

# X-Tracker®

A unique line of high performance hub units from SKF

Developed in response to the growing use of light trucks as robust family sport vehicles, SKF's performance engineered hub bearings, called X-Tracker®, bring precision handling and comfort characteristics to high performance light duty truck, car, and SUV applications.

## Designed specifically for light duty trucks and SUVs.

A unique double row angular contact ball bearing arrangement (with the outboard row at a higher diameter and containing more balls than the inner row) increases the bearing's capacity while improving hub stiffness by 50% over a traditional tapered bearing unit. This results in many benefits:

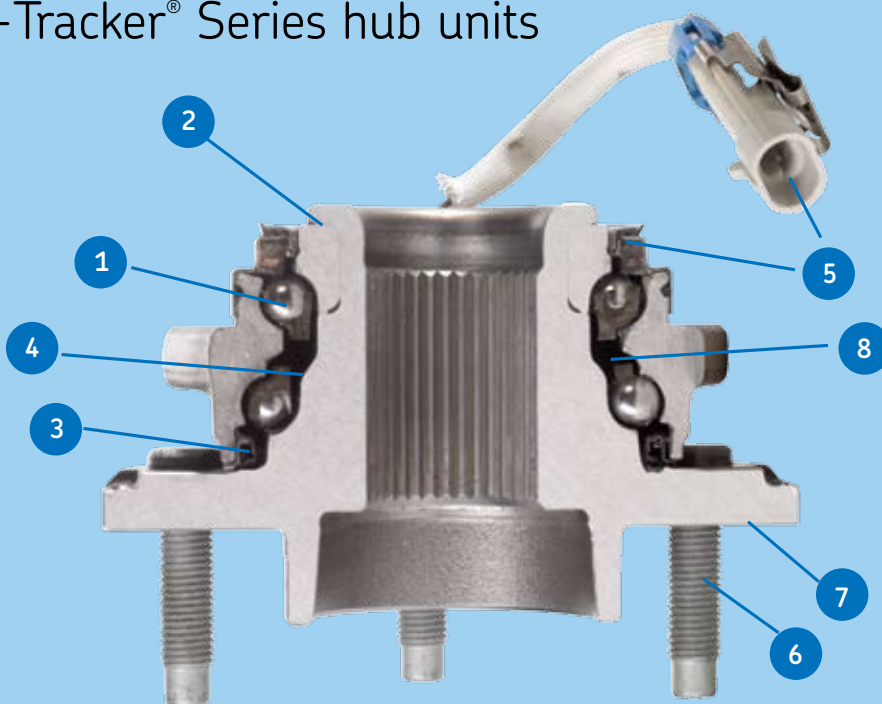
- Allows the wheel to run truer during cornering and acceleration.
- Reduces deflection of the hub face and wheel, which provides better steering, handling and vehicle dynamic behavior.
- Reduces brake wear due to true running of rotors, which helps reduce brake warranty costs.
- Improves both NVH (noise/vibration/harshness) characteristics and bearing performance.
- Provides designers and systems integrators an alternative to a tapered bearing unit, freeing them to improve overall vehicle performance.

Install confidence



# SKF X-Tracker® Series hub units

SKF manufactures Original Equipment hub bearings for many automakers all over the world. SKF's optimum quality hub bearings are manufactured using high quality steel, premium seals and premium ABS sensors. Each hub is machined to precise surface finishes following OEM assembly tolerances. Every SKF premium hub is 100% tested to the actual OE specifications. Installing SKF hubs means they fit correctly, work correctly, and provide a safe and reliable assembly for your vehicle.



## 1. SKF X-Tracker® technology engineered into SKF premium hub wheel bearings

**Benefits:** Meets demands for increased ride comfort; improves vehicle steering accuracy, handling dynamics and brake system performance

## 2. Roll forming

**Benefits:** Provides precision bearing preload and overall strength of the hub assembly for secure clamping to the CV joint and knuckle for increased safety

## 3. Seal

**Benefits:** Multiple-lip design provides optimum dirt and contaminant exclusion and keeps grease in the hub for increased operational life

## 4. Bearing Cage

**Benefits:** Patented design provides superior load capacity and lower stress on the raceway, providing a smooth roll operation for a comfortable ride

## 5. Anti-lock braking system (ABS) sensor

**Benefits:** Original Equipment design, assures correct brake response and performance

## 6. Wheel Studs

**Benefits:** Original Equipment quality, high tensile strength, prevents wheel-off conditions

## 7. Low lateral run-out

**Benefits:** Improves mating of the wheel hub to the brake rotor, which prevents brake pedal pulsation and premature brake component failure

## 8. SKF GHG Grease

**Benefits:** Exclusive and patented formula provides optimum bearing performance and life by minimizing friction

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For more information on SKF's X-Tracker® Series hub units, visit [www.vsm.skf.com](http://www.vsm.skf.com).

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Publication 457891· Revised, September 2011

Printed in U.S.A.

