

Bredel 265



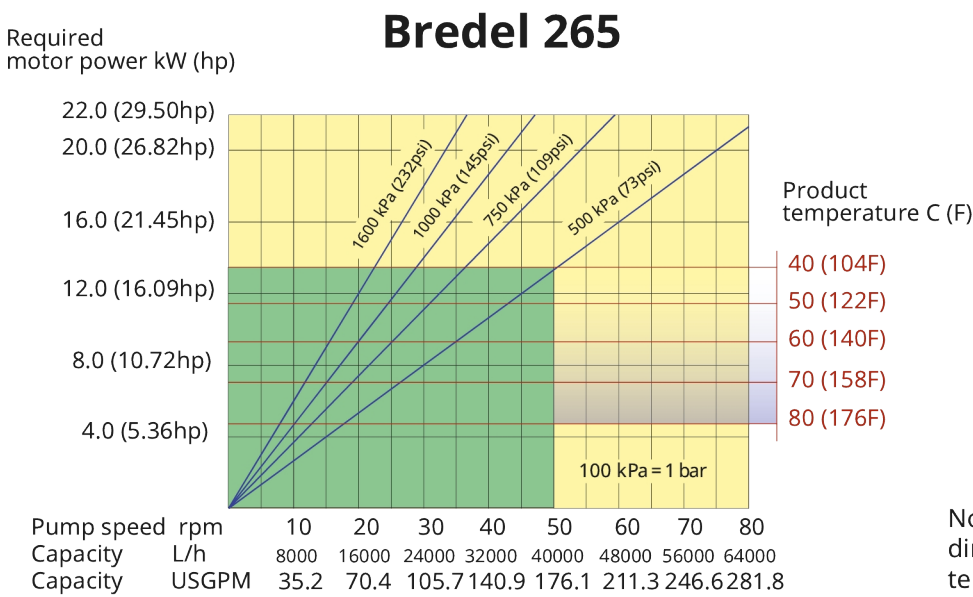
Hose Pumps

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



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
Max. flow rate continuous	10607 USGPH
Max. flow rate intermittent	64320 L/h
Max. flow rate intermittent	16971 USGPH
Volume per revolution	13.4 L
Volume per revolution	3.54 USG
Max. continuous operating speed	50 rpm
Max. intermittent operating speed	80 rpm
Max. operating pressure	16 bar
Max. operating pressure	232 psi
Max. inlet pressure	2 bar abs
Max. inlet pressure	30 psi abs
Operating temperature range	-20 °C to 45 °C
Operating temperature range	-4 °F to 113 °F
Fluid temperature range	-20 °C to 80 °C
Fluid temperature range	-4 °F to 176 °F
Min. starting torque	2000 N m
Min. starting torque	17701.5 in.lbs
Weight	2780 kg
Weight	6129 lbs
Hose lubricant required	40 L
Hose lubricant required	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

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