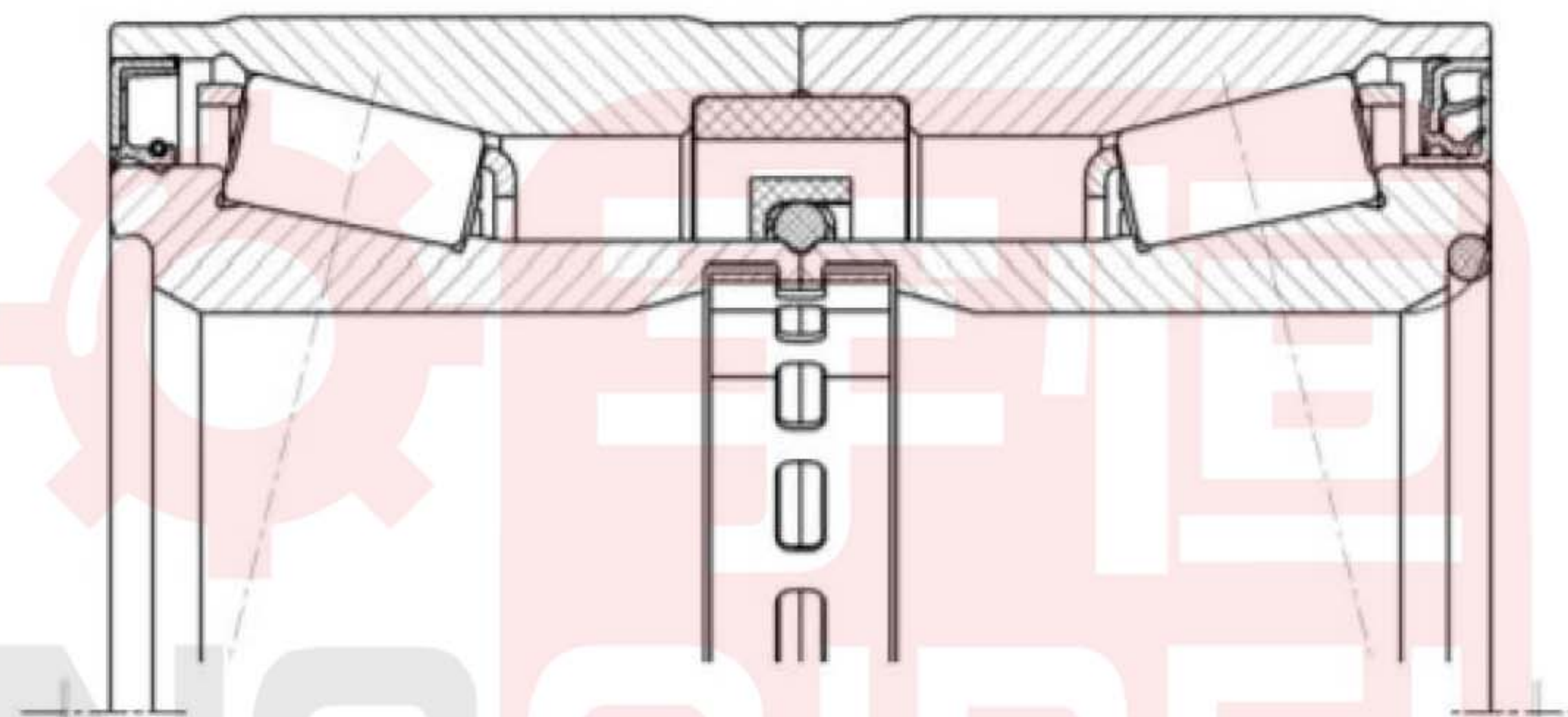
