

Data sheet

Rotary compressor
for the compression of gases



RPO 200 – 800 G

Air-cooled, oil lubricated
rotary compressor

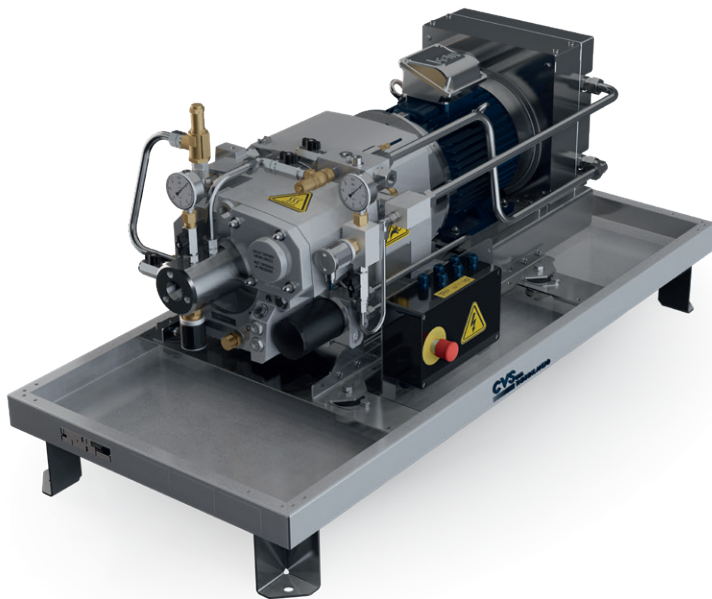
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RPO 200 – 800 G

Air-cooled, oil lubricated rotary compressor

■ Overview



CVS develops and produces compressors that are specially designed for use in the compression of gases. The development happens in close cooperation with our customers. This guarantees the optimal product for your application.

The air-cooled rotary compressor

The air-cooled rotary compressor RPO G was specially developed for a very high service life

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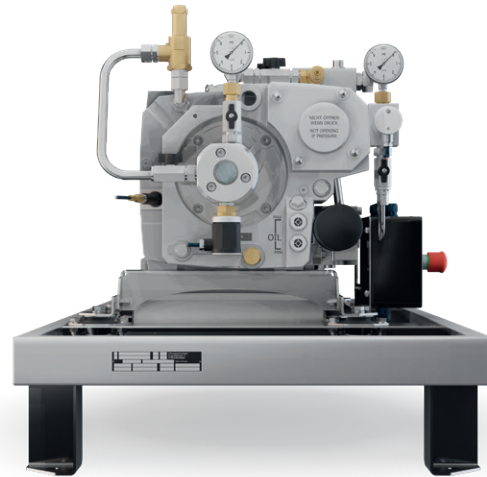
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RPO 200 - 800 G

Air-cooled rotary compressor

■ Features

- High quality rotary compressor by CVS
- Compact, low vibration and quiet
- Low and easy maintenance
- Low speeds
- Low residual oil content
- Designed for frequency converter operation, 850 – 2000 rpm
- Long operating life, general overhaul after approx. 64000 hours



■ Compact and robust rotary compressor consisting of:

- Compressor RPO 200 – 800
- Frame to accommodate all attachments
- Oil and gas aftercooler air-cooled
- ATEX-motor: Ex nA, Ex de or Ex d
- Piping incl. safety and overflow valve
- Safety relevant measuring and regulation technology
- Terminal box incl. emergency stop switch

Optional:

- Suction filters, cyclones and fine oil filters (up to 0.003 mg/m³ residual oil)
- Sound hood
- Control cabinet for installation outside the hazardous area

■ Applications

- Biogas upgrading
- Pressure increase for cogeneration
- BOG
- Compression of special gases

■ System data

Volume flow:

 6 – 65 Nm³/h (1 bara suction pressure)

Pressure:

up to 12 barg

System pressure:

up to 1.2 barg (higher suction pressures on request)

Dimensions:

190x155x150 cm

Weight:

180 kg



Zone 1+2