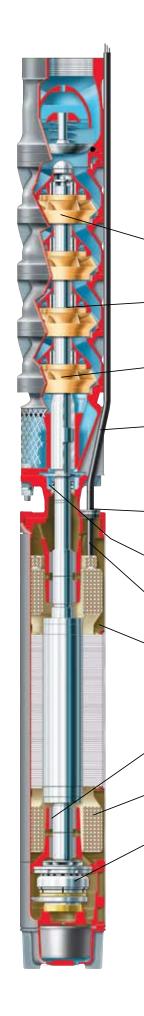


Submersible Pumps and Motors



Pleuger[®] Water-Filled Design

Pleuger submersible units offer an extraordinary range of performance.

The water-filled and wet wound motors are environmentally friendly, provide high efficiency and offer great reliability.

Pumps

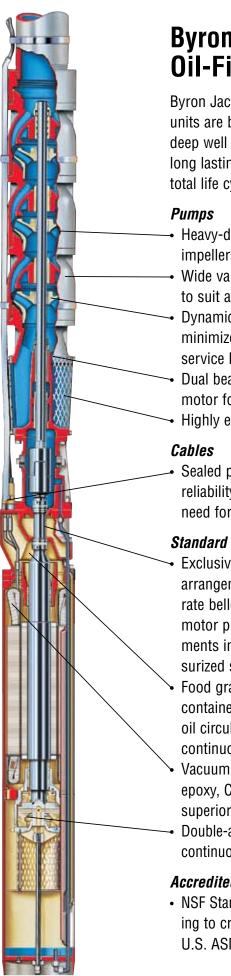
- Heavy-duty and high-efficiency
 impellers and bowl cases
- Wide variety of bearing, impeller and bowl casing materials to suit any application
- Dynamically balanced impellers to minimize vibration and maximize service life
- Compact adaption system between pump and motor for maximum shaft support

Cables

Power cable internally connected to eliminate potential leaks

Standard Design Features Motors

- Pressure balanced mechanical seal available in many materials to best suit application
- NEMA connections for universal fit Prefilled motors with food grade
- additives for freeze and rust protection • Large, double journal bearings water lubricated and maintanance free for
- lubricated and maintenance free for extended service life
- Non-toxic Class Y winding insulation for potable water services
- Heavy-duty, adjustable, self-aligning thrust bearings for extended motor life
 Motors with CSA, WIMES 3.03, EMV,
- KTV, CE, VDE and other authority certifications



Byron Jackson® Oil-Filled Design

Byron Jackson oil-filled submersible units are built for the most demanding deep well services. Rugged, reliable and long lasting, these units offer significant total life cycle cost savings.

- Heavy-duty and high-efficiency
 impellers and howl asses
- impellers and bowl cases
- Wide variety of material available to suit any application
- Dynamically balanced impellers to minimize vibration and maximize service life
- Dual bearings between pump and motor for maximum shaft support
 Highly efficient suction inlet design
- Sealed power cable plug-in feature for reliability and ease of installation; no need for field splicing

Standard Design Features Motors

Exclusive double mechanical seal arrangement incorporating two separate bellows type seals for double motor protection. Other seal arrangements include mercury seal and pressurized single seal.

- Food grade oil-filled with internal selfcontained force feed, filtered, cooled oil circulation system to maintain continuous lubrication
- Vacuum pressure impregnated (VPI) epoxy, Class F insulation system for superior insulation and long service life
 Double-acting thrust bearing system for continuous up or down thrust capability

Accredited for Drinking Water Services

- Certification program accredited by
- RvA, the Dutch Council for Accreditation

Accredited for Drinking Water Services

 NSF Standard 61 Certification according to criteria established jointly by the U.S. ASME and NSF International

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Experience In Motion

