

The GRACO QUANTM™ electric operated diaphragm pump combine all of the benefits of a traditional air operated diaphragm pump like self-priming, stalling under pressure and increased diaphragm life with the benefits of an electric pump like energy cost savings, reduced pulsation and increased pump control.

- Up to 80% more efficient than an air operated diaphragm pump
- The first electric diaphragm pump on the market that will stall under pressure
- Built-in control
- I/O for remote operation (4-20mA)
- Reduce pulsation without the addition of pulsation dampeners
- Mobile cart options available for easy and quick movement
- Can run dry
- Self-priming (no need to fill the pump to operate)
- Able to achieve flow rates up to 303 lpm
- Patent pending technology allows pump to stall under pressure preventing pump failures from clogged lines or closed valves
- Energy efficient Flux-core drive reduces energy consumption up to 8x compared to traditional air operated diaphragm pumps

Technical Specifications (Pump)

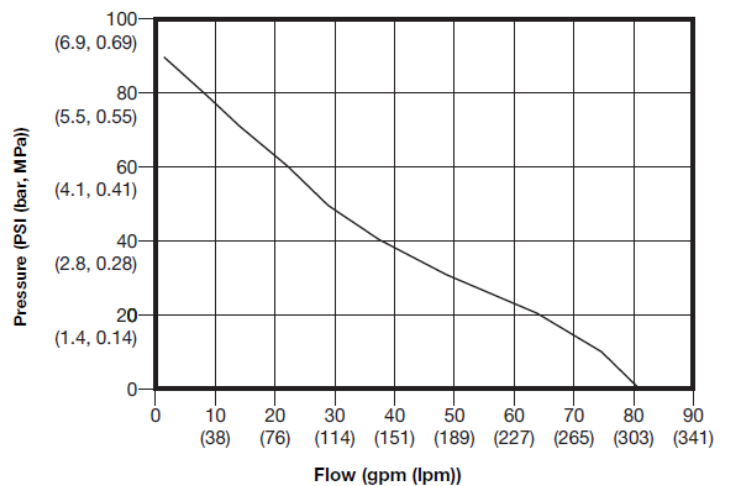
Material of Construction	Polypropylene
Connection Size	1.5 in (38.1 mm)
Fluid Inlet and outlet Size	Flange
Motor	AC
Power	230V
Maximum Flow Rate	303 lpm
Maximum Discharge Pressure	6.9 bar
Center Section	Aluminium
Pump Weight	50,8 kg
Maximum Solids	4.8 mm
Maximum suction lift*	Wet: 8.8 m; Dry: 5.9 m
Seats	Polypropylene
Ambient air temperature range for operation	-20 °C to 40 °C
Balls	PTFE
Diaphragm	PTFE/Santoprene 2-piece
Configuration	End-flange
Maximum Fluid Operating Temperature	66 °C
Hazardous location approved	ATEX available on request

* May vary based on pump materials, suction condition, discharge head, pressure, and fluid type.

Technical Specifications (Motor)

