PRODUCT FEATURES AND BENEFITS
• Reliable and heavy duty design
• Energy efficient
• Quiet performance with minimal vibration
• Superior shaft seal design
• High pressure capability
• 3-A (optional) and EHEDG certified
• Designed for CIP (Cleaning In Place) as well as SIP (Sterilizing In Place)
• Suitable for wide variety of products
• Wide range of optional features available
• Easy and cost effective maintenance

SEAL ADVANTAGES
• Designed without dead pockets and for frequent exchange of liquid.
• Internal seal design optimizes cooling and lubrication of seal surfaces while the seal chamber is built to efficiently dissipate heat. Both work to reduce risk of “dry-running”
• Directed flow assures thorough cleaning of seal area
• The stationary spring is located outside the product contact area to maintain cleanliness
• Two sizes cover all models (excl. W+50/600)
• Front loading seal simplifies maintenance: only the pump housing and impeller have to be disassembled, then the shaft seal can be replaced quickly from the front
• Can easily be rebuilt into a double mechanical shaft seal for use with water flushing or with a barrier medium for aseptic applications
• Double mechanical is mirror image of single: same seal faces and O-rings

Typical Product Applications

Beverage
Beer
Cider
Fruit Drinks
Liquid Sugar and Glucose
Soft drinks
Wine
Wort

Food
Animal oils
Flavourings
Pet food
Soups & Sauces
Vegetable juice
Vegetable oils

Dairy
Cream
Milk
Milk concentrate
Raw milk
Skimmed milk
Whey
Whey concentrate
Vinegars

Pharmaceutical and Toiletries
Emulsions
Extracts
Lotions
Perfumes
WFI (Water for Injection)
High Purity Water
Pure water

Chemical
Additives
Adhesives
Coatings
Contaminated liquids
Detergents
Emulsions
Paint
Composite performance curves (50 Hz)

Inducer pumps (W+i), aseptic pumps (W+a), electropolished pumps (W+e), high pressure pumps (W+hp) and self priming pumps (W+s) also available.

PRODUCT CONTACT PARTS
SS 316L

OTHER METALLIC PARTS
SS 304

SHAFT SEAL
Carbon/Silicon Carbide; Optional: Silicon Carbide/Silicon Carbide

ELASTOMERS
EPDM (FDA Compliant); Optional: FPM, FEP encapsulated FPM

MAX. DISCHARGE PRESSURE
Optional: Heavy duty clamping ring, increasing max. outlet pressure to 20-25 bar (290-363 psi) depending on specific model.

MAX. OPERATING PRESSURE
95°C (203°F) as standard. > 95°C (203°F), please contact SPX FLOW

Based in Charlotte, North Carolina, SPX FLOW, Inc. (NYSE: FLOW) is a multi-industry manufacturing leader. For more information, please visit www.spxflow.com