

Circulation pumps



► Aquavent 6000C / 6000SC

The high-performance circulation pump solution

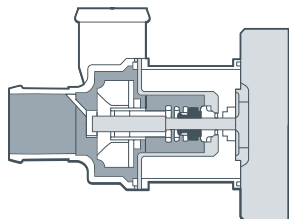


High efficiency, compact construction and superb reliability are the core requirements for modern circulation pumps. The Spheros Aquavent 6000C / 6000SC range combines proven cutting-edge technology in a compact format, as well as new design and proven functionality in modern lightweight construction. Last but not least, the optimized mounting possibilities are extremely application-friendly. The Aquavent 6000C / 6000SC range is the first choice for the highest demands.

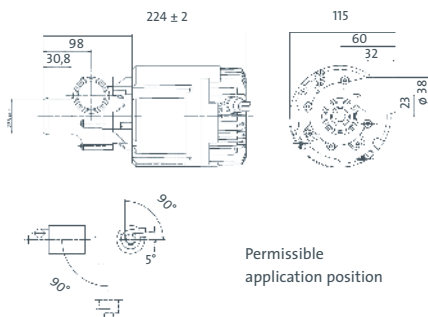
► Aquavent 6000C / 6000SC

Functional representation

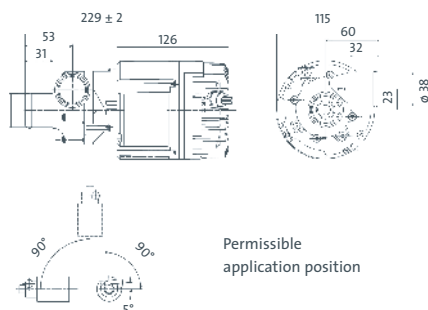
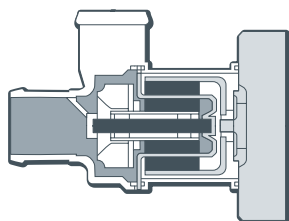
Aquavent 6000C with mechanical seal



Dimensions



Aquavent 6000SC with magnetic coupling



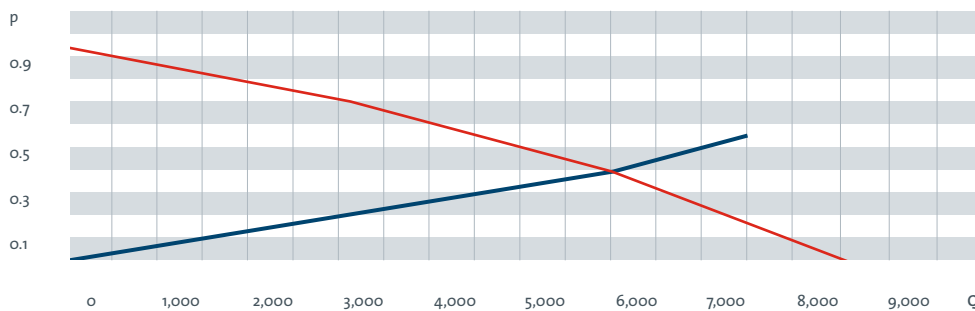
Aquavent 6000C / 6000SC Highlights

- Electronically commutated brush-free motor with higher durability
- 14% lighter construction than the predecessor pump (Aquavent 6000S)
- 19% more compact construction than the predecessor pump (Aquavent 6000S)
- Reduced loading thanks to smooth start-up control
- Overload protection by integrated blocking and dry running protection
- No maintenance
- Integrated electronic control
- Compatible with pump head as Aquavent 5000 / 5000 S
- Diagnosable in combination with heater control unit

Aquavent 6000SC

- Magnetic coupling (seal-free; basic Aquavent 5000 with mechanical seal)
- Watertight throughout entire lifetime
- Long lifetime (comparable with motor)
- Change the motor without removing the pump
- No steam leakage
- LCC optimized

Static head and pressure loss characteristics



— Volume flow (with water at 20°C)
— Flow resistance (with pump not in operation)

p Delivery height (bar)
Q Volume flow (l/h)

Technical data

Circulation pump	Volume flow (l/h)	Nominal voltage (V)	Working voltage range (V)	Nominal power requirement (W)	Dimensions (L × W × H)	Weight (kg)
Aquavent 6000C	6,000 (against 0.4 bar)	24	20–28	210	225 × 110 × 115	2.4
Aquavent 6000SC	6,000 (against 0.4 bar)	24	20–28	210	229 × 110 × 115	2.5