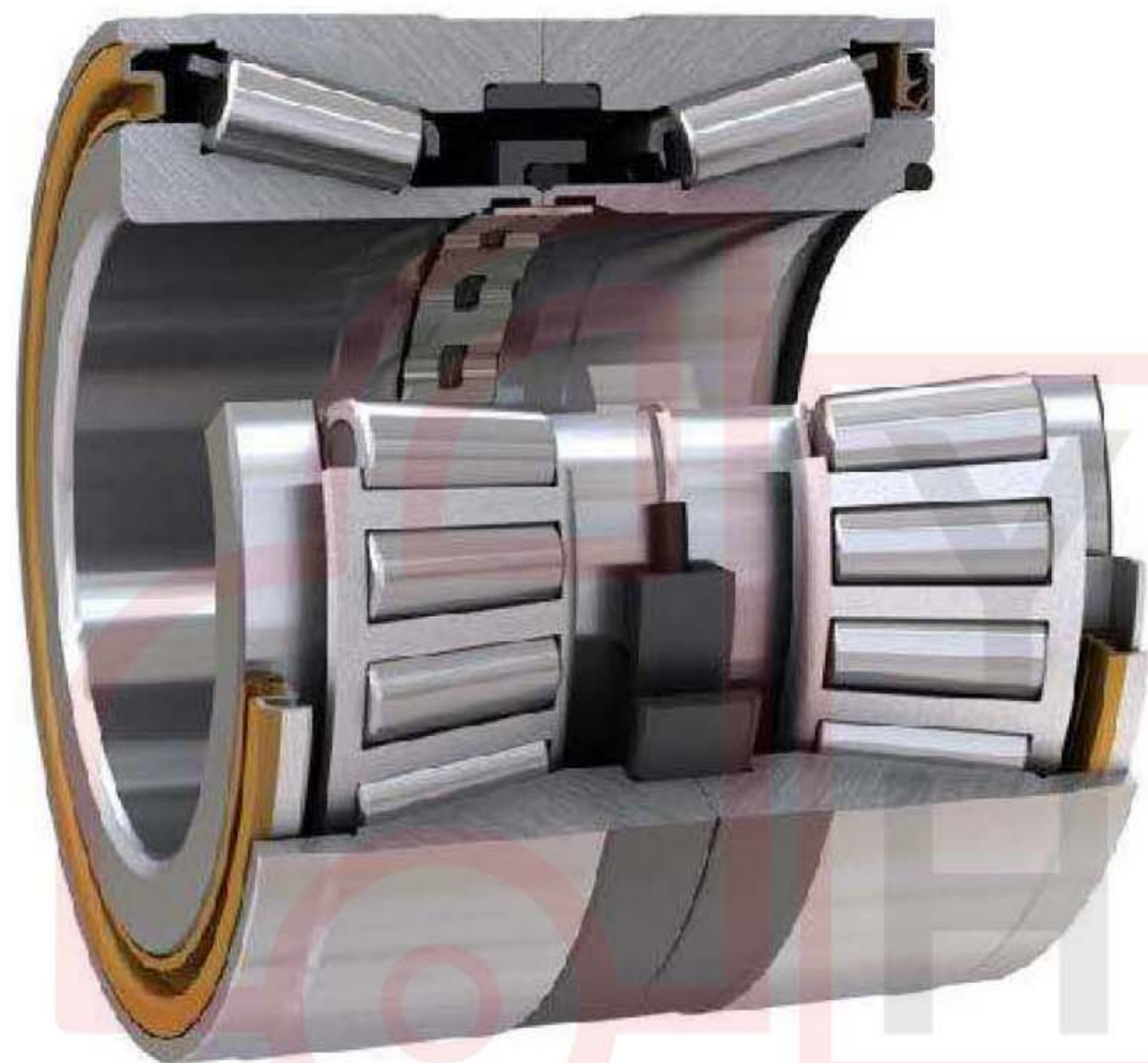


