D-Serie

Process Pump

TSF Pump AB
Skepparegatan 10
311 73 Falkenberg
Sweden

Phone Englis/Scandinavian: +36 736 730013
Phone Hungarian: +36 30 2256 788
E-mail: info@tsfpump.com

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About.

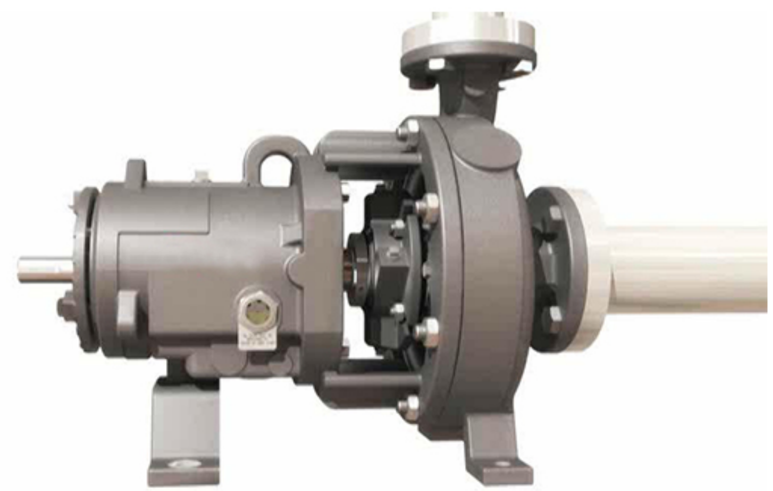
Lower total cost of ownership from reverse vane impeller, which eases maintenance and provides renewable, high-efficiency performance over the pumps' life.

Increased reliability and mechanical seal life due to the ideal seal
environment created by the SealSentry seal chamber.

Ease of maintenance resulting from optimal, predictable seal chamber pressures that are re-established after every impeller setting.

Extended mechanical seal and bearing life through robust shaft and bearing designs that also minimize shaft deflection.

ASME B73.1 Specification for Horizontal End Suction Centrifugal Pumps for Chemical Process.



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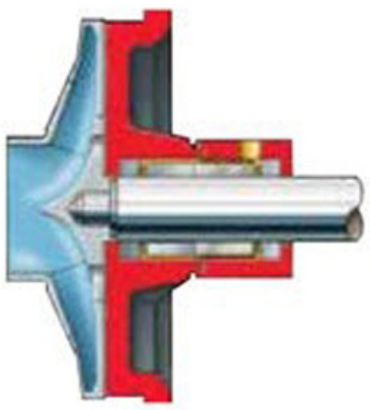
Design.

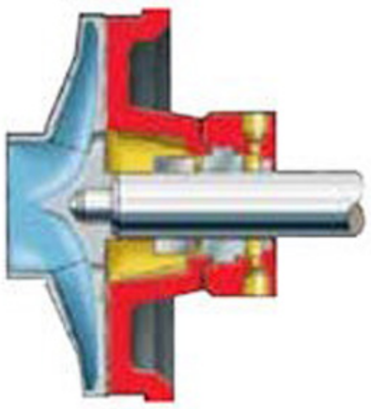
FML Designed with a large gland bolt and gasket circle, the FML is preferred for most applications:
•Single internal cartridge seals
•Dual internalexternal cartridge seals
•Single internal component seals with flexibly mounted seats
•Dual internal"true" tandem design cartridge seals

2.**FMI-**The FMI incorporates a cast-in integral gland. It utilizes the shaft sleeve for seal setting and fast instal-lation. It may be used with Single internal, flexibly mounted seals Sanitary-type applications

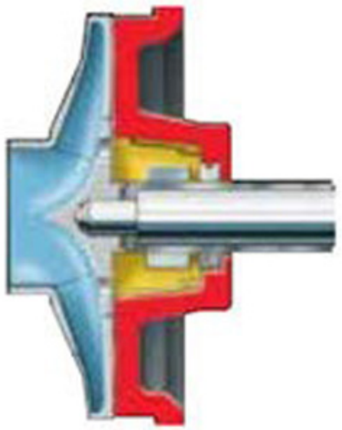


CBL With an oversized cylindrical step bore, the CBl is ideal for seals with large gland bolt and gasket circles. It may be used with:
•Dual internal component seals that isolate the seal chamber from the process with external barrier fluid
•Single seal with throttle bushing and flush to boost pressure over flash point

1.**FMS-** Similar to the FMI the fms accommodates seals with small gland bolt and gasket circles. It is ideal for all mounting configurations of single seals



3.**CBS-** The CBS is designed for packing arrangements and conventional seals with small gland bolt and gasket circles.



