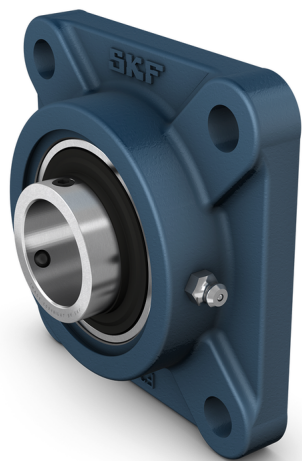


FYJ 50 TF



Square flanged ball bearing unit with extended inner ring and set screw locking, cast iron, JIS standards

These square flanged ball bearing units are compliant with JIS standards. They consist of an insert bearing, with an extended inner ring and set screw locking, and are suitable for applications where the direction of rotation is constant or alternating. The bearing is mounted in a cast iron housing, which can be bolted to a machine wall or frame. Ball bearing units can accommodate moderate initial misalignment, but normally do not permit axial displacement.

- Resist high levels of contamination
- Designed for hightemperatures and speeds
- Accommodate relatively heavy loads
- Cost-effective

Overview

Dimensions

Bearing width, total	51.6 mm
Centre distance between bolt holes	111 mm
Housing overall width	40 mm
Shaft diameter	50 mm

Performance

Basic dynamic load rating	35.1 kN
Basic static load rating	23.2 kN
Limiting speed	4 000 r/min

Properties

Bore type	Cylindrical
Coating	Without
Fastening bolt hole type	Plain
Flanged housing type	Square
Housing type	Flanged
Lubricant	Grease
Material, bearing	Bearing steel
Material, housing	Cast iron
Number of bolt holes for fasteners	4
Relubrication hole	With
Relubrication nipple	With
Retaining feature, inner ring	Set screws
Rubber seating ring	Without

Sealing type	Contact, standard
Sealing, bearing	Seal and flinger on both sides
Sealing, unit	Without

Technical Specification

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