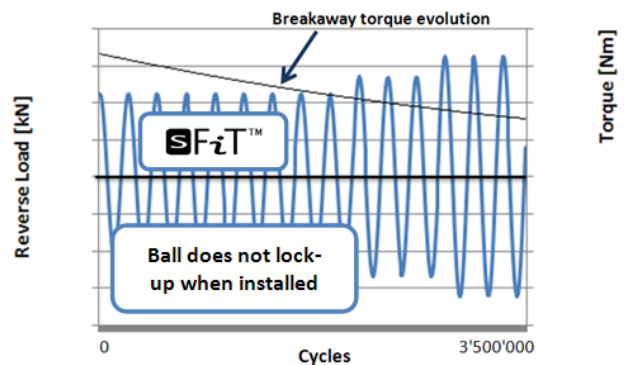
By using SFiT™ patented bearings, time and costs related to the installation are greatly reduced. The interference allowance is determined in order to permit the bearing interchange several times in the same housing.

- Various liner systems (Uniflon®-E, Uniflon®-VV...)
- Custom designs available

Typical applications

- Railway applications: High Speed Trains, Intercity Trains, Trams, Metros
 - Secondary suspension joints
 - Anti roll bar linkages
 - Coach-to-coach dampers
 - Yaw dampers
- Heavy armored vehicles
- Other industrial and aerospace applications

FATIGUE TEST Reverse load combined with $\pm 15^\circ$ swivel motion



Advantages

- SFiT™ Bearings are proven and demonstrate very high performance in reverse loading environment
 - Qualified on train over many years
 - High resistance to axial push out load
 - Easy and quick replacement for maintenance and overhaul

PATENTED

RBC[®]
BEARINGS

SCHAUBLIN

ISO9001
EN9100

AQF-2
EN9120