



ADVANCING
SUSTAINABILITY
TOGETHER

CHCe

Casing Head Compressor
Electrically-Driven


HOERBIGER

The best solution for production optimization

CHCe - ideal solution to increase production and prevent emissions onsite

CHCe is an electrically driven low-speed compressor designed to increase oil wells production by reducing the casing gas pressure.

CHCe is as close as you can get to “maintenance free” with over 99% unit availability.

Technical specs

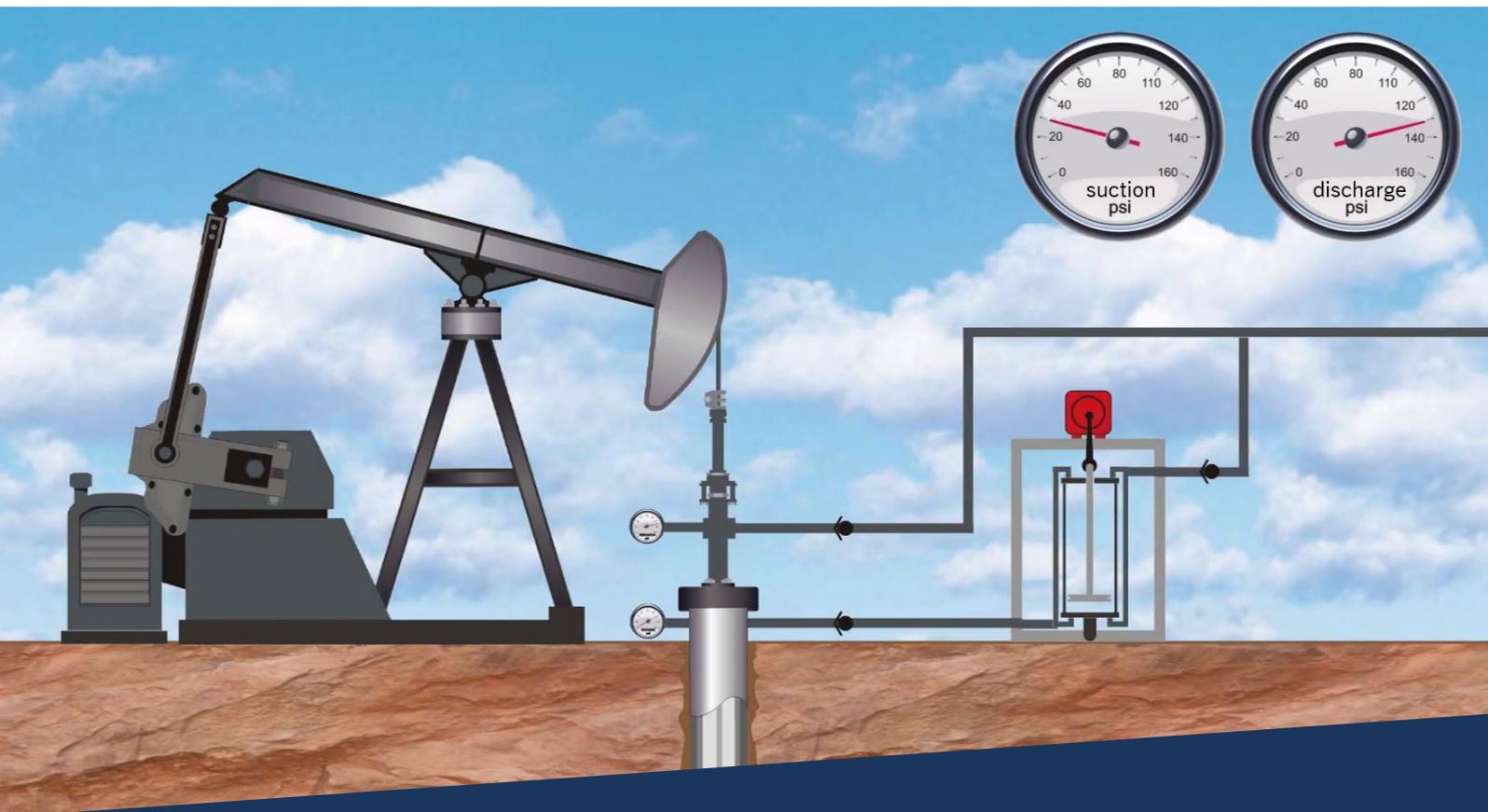
- Power: 9.2 kW (12.5 HP), 380/480V, 50/60 Hz
- Speed: 15-40 RPM
- Suction pressure: vacuum to 10 bar (145 psi)
- Discharge pressure: 2 – 16 bar (230 psi)
- Max diff. pressure: 7 bar (100 psi)
- Flow: up to 9000 cubic meters/ day (320,000 cubic feet)

Features

- Fully automated control
- Single-cylinder
- Vertical arrangement
- Double-acting
- VFD + PLC controlled
- Non-lube design
- Electric Driver -> ATEX Certified C1D2

Benefits

- Increased oil production due to casing pressure drop in the well
- Improved pump regime and decreased pump wear due to higher liquid level
- No casing gas venting on site
- Quick payback – most units pay for themselves within a few months



HOERBIGER is active throughout the world in the energy sector, the process industry, the automotive industry, the mechanical engineering sector, in safety engineering, and in the electrical industry. In 2022, its 5,726 employees achieved sales of 1.267 billion euros in 124 locations across 44 countries. Our products and services are used in reciprocating compressors, gas flow control units, vehicle drives, rotating unions, explosion protection, gas-powered engines, and in automobile hydraulics.

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