



CPC

Compact Packing Case

Sealing at its best for small units



HOERBIGER

Performance without compromise

Don't let their small footprint fool you – small compressors used in the natural gas sector can be significant sources of harmful methane emissions, resulting in hefty fines under new regulations. Small compressors deserve the same level of build quality and materials as their larger counterparts used in refineries and petrochemical plants. Recognizing this, we are committed to providing a solution that focuses on value-conscious design, striking the perfect balance between superior quality and efficient design to prevent unnecessary budget strain on your small and medium size compressors.

Cup-to-cup leakages belong to the past

Cup-to-cup leakage can result in significant emissions, especially when surface quality is compromised over time due to wear and tear. The design of the CPC Compact Packing Case employs smartly designed, standardized stainless steel cups that can be adapted to multiple compressor geometries and different makers. The O-rings ensure tightness between packing cups and are forgiving of surface roughness, unlike conventional packing cases that require lapping in a professional repair shop. The maintenance of the CPC is particularly easy, because now the packing can be returned to brand-new state directly in the field without special tools.

HOERBIGER's CPC Compact Packing Case is the rod packing solution designed with a green mindset

We also believe in minimizing our carbon footprint beyond just reducing direct emissions. Our Compact Packing Case is manufactured with the utmost care to reduce the use of raw materials and energy, and waste during production (Scope 3-emissions*). The result is a product that is not only reliable and efficiently manufactured but also eco-friendly, from the factory to the field.

Components intelligently connected

CPC can also be used as a combined packing as CPC can be connected with HOERBIGER's best performance-determining components such as BCD Emissions Elimination Packing Ring and the WME Multi-Edge Wiper, in an intelligently design. So, oil wipers and the pressure packing are integrated in one single device. This no-frills packing is specifically tailored for small compressors which do not employ a distance piece (up to 65 mm rod diameter), which makes it unique.

*According to Greenhouse Gas (GHG) Protocol

Scope 1: Direct release of climate-damaging gases in own company

Scope 2: Indirect release of climate-damaging gases by energy suppliers

Scope 3: Indirect release of climate-damaging gases in the upstream and downstream supply chain

Your benefits at a glance

Features	Advantages	Benefits
Long component live	Less maintenance, less repair, and less spare parts	Enhanced productivity
O-rings sealing cup-to-cup surfaces	Field repair possible	Increased efficiency
Case built in stainless steel	Corrosion resistance material results in permanently reliable sealing performance and is suitable for non-lube operation (e. g. Biogas, PET)	Higher reliability
Standardized design for small and midsize compressor	Minimize raw material, energy and waste to reduce carbon footprint (Scope 3 emissions*)	Complying your emissions requirements
Compatible with BCD Emissions Elimination Packing Ring	Best in class gas sealing performance	Reduction of emissions throughout the product lifecycle
Compatible with WME Wiper Multi-Edge	Best in class oil sealing performance	Stop of oil leak from the crankcase and potential secondary damage due to oil migration





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today!



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Locally close to the customers – globally successful: HOERBIGER is active worldwide in 43 countries on all continents. 6,174 employees at 133 locations – including 30 production plants – deliver reliable solutions for better performance, increased safety, and fewer emissions. In 2023, they generated sales of 1.416 billion euros. For renowned customers from the energy sector, the process industry, the automotive industry, the mechanical engineering industry, safety technology, and the electronics industry, performance-determining products and services from HOERBIGER make the difference. With innovations for decarbonization and energy transition, HOERBIGER is already enabling change today for a better tomorrow. As majority shareholder, the HOERBIGER Foundation preserves the 129-year-old entrepreneurial heritage and guarantees stability, independence, and a future-oriented strategy.

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