产品介绍：轮毂轴承单元

Product Introduction: Wheel Hub Bearing Unit

GENERATION BEARING UNIT THU



**COMPARED WITH SINGLE-ROW
TRB, IT HAS BETTER
PERFORMANCE AND DURABILITY.**

TMU-TRUCK MATCHING UNIT

Opposed double row tapered roller bearings with extended inner ring repair kits need to be used in pairs, and the two bearings are fixed by clamps

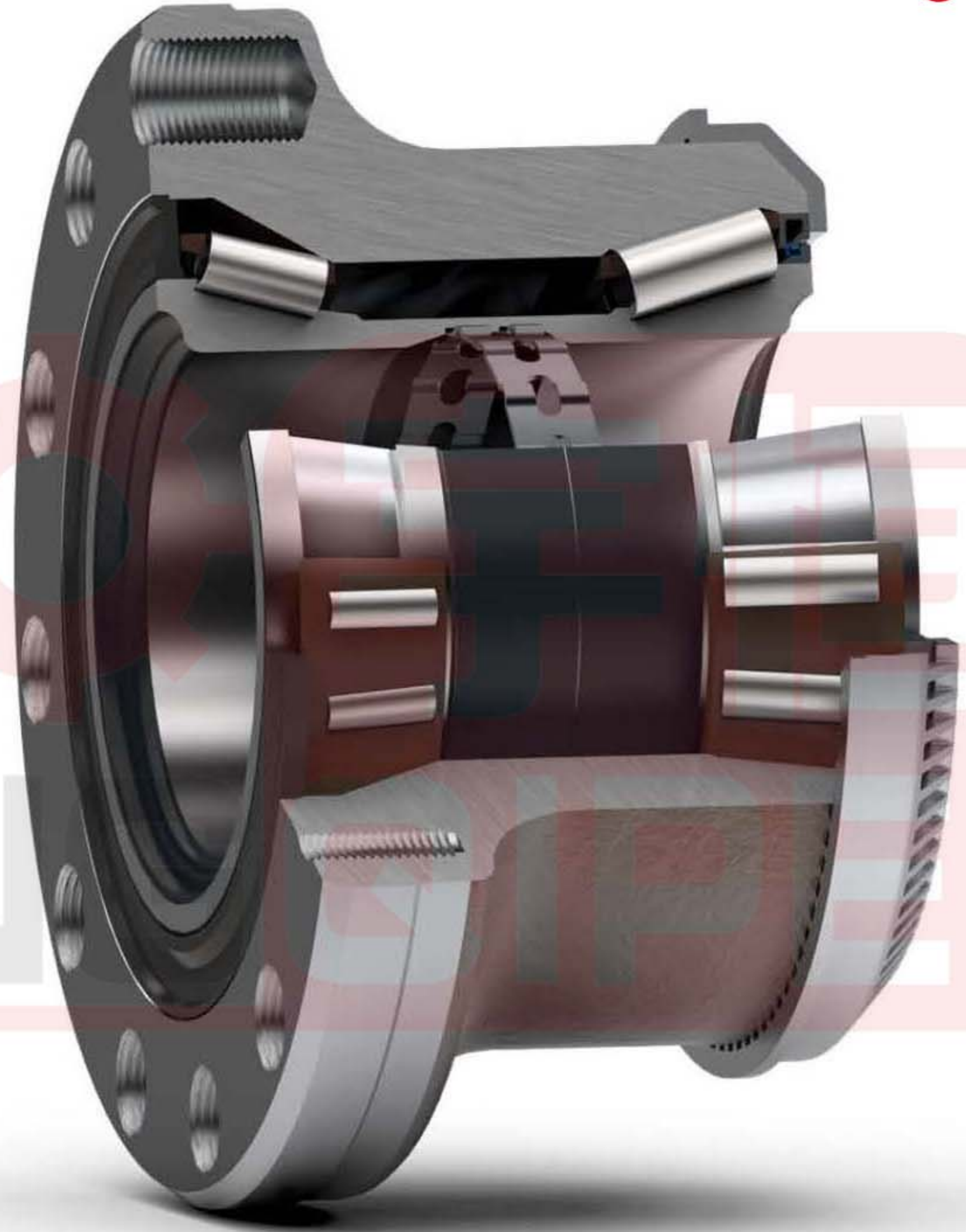


CHARACTERISTIC

Wheel Yi serves as bearing outer ring

No tooling required for installation

Installation failures almost never occur





TRUCK AND TRAILER ADAPTATION

Easy to install

1:1 interchangeable with original factory

Greatly reduce product failure caused
by improper installation

Long life wheel end assembly



Tapered Roller Bearings

- The unique raceway profile and rib profile design can still provide full lubrication at low speeds and temperature peaks.
- High load carrying capacity from the initial startup
- Effectively reduce the operating temperature of bearings
- Improved adjustment error tolerance
- Full range of sizes including half height tolerance bearings for PreSet end assemblies

