



SealSentry™ CRC Seal Chambers

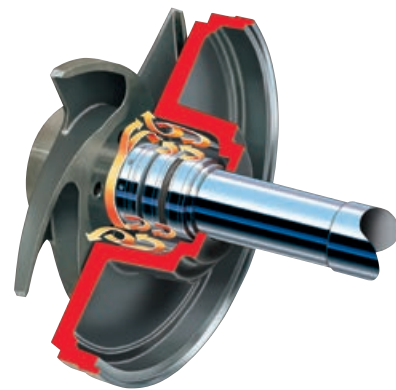
FML Seal Chamber Retrofit for ASME (ANSI) Process Pumps



Extend Seal Life in Many Manufacturers' Pumps

With the introduction of Flowserve SealSentry CRC seal chambers, proven FML technology can now be deployed to extend mechanical seal life in popular pump models from Goulds, Griswold, Peerless and Summit. Instead of installing replacement seals in obsolete or less-than-ideal seal chamber designs, now you can employ a seal chamber-mechanical seal solution that optimizes the seal operating environment, maximizing mechanical seal life.

Available for the Following Pump Models	
Goulds	3196
	3196LF
	3796
	3196CV
Griswold	811
Peerless	8196
Summit	2196



An Optimized Operating Environment

With a tapered, oversized bore and integral flow modifiers, the SealSentry CRC seal chamber protects seal faces and components from solids, vapor and excessive heat. Here's how:

- Flow modifiers redirect flow from circumferential to axial
- Balanced flow with low-pressure drop in the chamber helps keep solids in suspension, minimizing erosion
- The mechanical seal creates centrifuging action away from its parts
- Solids and slurry merge into the returning flow path and are flushed from the seal chamber

Increase Reliability and Lower Costs

By combining the SealSentry CRC seal chamber with advanced mechanical seal designs, you can simplify your pump system, increase reliability and save money.

- Reduce or eliminate the need for costly seal support systems
- Use less expensive seals and flush plans
- Improve mechanical seal performance, reliability and life
- Handle higher solids level

The FML design incorporates a tapered bore with an oversized gland bolt and gasket circle, which is ideal for most applications, including:

- Single internal cartridge seals
- Dual internal and external cartridge seals
- Single internal component seals with flexibly mounted seats
- Dual internal “true” tandem design cartridge seals

SealSentry CRC Seal Chamber Specification Guide

Replacement Rear Cover Part Number	Stocked Materials (Designation)	Rear Cover Replaced	Applicable Flowserve ISC2 Mechanical Seal
CY60636A	CD4MCuN (CD4M)	Group 1, 8-in STX	C2CPX1375ECXVB
CY60812A		Group 2, 8-in MTX/LTX	C2CPX1750ECXVB
DY60629B		Group 2, 10-in MTX/LTX	C2CPX1750ECXVB
DY60635A		Group 2, 13-in MTX/LTX	C2CPX1750ECXVB
DY60945A		Group 3, 13-in XLT	C2CPX2500ECXVB
DY60948A		Group 3, 15-in XLT	C2CPX2500ECXVB

Most sizes are stocked and available for immediate shipment.

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