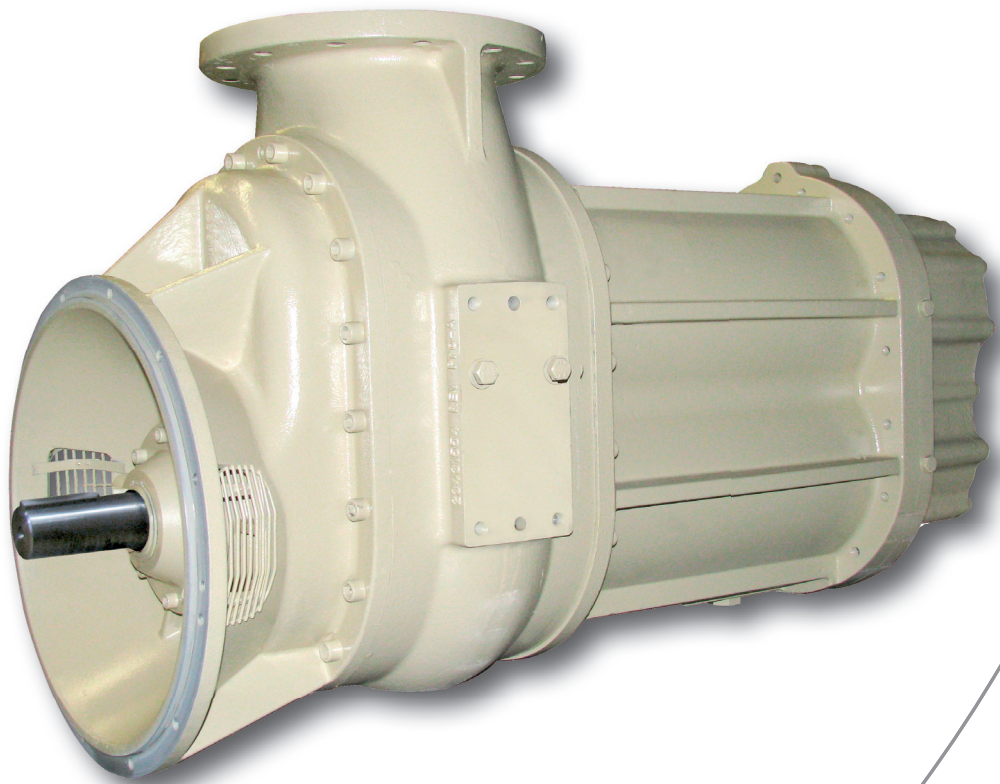


GHH RAND®



CE224G – Screw compressor for industrial and portable applications



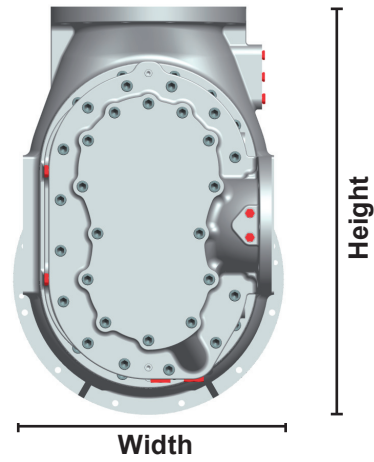
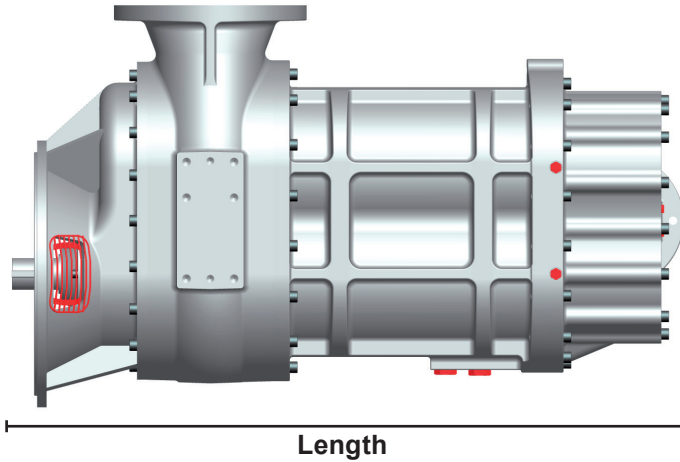
GHH RAND recommends:



- Maximise life and efficiency with Primecool lubricant
- Ask your sales rep. for details

GHH RAND®

CE224G – Screw compressor for industrial and portable applications



Technical data

	Units	CE224G
Type of drive		Electric motor or Diesel engine
Volume flow	m ³ /min	20.4 – 62.2
Outlet pressure (min./max.)	bar(a)	6.0 / 14.0
Power	kW	95 – 355
Length x Width x Height	mm	1,415 x 520 x 844
Weight	kg	1,190
Inlet flange	DIN EN 1092	DN 250
Outlet flange	DIN EN 1092	DN 150
Oil connection	ISO 6149-1	M33 x 2.0
Instrument port at inlet	DIN EN 837-1	M14 x 1.5 2 x M12 x 1.5
Instrument port at outlet	DIN EN 837-1	2 x M12 x 1.5
Vibration measurement		3 x SPM
Gear sets		0.8143, 0.9538, 1.0484, 1.1167, 1.2281, 1.2679, 1.3962, 1.4902, 1.5400, 1.6458, 1.7609, 1.9535

Medium: Air, Inlet temp. 20°C/68°F, Discharge temp. 80°C/176°F, Inlet pressure 1 bar(a)/14.5 psi(a), RH: 60%

Advantage

- Gear drive flexibility between 95–355 kW
- Choose from 12 standard gear ratios
- Reduced maintenance with robust engineered bearing systems

Highlights

- Low specific power consumption due to optimised volume ratio
- Flow loss optimised connections
- Flanged housing provides ease of alignment
- Flow controlled duct results in lower sound levels
- Long operating life (mechanical seal)
- Easy snap on due to standard SAE connection

Ease of installation

- DIN flanges
- Ease of assembly with integrated instrument connections (Inlet & discharge)
- Single oil point connection with integrated tubing
- Cylindrical drive shaft with fit in key
- O-Ring sealing (easy to maintain)
- Standard components, everywhere available

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