Wheel Seal CR Scotseal PlusXL

- No tools required, freehand installation; saving time and effort
- Advanced sealing material: can reach a maximum operating temperature of 220C
- Bore material seals perfectly even as shaft wears
- Provides longer service life in harsh environments; and is compatible with all commonly used greases
- Four-lip design: Provides a clean working environment
- The wavy main lip deflects lubricant back into the bearing, reducing bearing operating temperatures. Three sealing lips keep contaminants out to extend bearing operating life.

High performance multi-purpose complex base grease

- Has excellent extreme pressure, anti-wear, water resistance and aging resistance and excellent working stability
- Under heavy load or bumpy road conditions, it can better reflect the good lubrication and protection performance. Applicable temperature range: -30°C~180°C; short-term-use temperature can reach 200°C.

End Cap

- Designed by SKF to extend the service life of bearings and wheel hub units Available in both oil and grease lubrication designs

WHEEL HUB BEARING UNIT: SKF ORIGINAL SUPPORTING UNIT



TMU Product Features:

- Contains all tapered roller bearing features
- Specifically designed for truck wheel end applications
- More compact system design
- With preset axial clearance

ADVANTAGE:

- No need to adjust clearance anymore
- Some components are reduced, the interference fit surface is reduced, the preload range is narrowed, the axial control force is higher, and the system stiffness is higher
- Compact, reduces system weight



THU Product Features:

- Contains all TMU features
- Using high-performance special grease
- SKF precisely controls the amount of grease used
- Adopt lifelong lubrication seal design

ADVANTAGE:

- Easy to assemble, reliable and efficient
- Very low assembly risk
- Integrated seal lubrication to avoid grease contamination
- The interference fit surface is reduced and the preload force range is narrowed



THU2 Product Features:

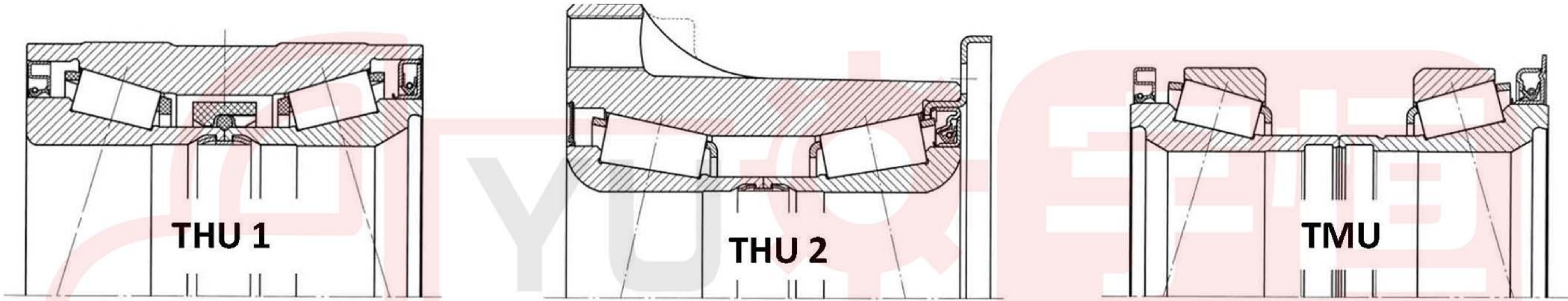
- Contains all THU1 features
- Integrated flange design
- The most advanced integration solution for truck wheel ends, which can be integrated ABS pulse circle

ADVANTAGE:

