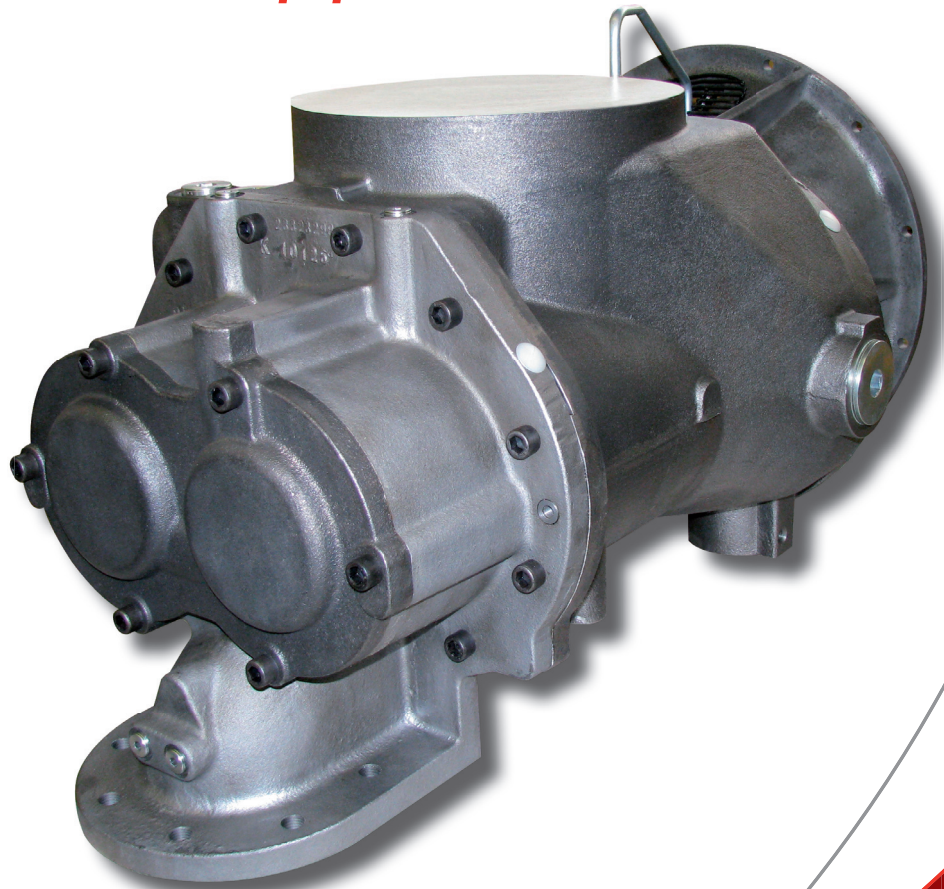


GHH RAND®



CE140R/G – Screw compressor for industrial and portable applications



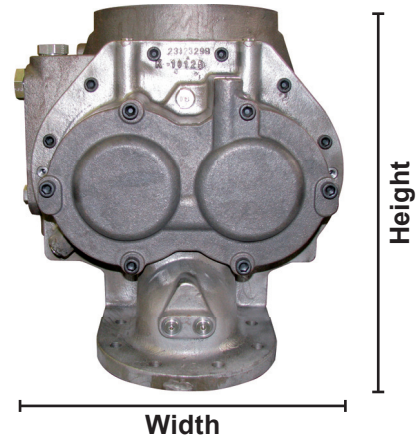
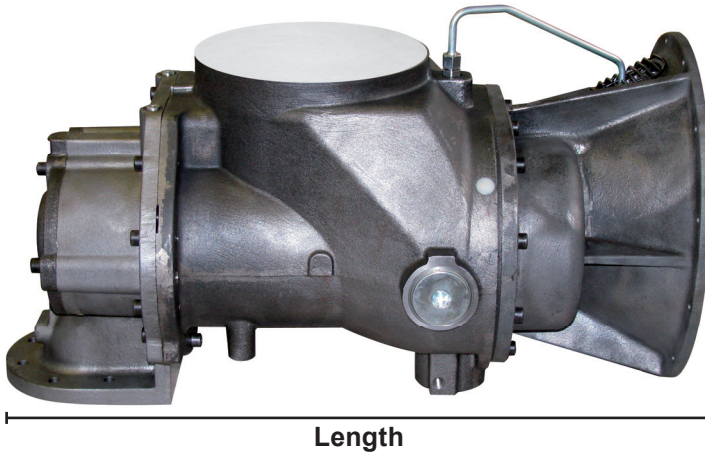
GHH RAND recommends:



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

GHH RAND®

CE140R/G – Screw compressor for industrial and portable applications



Technical data

	Units	CE140R	CE140G
Type of drive		Belt drive	Electric motor or Diesel engine
Volume flow *1	m ³ /min	9.1–18.7	
Speed	rpm	4,453*1 (Male rotor speed)	3,600 max. (Motor speed)
Outlet pressure (min./max.)	bar(a)	6.0 / 14.0	
Power *1	kW	46.8–103.5	
Size	mm (LxWxH)	786 x 504 x 428	913 x 548 x 497
Weight	kg	299	344
Inlet flange	DN150 PN16	OD285, ID 135, BC 240	OD285, ID 125, BC 240
Outlet flange	DIN EN 1092	DN 100	
Oil connection	ISO 6149-1	M33 x 2.0	
Instrument port (inlet)	ISO 6149-1	M14 x 1.5, M12 x 1.5	
Instrument port (outlet)	ISO 6149-1	2 x M12 x 1.5	
Vibration measurem.		2 x SPM	
Gear sets for CE140G		0.963, 1.163, 1.255, 1.409, 1.465, 1.650, 1.944, 2.029	

Medium: Air, Inlet temperature 20°C, Inlet pressure 1 bar(a), RH: 60%; **Note:** *1 estimated at 7.0 bar(a)

Advantage

- Gear drive flexibility between 46.8 – 103.5 kW
- Drive flexibility (8 standard gear ratios)
- Reduced maintenance with robust engineered bearing systems

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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 (lip seal)
- Easy snap on due to standard SAE connection (CE140G)

Ease of installation

- 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

