

## Centrifugal Pumps

W+ SERIES

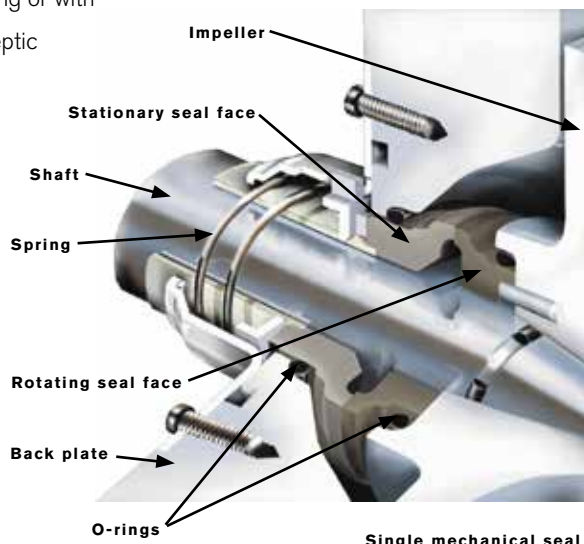
### PRODUCT FEATURES AND BENEFITS

- 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



### 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  
Vinagars



#### Pharmaceutical and Toiletries

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

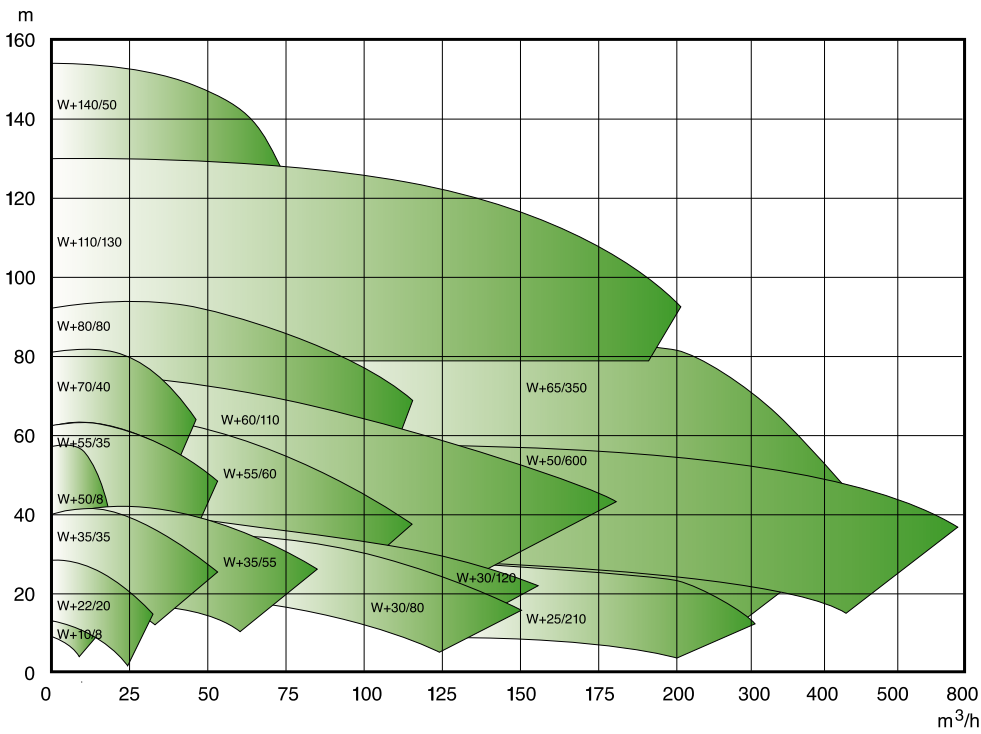


#### Chemical

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

<b>PRODUCT CONTACT PARTS</b>	SS 316L
<b>OTHER METALLIC PARTS</b>	SS 304
<b>SHAFT SEAL</b>	Carbon/Silicon Carbide; Optional: Silicon Carbide/Silicon Carbide
<b>ELASTOMERS</b>	EPDM (FDA Compliant); Optional: FPM, FEP encapsulated FPM
<b>MAX. DISCHARGE PRESSURE</b>	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.
<b>MAX. OPERATING PRESSURE</b>	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](http://www.spxflow.com)

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