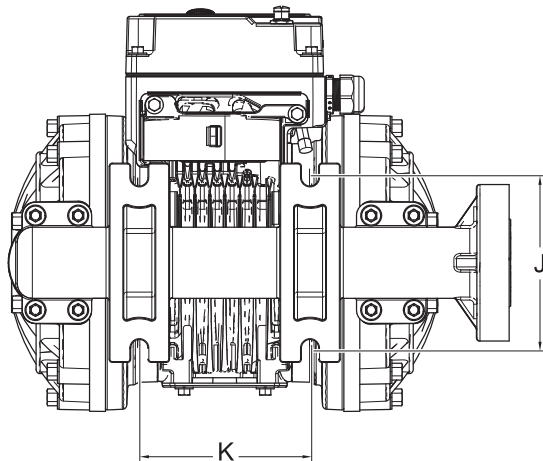
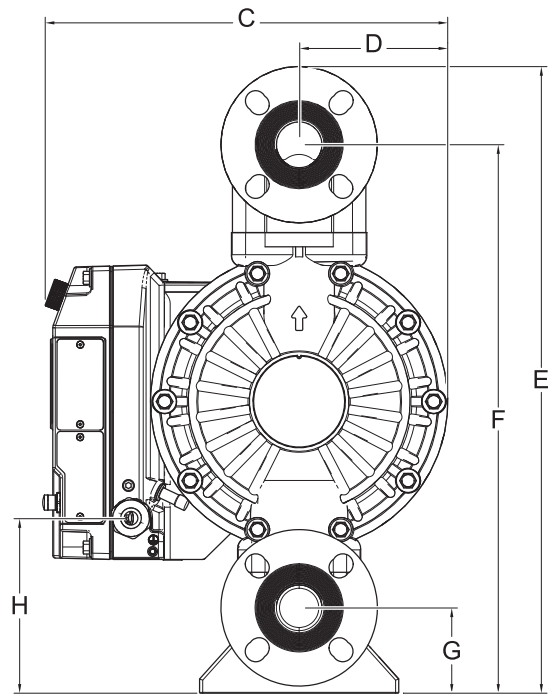
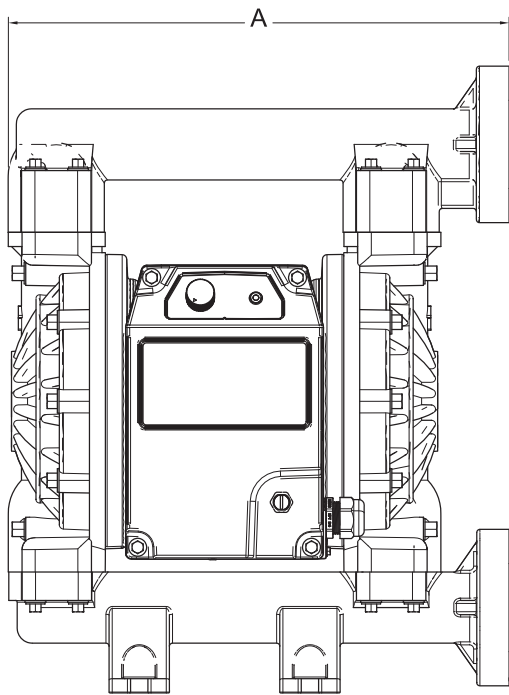
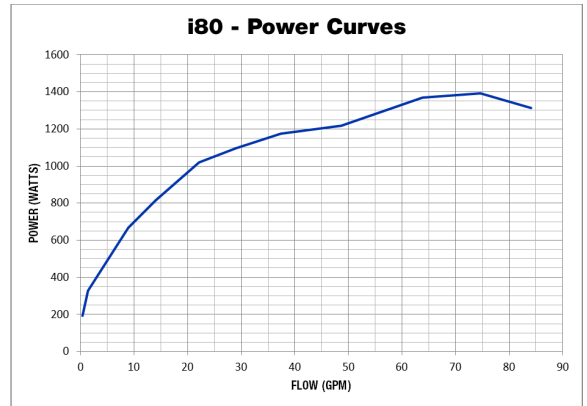
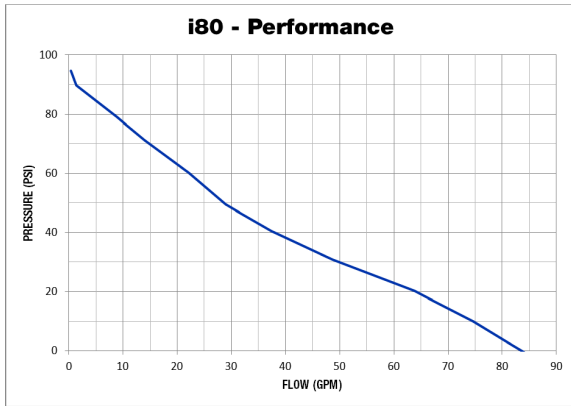
Type	Flux-Core drive
Speed	50Hz / 60 Hz
Voltage	1-ph 230V
Maximum Amperage Load	15 A (230V)
IP Rating	IP66
Control	Local + Remote (4-20mA)

Performance Chart



Performance may vary based on pump materials, suction condition, discharge pressure, and fluid type.

SPE-Q-i80 Model Performance, Power & Dimensions



DIM REF.	IN	CM
A	17.60	44.70
C	13.87	35.23
D	5.23	13.28
E	22.00	55.88
F	19.30	49.02
G	3.00	7.62
H	5.85	14.86
J	6.00	15.24
K	6.00	15.24