



Submersible pumps

100mm SandHandler

TRI-SEAL™ *Floating Stage System*

U.S. Patent No. 7,290,984



Franklin Electric

Submersible pumps

100mm SandHandler

The J-Class SandHandler 100mm submersible pump features the new TRI-SEAL™ floating stage system. This new stage system further improves efficiency and protects against wear when pumping abrasives (sand). All J-Class SandHandler pumps are unconditionally guaranteed against sand locking in abrasive well conditions for one full year.

Features

- Stainless steel hub floats with the impeller maintaining a positive seal
- Phenolic washer provides down-thrust protection
- Celcon® * impeller provides high efficiency performance and abrasion resistance
- Noryl® * diffuser and disc - proven abrasion-resistant material
- Floating stage design allows impeller to float independently
- Removable, spring-loaded check valve on models with 1 1/4" outlet
- Available in seven performance ranges: 20, 30, 40, 70, 90, 150 and 200l/min
- Ceramic shaft sleeve and rubber discharge bearing protect shaft and eliminate sand wear
- Powered by Franklin Electric corrosion-resistant 100mm submersible motors.

Patented impeller hub seal system seals radially and axially to prevent fluid recirculation. Providing high performance in the harshest conditions.

TRI-SEAL™ Floating Stage System

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Seal 1

Phenolic washer provides axial sealing as impeller floats in the stage

Seal 2

Stainless steel hub seal is captured but not stationary, floating with the impeller for maximum sealing

Seal 3

Stainless steel impeller eye seal

* Note: Celcon® is a registered trademark of The Celanese Corporation
Noryl® is a registered trademark of G.E.

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NSF/ANSI 61



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Service and Support - Franklin Electric is the leading manufacturer of world-class pumping system solutions providing the highest quality, availability, service, innovation and value in the industry. Backed by unsurpassed expertise throughout Africa, these leading brands are ideal for various pumping applications.