

Centrifugal Pumps

W+ SERIES

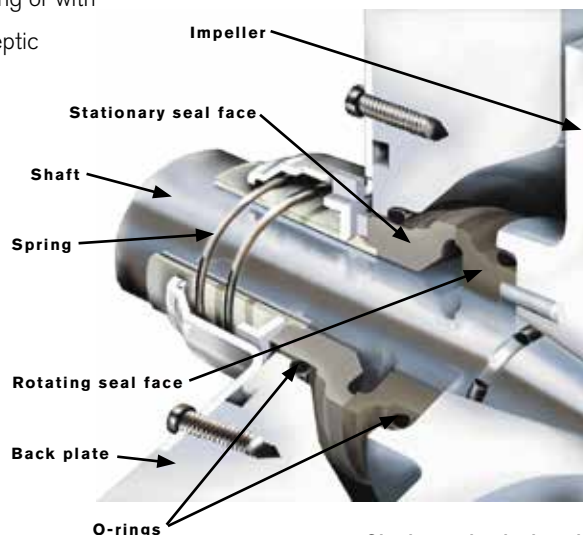
PRODUCT FEATURES AND BENEFITS

- 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



Single mechanical seal
www.sks-online.com

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

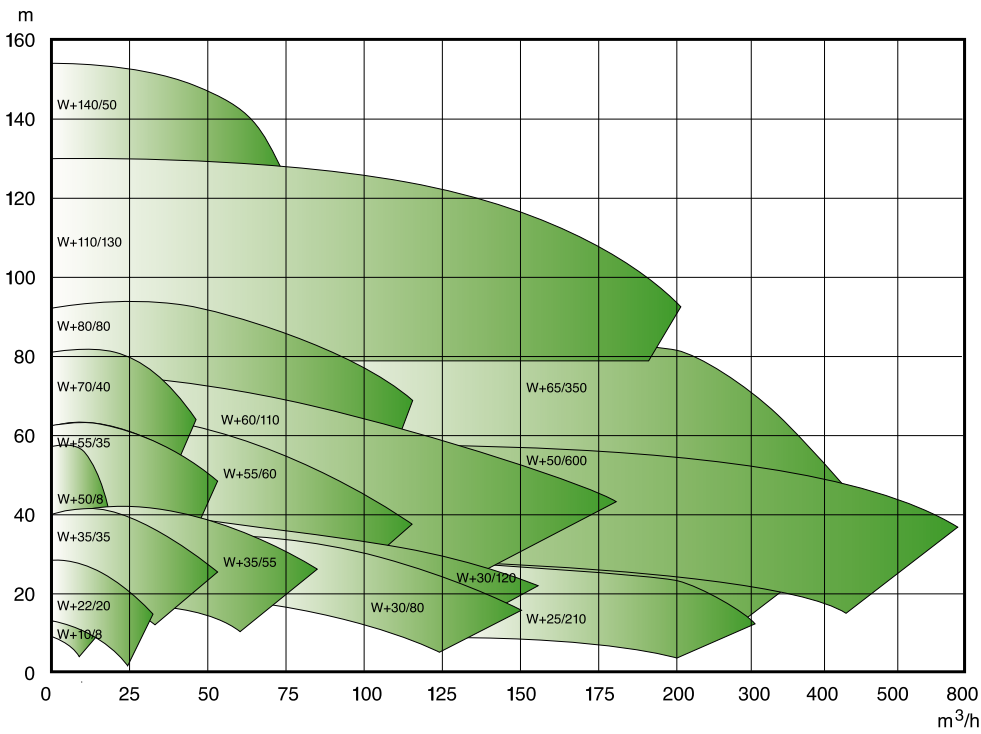


Chemical

Additives
Adhesives
Coatings
Contaminated liquids
Detergents
Emulsions
Paint



COMPOSITE PERFORMANCE CURVES (50 HZ)



Inducer pumps (Wi+), aseptic pumps (Wa+), electropolished pumps (We+), high pressure pumps (Whp+) and self priming pumps (Ws+) also available.

TECHNICAL DATA - W+ SERIES

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	18 bar (261 psi): W+10/8, W+22/20, W+30/80, W+35/55, W+35/35, W+110/130 14 bar (203 psi): W+25/210, W+30/120, W+50/8, W+55/35, W+55/60, W+60/110, W+65/350, W+70/40, W+80/80 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

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