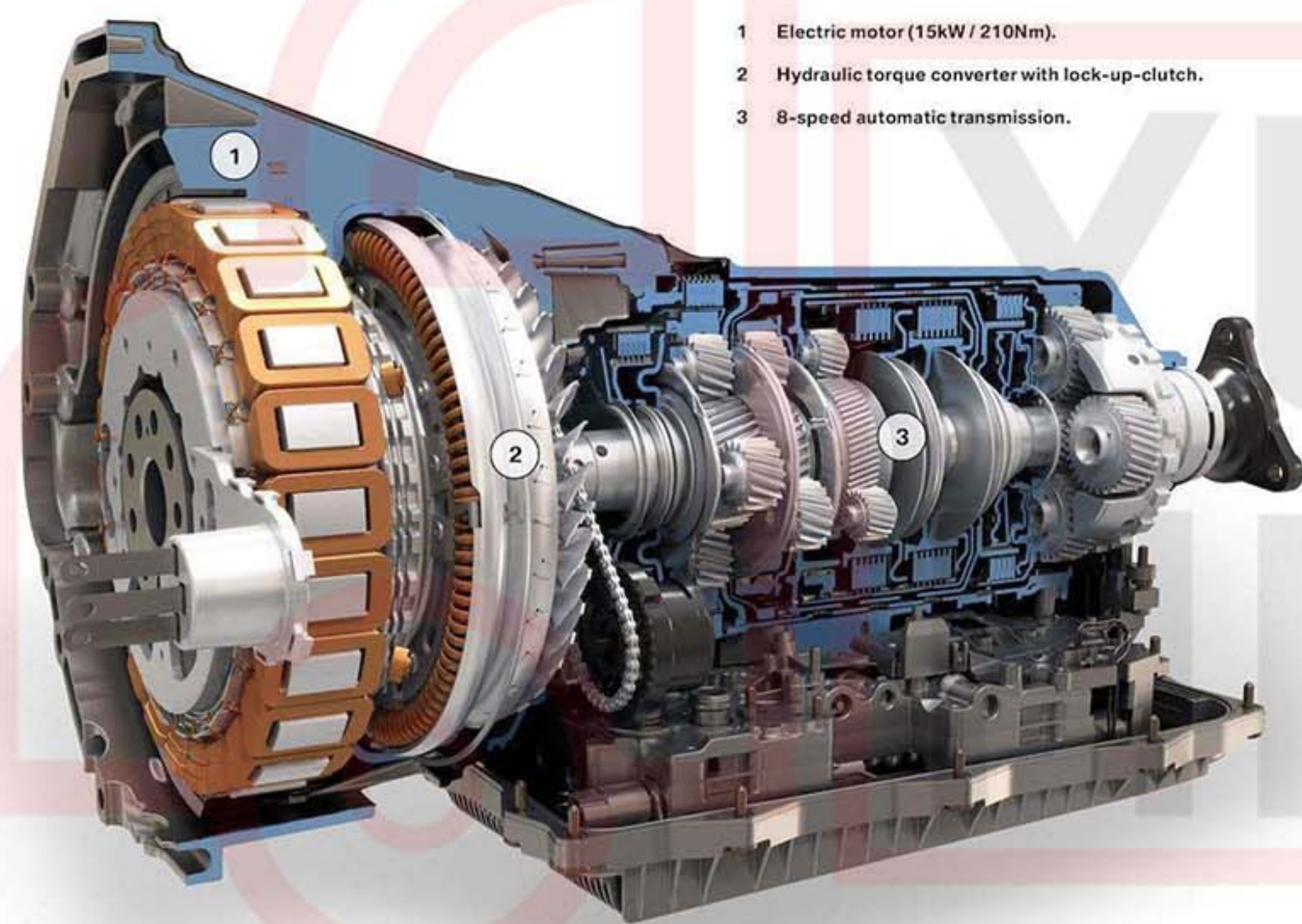
- Integrated design eliminates the need for bearing assembly
- No more hubs needed
- The interference fit surface is further reduced and the preload range is more precise.
- When replacing brake discs, there is no need to disturb the bearings



TECHNICAL DIFFERENCES



TRANSMISSION SYSTEM: GEARBOX PRODUCTS



TAPERED ROLLER BEARINGS

- Low friction, reducing bearing energy consumption and lubricating oil consumption
- Low noise and significantly cooler operating temperature
- High operating speed and long service life



