

Bredel

Hose Pumps



Bredel C42

A long-life pump for fluid transfer up to 5 bar



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The Bredel C42 is a new close-coupled hose pump, evolved from the industry-leading Bredel series but engineered for lower pressure applications up to 5 bar and optimised for general fluid transfer applications in a compact footprint.

The C42 has the same low maintenance and safety features as other Bredel hose pumps. There are no costly wear components such as seals, valves, membranes or rotors to maintain. Maintenance consists of replacing a single hose element, a task that can be performed in situ and in minutes.

The C42 utilises the abrasion-resistant NR Transfer hose which provides longer hose life than any other hose for fluid transfer duties.



Features and benefits

- Robust design, ideal for transferring corrosive and abrasive slurries
- Optimised for fluid transfer applications to 5 m³/h at up to 5 bar pressure
- The NR Transfer hose offers the longest lifetime in fluid transfer applications
- Maximised flow output from a compact footprint
- Dry running and self-priming
- Suction capability up to 9 mWC
- Safe, low maintenance in situ



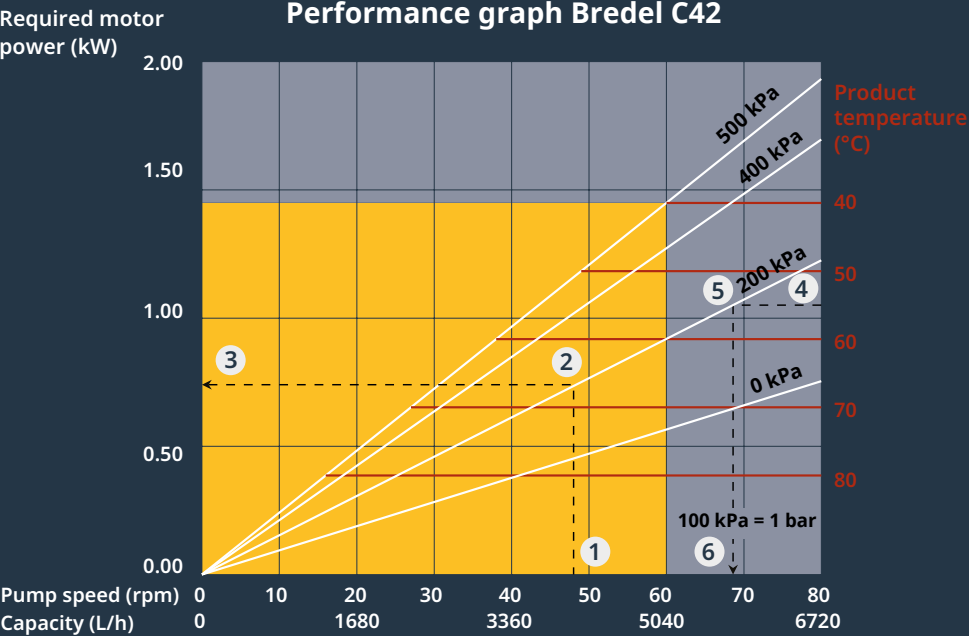
Engineered for lower pressure fluid transfer applications including:

- Manufacture of lithium batteries
- Water and wastewater treatment
- Paper and pulp
- Chemical
- Paint and pigments
- Mining
- Construction



Technical specifications

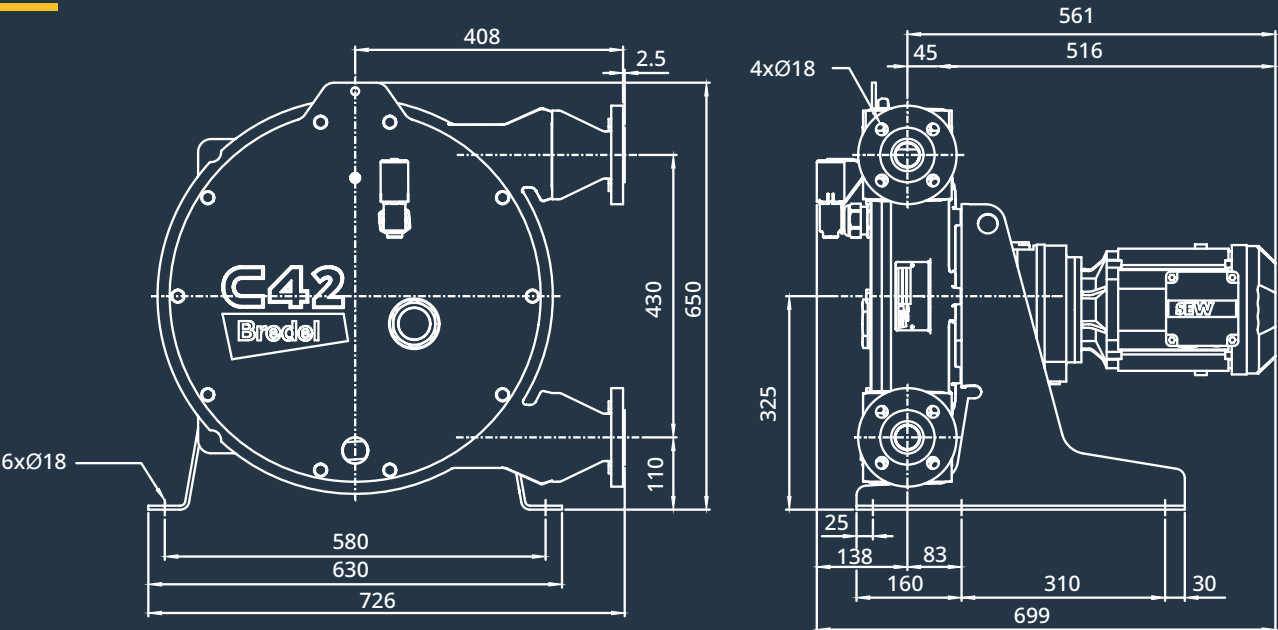
Performance graph Bredel C42



Max flow rate continuous	5040 L/h
Volume per revolution	1.4 L
Max continuous operating speed	60 rpm
Max operating pressure	5 bar
Suction pressure	0.1 bar abs

1. Required flow or pump speed
 2. Required discharge pressure
 3. Required motor power
 4. Product temperature
 5. Required discharge pressure
 6. Maximum allowed pump speed
- Continuous Duty
Intermittent Duty (maximum 2 hours of operation followed by a minimum 1 hour stop)

Dimensional drawing



All dimensions in millimeters (mm)



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