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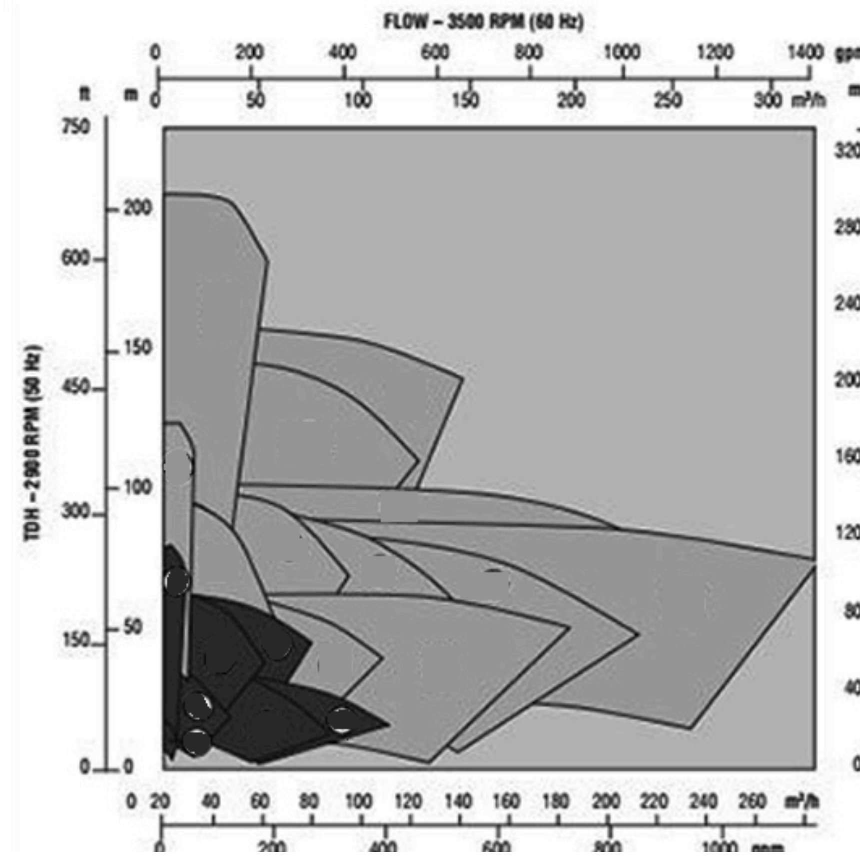

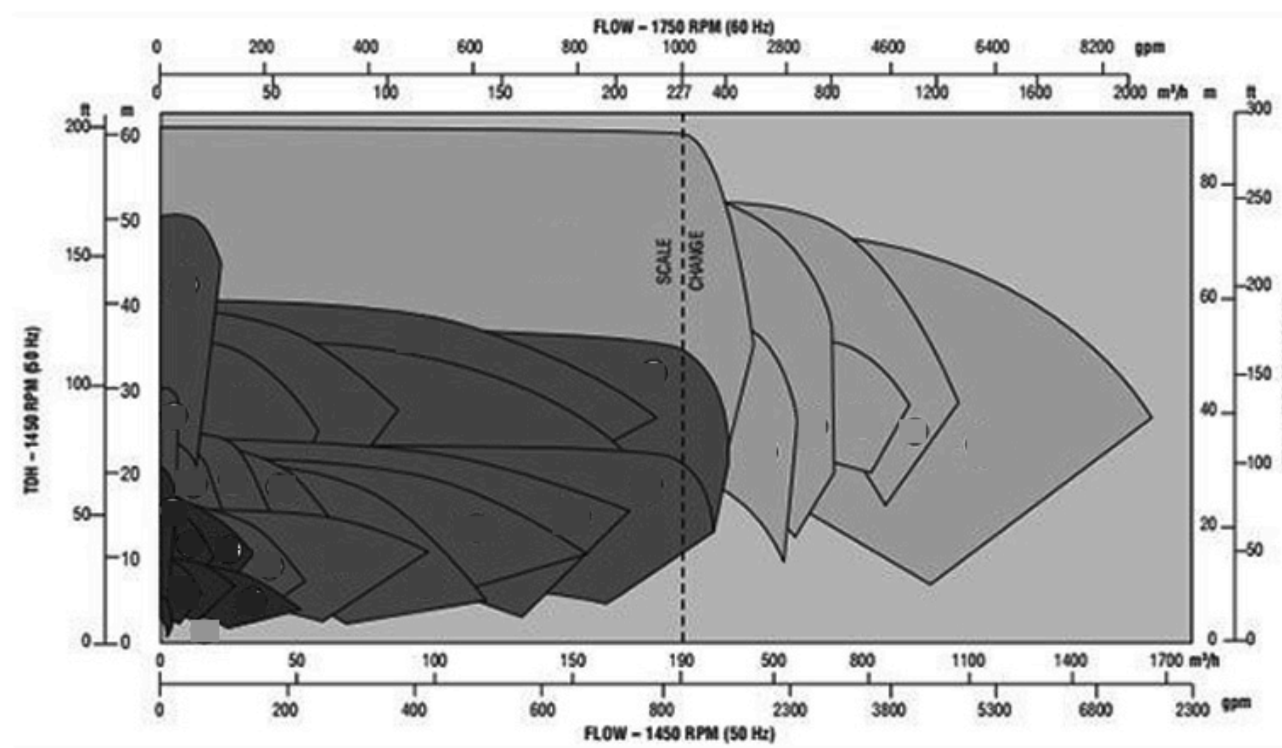

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Material:

Material: (- …) = TSF material code
Ductile iron (-07)
Carbon steel (-30)
SIS2343,EN1.4436, AISI316 (-34)
Ferralium 255 (-95)
Alloy 20 (- 64)
DV (-50)
Inconel 600 (-40)
Monel 400 (-35)
Nickel 200/UNS02200 (-41)
Hasteloy B2/UNS10665 (-42)
Hasteloy C-276/UNS N10276 (-43)
Duriron (-S01)
Durichlor 51 (-S02)
Superchlor (-S03)
DC-8 (- DC8)
Titanium (- 48)
Titanium- Pd(- 48A)
Zirconium (- Zr40)

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Application:

Acid Transfer
- Brine
- Chemical Processing
- Petrochemical Processing
- Corrosive services
- Food and beverage Processing
- Hydrocarbon processing
- Pharmaceuticals
- Polymers
- Pulp and paper
- Sea water
- Slurries
- Solvents
- Steel and primary metals
- Water and waste water Treatment

Specifications:

Speed:1500rpm–2900rpm/1750rpm–3500rpm
Capacity:1680m3/h (7400usgpm) (max)
Head:215m(700ft) (max)
Pressure:27bar (400psi)
Temperature of liquid: -73°C to 370°C , PH=0-14

Manufactured to meet ANSI/ASME B73.1 standard