CYLINDRICAL ROLLER BEARINGS

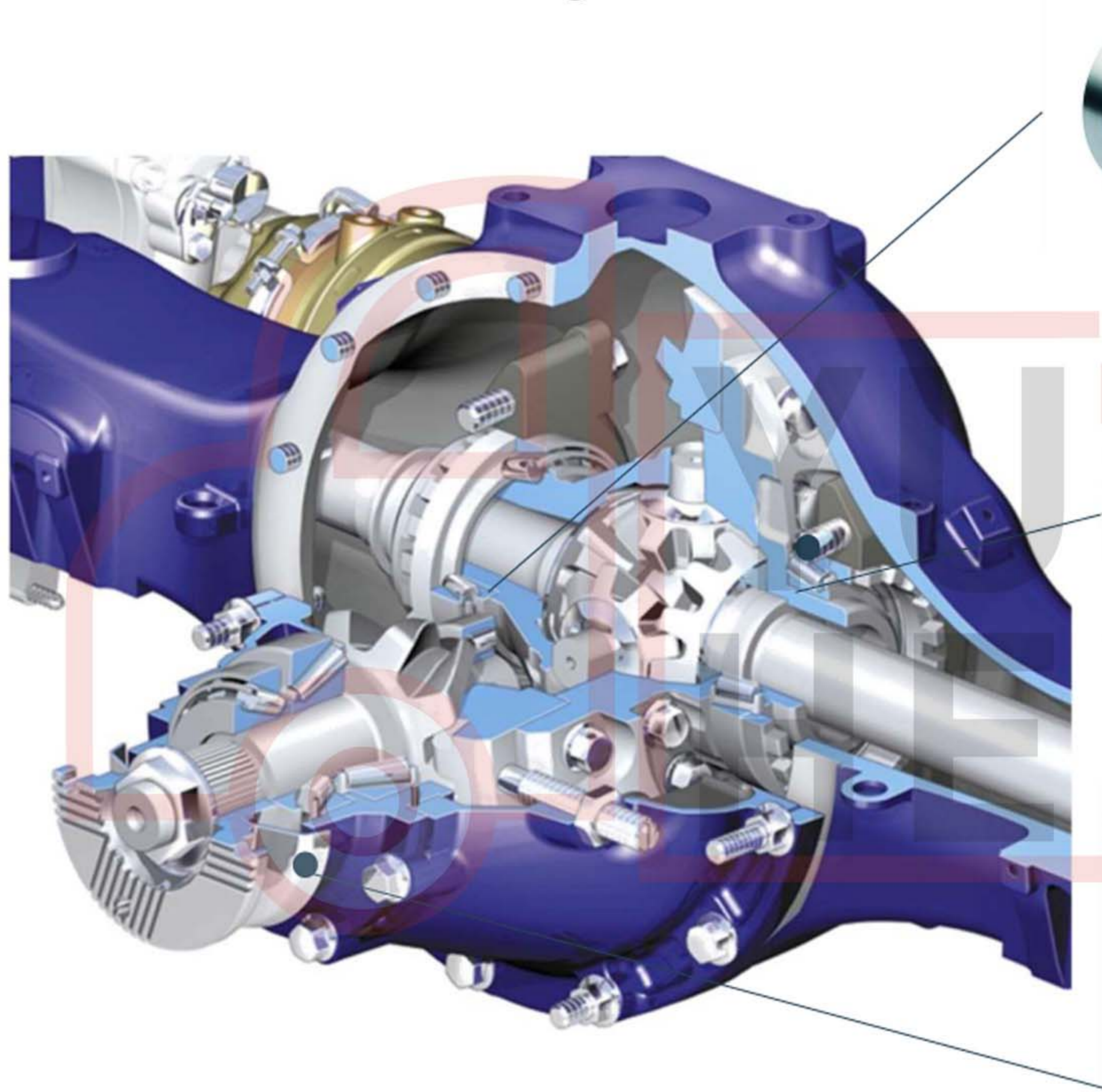
- High-efficiency logarithmic raceway profile, higher load-bearing capacity
- Unique rib design reduces edge contact stress
- Better wear resistance and long service life



BALL BEARINGS

- Low friction, reducing bearing energy consumption and lubricating oil consumption
- Low noise and significantly cooler operating temperature
- High operating speed and long service life

