

Bredel 265

Bredel

Hose Pumps

Bredel hose pumps (65-2100)

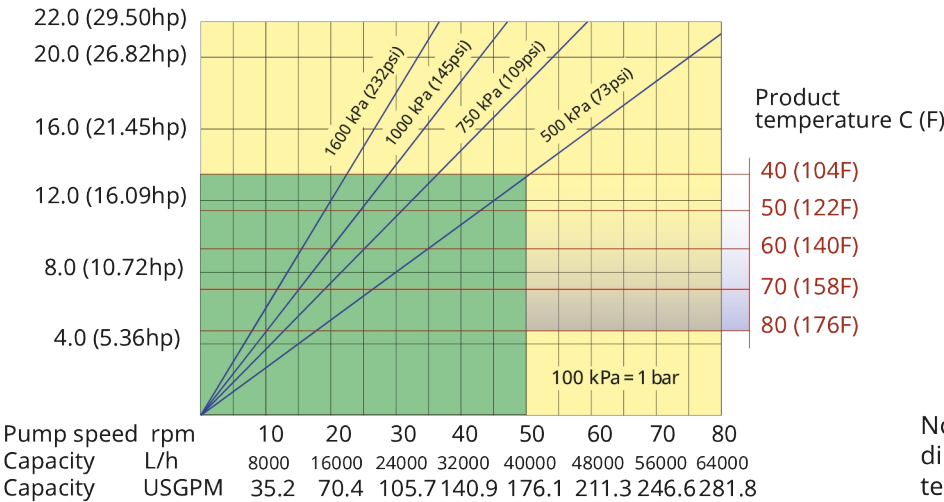
Features and benefits

- Dry running and self-priming
- No seals, ball-checks, diaphragms, glands, immersed rotors, stators or pistons to leak, clog, corrode or replace
- Handles abrasive slurries, corrosive acids, gaseous liquids
- No slippage, allowing true positive displacement for accurate, repeatable metering
- No ancillary equipment, check valves, sealing water flush systems or run-dry protection required
- Fully reversible to blow out suction and drain lines safely

Bredel 265 performance

Required
motor power kW (hp)

Bredel 265



Note: The area of continuous operation diminishes with increased product temperatures. For product temperatures >40C, the area of continuous operation reduces to the corresponding red temperature line.

1. Flow required indicates pump speed
2. Calculated discharge pressure
3. Net motor power required
4. Product temperature
5. Calculated discharge pressure
6. Maximum recommended pump speed

- Continuous duty
- Intermittent duty

* Maximum 3 hours operation followed by minimum 1 hour stop

Technical specifications

	Bredel 265
Max. flow rate continuous	40200 L/h (10607 USGPH)
Max. flow rate intermittent	64320 L/h (16971 USGPH)
Volume per revolution	13.4 L (3.54 USG)
Max. continuous operating speed	50 rpm
Max. intermittent operating speed	80 rpm
Max. operating pressure	16 bar (232 psi)
Max. inlet pressure	2 bar abs (30 psi abs)
Operating temperature	-20 °C to 45 °C (-4 °F to 113 °F)
Fluid temperature	-20 °C to 80 °C (-4 °F to 176 °F)
Min. starting torque	2000 N m (17701.5 in.lbs)
Weight	2780 kg (6129 lbs)
Hose lubricant required	40 L (10.57 USG)
Port configurations	Down, Left, Right, Up
Compatible hose materials	CSM, EPDM, F-NBR, NBR, NBR for food, NR-Metering, NR-Transfer
Flange assembly type	ANSI, DIN, JIS

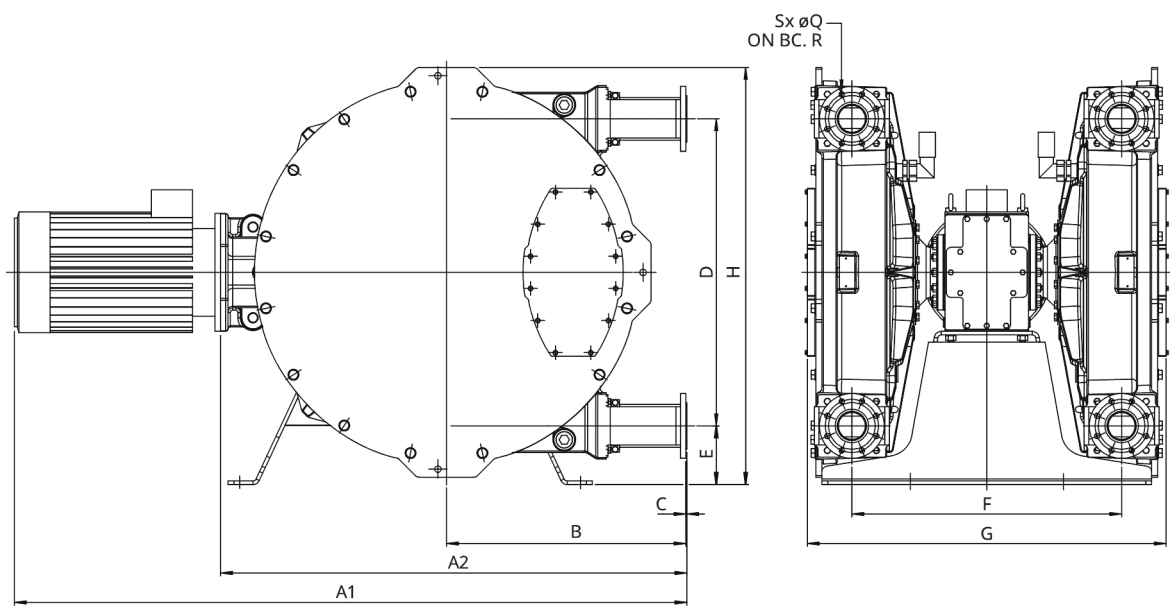
Please consult your Bredel representative for lower or higher temperature operation.

Allowable ambient temperature is based on pump capabilities and may be further limited by gearbox ambient capabilities.

Materials of construction

	Bredel 265
Hose material	CSM, EPDM, F-NBR, NBR, NBR for food, NR-Metering, NR-Transfer
Housing	Cast iron, ISO12944 category C4M
Rotor assembly	Cast iron, ISO12944 category C4M
Cover assembly	Cast iron, ISO12944 category C4M
Brackets and fasteners	Galvanised steel, Stainless steel 316
Support frame	Galvanised steel, Stainless steel 316
Hose clamps	Galvanised steel, Stainless steel 316
Seals	Neoprene, Nitrile

Bredel 265 dimensions



Type	A1	A2	B	C	D	E	F	G	H	ØQ	R	S
Bredel 265 (mm)	*	1115	580	3	746	152	720	943	1036	18	145	4
Bredel 265 (inches)	*	43.9	22.8	0.12	29.4	5.99	28.3	37.1	40.8	0.71	5.7	0.16

Disclaimer: The information contained in this document is believed to be correct at the time of publication, but Watson-Marlow Bredel BV accepts no liability for any error it contains, and reserves the right to alter specifications without prior notice. All mentioned values in this document are values under controlled circumstances at our test bed. Actual flow rates achieved may vary because of changes in temperature, viscosity, inlet and discharge pressures and/or system configuration. APEX, DuCoNite, Bioprene and Bredel are registered trademarks.



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