

NordicGEO PGP Injection Resin Pump

Part. no. 4901.9600.0162

Description

The NordicGEO PGP 30/40 LC is a powerful gear pump for the injection of 2- component injection materials, mainly used in the mining and civil engineering industry. It is meant for the use with common 2- component Polyurethane injection Materials with a mix ratio of 1:1. Due to the high flowrate generated by this pump it is predestined for all jobs where you have to pump much material in a short period of time.

Operation

The pressure injection pump PGP 30/40 LC is a pneumatic driven 2- component gear pump, suitable for the work under mining and civil engineering conditions. It consists of a powerful 8kW pneumatic drive and two mining approved high capacity gear pumps. With its high constant flowrate of 40 l/min at a pressure up to 40 bar, it is the perfect pump for all injections works where you must be able to pump a lot material in a short time frame.

The pump is used with all common Polyurethane and silicate injection resins. With additional gear pumps, that can be purchased optional, it is also possible to use this pump with injection resins which need a mixing ratio of 2:1 or 4:1. Because of its low price this pump is not equipped with overflow valves or a pressure switch at the pressure outlet

TECHNICAL DATA

Air drive pressure: 1-5 bar / 14,5-72psi

Max. operating pressure at 5 bar inlet pressure: 120 bar / 1740 psi

Max. pneumatic drive power: 8 kW at 1000 rpm

Chamber volume of each gear pump: 22 cm³ / 1,3 inch³

Max. operating temperature: 60°C

Max. flow rate: ca. 40 l/min at max. 40 bar / 580 psi

Weight ca. 125 kg

Dimensions: Height 500 mm Width 500 mm Length 1200 mm

Liquids Polyurethane, Silicate resin

Connections:

Air connection RD 38 x 1/8

Suction Connection RD 38 x 1/8"

Pressure outlet Steck-O DN 10



Within the specified technical features and performance data, engineering and design of our products are subject to change from the manufacturer and exclusively refer to all of the manufacturer's terms and conditions.

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