

# Sanitary Pumps

## DanPumps S-FP Pumps for sanitary applications

### Product Applications

DanPumps hygienic pumps for any application within the dairy, food, brewery, chemical and personal care industries.

### Design

The pump ensures maximum efficiency with the highest sanitary standards. The design is according to the 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

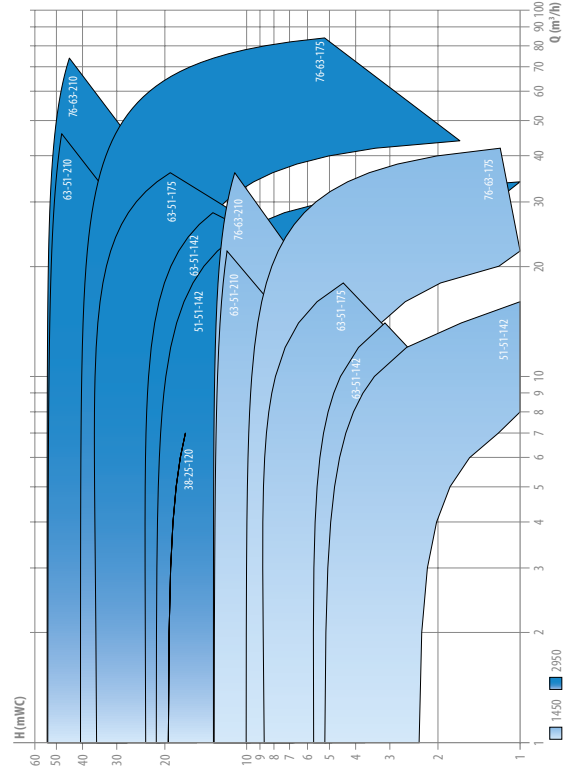
### Connections & Performance:

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

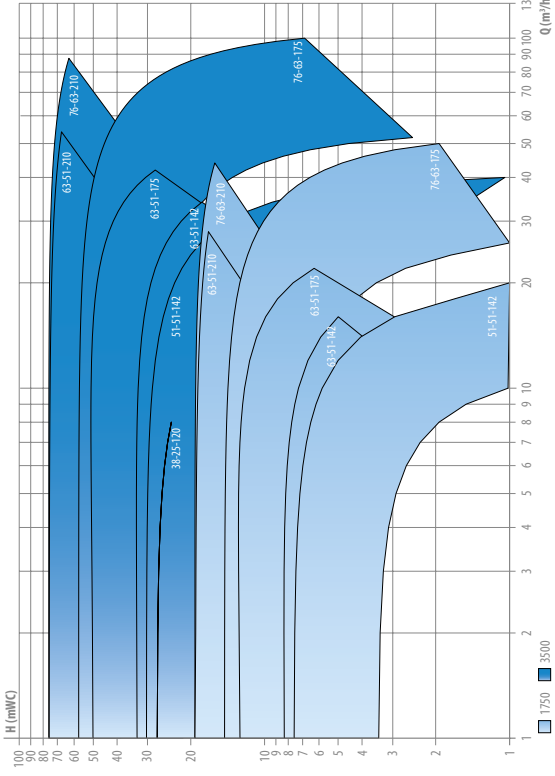
### Operation standards:

- The volute reduces turbulence and ensures gentle product handling
- The impeller design and placement of the volute ensures high efficiency
- The low NPSH guarantees good suction capacity, gentle product treatment and a low noise level
- Flexible design makes it easy to change from single mechanical to double mechanical sealing
- Easy maintenance since the front-loaded shaft seal is fast and simply changeable without any use of special tools

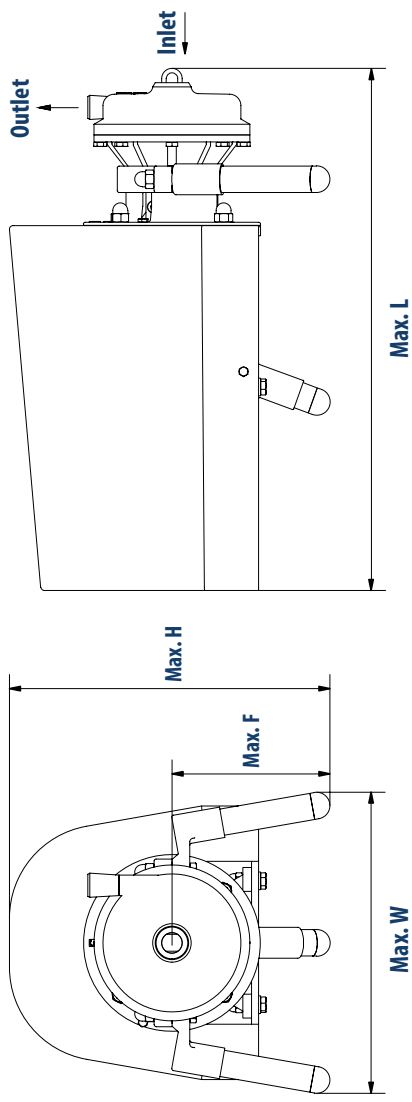




Performance Curves - Complete DanPumps S-FP range  
**50 Hz with max. and min. impeller diameter**



Performance Curves - Complete DanPumps S-FP range  
**60 Hz with max. and min. impeller diameter**



**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