SFQ/SQ Stainless Steel pumps

**Material**
- **SFQ**
  - Impeller: 316 Stainless Steel
  - Casing: 316 Stainless Steel
  - Mechanical Seal: Silicon Carbide
  - Motor Frame: 316 Stainless Steel
  - Shaft: 316 Stainless Steel
  - Fasteners: 316 Stainless Steel
  - Cable: PVC Sheath, Chloroprene Sheath

- **SQ**
  - Impeller: 304 Stainless Steel
  - Casing: 304 Stainless Steel
  - Mechanical Seal: Silicon Carbide
  - Motor Frame: 304 Stainless Steel
  - Shaft: 304 Stainless Steel
  - Fasteners: 304 Stainless Steel
  - Cable: PVC Sheath

**Performance Curves**

- **SFQ**

- **SQ**
Stainless steel pumps are rust free and corrosive resistant!

Features: SFQ Series
- All wetted components are 316 Stainless Steel
- Viton elastomers
- Dual inside mechanical seals with Silicon Carbide faces, operate in an oil filled chamber and are protected by an exclusionary lip seal, providing the most durable seal available.
- Optional 316 SS Guide rail system is available for models from 7.5 - 15hp.
- Built in motor protector senses excess heat and amperage draw built up in the motor.
- Seal pressure relief system features an independent chamber separate from the oil casing in which the mechanical seal is housed. (From 7.5 - 15hp)

Features: SQ Series
- All components including motor frame are made of SS 304 Stainless Steel.
- Non-toxic white mineral oil is used as the lubricant.
- The flow-through design and heat resistant Silicon Carbide Mechanical Seals assist in cooling in the event of run-dry situations.
- Built in motor protector senses excess heat and amperage draw built up in the motor.
- Semi-vortex, stainless steel impeller passes solids and stringy material without clogging and increases wear resistance when pumping abrasive particles.

### SFQ/SQ SERIES

**Impeller:** 304 Stainless Steel  
**Casing:** 304 Stainless Steel  
**Mechanical Seal:** Silicon Carbide  
**Motor Frame:** 304 Stainless Steel  
**Shaft:** 304 Stainless Steel  
**Fasteners:** 304 Stainless Steel  
**Cable:** PVC Sheath

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**MOTOR SPECIFICATIONS**

|-------|------------------|-------|-------------|-------------|-----|------------------------|--------------------------|------------------------|-------------------------------------|-----------------|
| 50SFQ2.75 | 1 Three | 115V 230V 208V 230V 460V 575V | 3.5 3.1 1.6 1.4 | 3430 | 2 9.15/16 15 11/16 0.236 | 14 1/8 | 49  
| 80SFQ2.515 | 2 Three | 115V 230V 208V 230V 460V 575V | 6.9 6.7 3.4 2.7 | 3450 | 3 12 15/16 19 1/16 0.236 | 16 3/8 | 79  
| 80SFQ2.375 | 3 Three | 115V 230V 208V 230V 460V 575V | 13.8 12.8 6.4 5 | 3410 | 3 14 1/8 21 5/16 0.591 | 19 1/2 | 115  
| 100SFQ2.515 | 7.5 Three | 115V 230V 208V 230V 460V 575V | 19.3 18.2 9.4 7.5 | 3545 | 4 25 3/8 33 1/4 0.787 | 27 1/8 | 278  
| 100SFQ2.515 | 10 Three | 115V 230V 208V 230V 460V 575V | 26.0 24.4 12.2 9.5 | 3545 | 4 25 3/8 33 1/4 0.787 | 27 1/8 | 276  
| 100SFQ2.11 | 15 Three | 115V 230V 208V 230V 460V 575V | 37.0 35.2 17.6 13.9 | 3525 | 4 25 3/8 35 1/8 0.906 | 28 | 320  

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**MODELS**

|-------|------------------|-------|-------------|-------------|-----|------------------------|--------------------------|------------------------|-------------------------------------|-----------------|
| 50SQ2.45 | 1/2 Single | 115V 230V 208V 230V 460V 575V | 3.5 3.4 | 3376 | 2 7 1/16 14 5/16 0.236 | 2 3/8 | 28  
| 50SQ2.75 | 1 Three | 115V 230V 208V 230V 460V 575V | 3.5 3.4 1.6 1.3 | 3349 | 2 7 1/16 15 1/8 0.236 | 2 3/8 | 31  

* 208 & 230V same motor