Transmission system: main cone products



High performance tapered roller bearings

- Low friction, reducing bearing energy consumption and lubricating oil consumption
- Low noise and significantly cooler operating temperature
- High operating speed and long service life

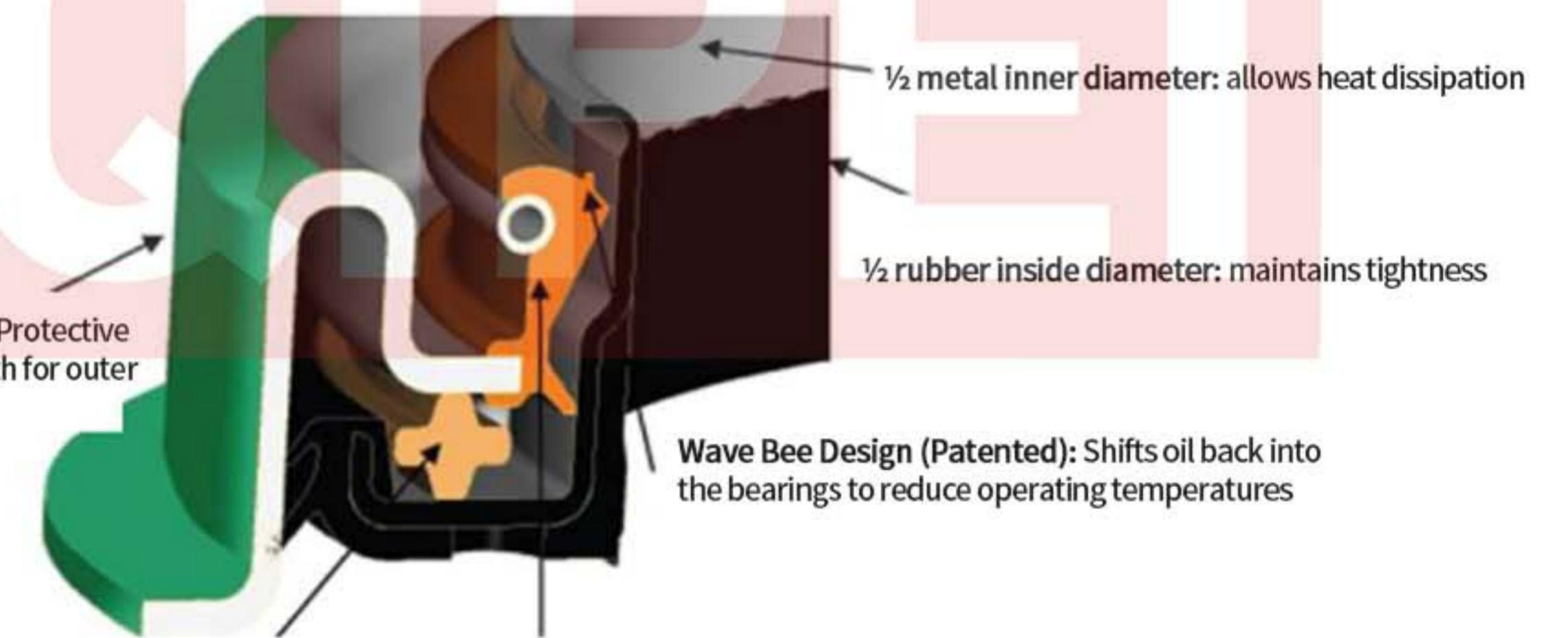


High performance cylindrical roller bearings

- High-efficiency logarithmic raceway profile, higher load-bearing capacity
- Unique rib design reduces edge contact stress
- Better wear resistance and long service life



Outer diameter Bore-Tite: Protective coating to eliminate the path for outer diameter leakage



Thermoplastic buffer block: supports the sealing lip during installation

Viton sealing lip: suitable for high temperature operation

1/2 metal inner diameter: allows heat dissipation

1/2 rubber inside diameter: maintains tightness

Wave Bee Design (Patented): Shifts oil back into the bearings to reduce operating temperatures