

# Sanitary Pumps

## DanPumps S-FP Pumps for sanitary applications

### Product Applications

DanPumps hygienic pumps are suitable for various applications within the dairy, food, brewery, chemical and personal care industries.

### Design

The pump ensures maximum efficiency with the highest sanitary standards. The design follows EHEDG guidelines, and all elastomers delivered with the DanPumps S-FP Pumps are FDA approved.

### Materials

Product wetted steel parts	1.4404	AISI 316L
Product wetted seals	Single and double mechanical seal	
Other parts	1.4301	AISI 304

### Connections & Performance:

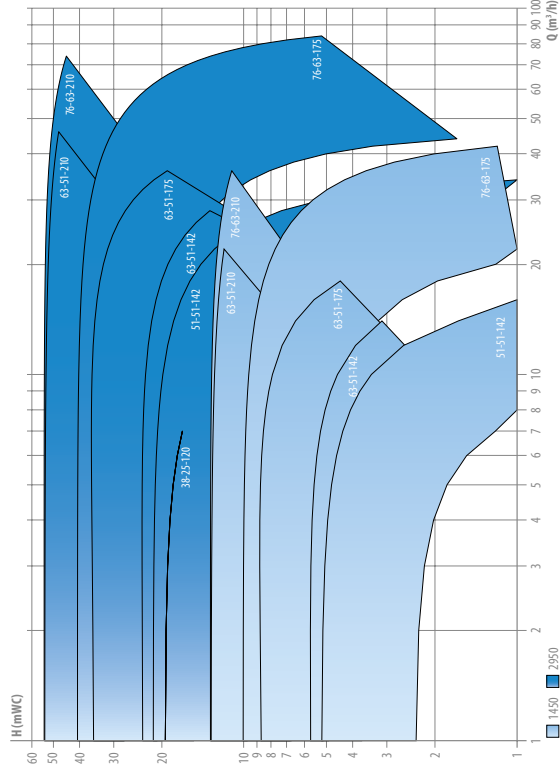
- Dairy unions are designed according to all known standards
- Flow rates up to 100 m<sup>3</sup>/h

### Operation standards:

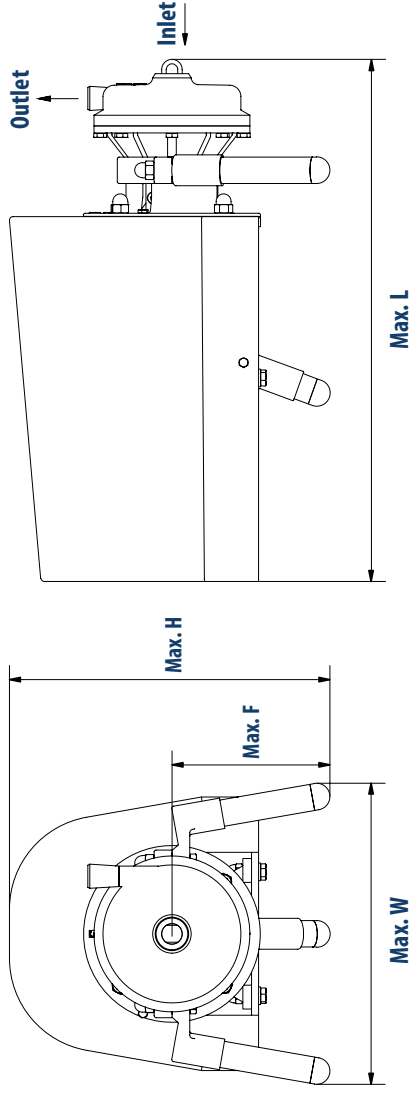
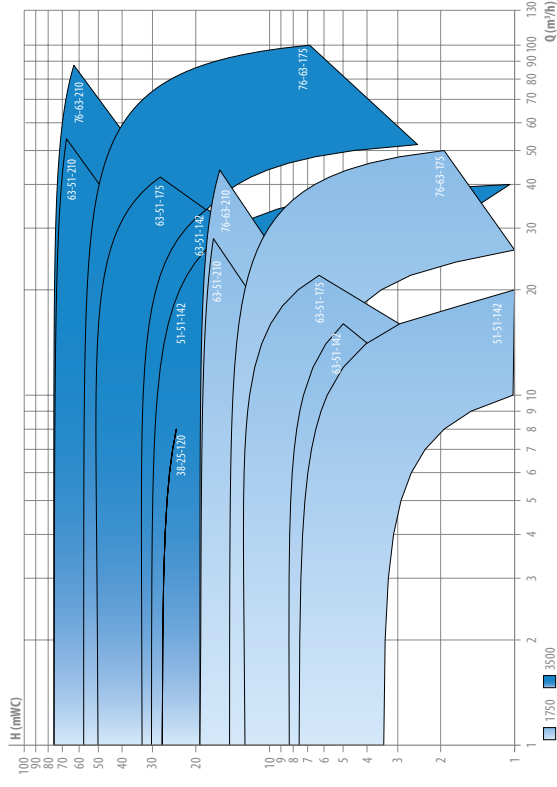
- The volute reduces turbulence and ensures gentle product handling.
- The impeller design and placement of the volute ensure high efficiency.
- The low NPSH guarantees good suction capacity, gentle product treatment, and a low noise level.
- The flexible design makes it easy to change from a single mechanical to double mechanical sealing.
- Maintenance is easy, thanks to the front-loaded shaft seal, which can be quickly and easily replaced without the need for any special tools.



## Performance Curves for the Complete DanPumps S-FP Range at 50 Hz Featuring Maximum and Minimum Impeller Diameters



## Performance Curves for the Complete DanPumps S-FP Range at 60 Hz Featuring Maximum and Minimum Impeller Diameters



## Complete DanPumps S-FP range - 2 & 4 Pole

Type	Inlet	Outlet	Max. F	Max. Height	Max. Width	Total Length
S-FP 38-25-120	38 mm	25 mm	179 mm	362 mm	340 mm	590 mm
S-FP 51-51-142	51 mm	51 mm	227 mm	461 mm	357 mm	768 mm
S-FP 63-51-142	63 mm	51 mm	217 mm	461 mm	452 mm	768 mm
S-FP 63-51-175	63 mm	51 mm	252 mm	572 mm	369 mm	999 mm
S-FP 76-63-175	76 mm	63 mm	262 mm	572 mm	369 mm	999 mm
S-FP 63-51-210	63 mm	51 mm	261 mm	581 mm	369 mm	999 mm
S-FP 76-63-210	76 mm	63 mm	261 mm	581 mm	369 mm	998 mm