

QF4400SU

Quaternary Diaphragm Pumps Single-Use

- Disposable wetted pump chamber
- Separate control box for manual operation available

Technical Data

| QF4400SU Standard Motor | | |
|--|---|--|
| Flow Rate Maximum: | Eccentric Shaft 6° | 5000 lph (83 lpm) |
| Flow Rate Minimum: | Eccentric Shaft 6° | 150 lph (2.5 lpm) |
| Pressure: | Temperature of Fluid < 40° C (104° F) | 4 bar (58 psi) |
| | Temperature of Fluid > 40° C (104° F) | 4 bar (58 psi) |
| Maximum Temperature: | Fluid | 60° C (140° F) |
| | Autoclave | 130° C (266° F) |
| Suction Lift Dry at 1800 rpm: | Eccentric Shaft 6° | 4 - 4.5 m (13.1-14.7 ft) |
| Volume Specifications: | Approximated Volume per Revolution at Free Output | 95 ml |
| | Filling Volume Without Connectors | 820 ml |
| Connection Specification (Standard): | Connectors | 1.5" TC |
| | Position of Connectors | Front |
| Product Wetted Materials (Standard): | Pump Chamber | PP |
| | Valve Plate | PP |
| | Diaphragms | TPE |
| | Valves | EPDM / SS316L |
| Certificates/ Proofs (Optional): | Elastomere (product wetted) | USP <88> Cl. VI; FDA21CFR177; BSE/TSE Safe; USP 87/381/661 |
| | | |
| Motor: | Rated speed | 1410 min-1 (50 Hz) |
| | Voltage | 230/400 V |
| | Power | 2.2 kW |
| Pump Dimension with Motor and Housing: | Length | 852 mm (33.54") |
| | Width | 250 mm (9.84") |
| | Height | 333 mm (13.11") |
| Pump Weight with Motor and Housing: | | 105 kg (232 lb) |

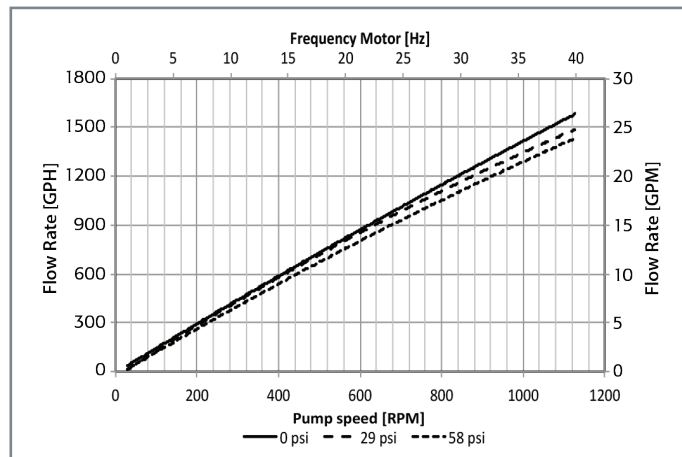
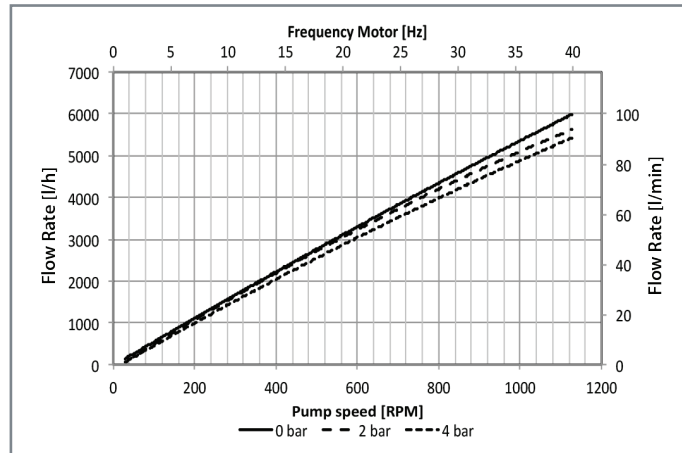
Other connection specifications, materials and motors available on request.

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Performance Charts Eccentric Shaft: 6°



Depending on the selected motor/frequency drive combination, the motor frequency and the resulting pump speed might differ.