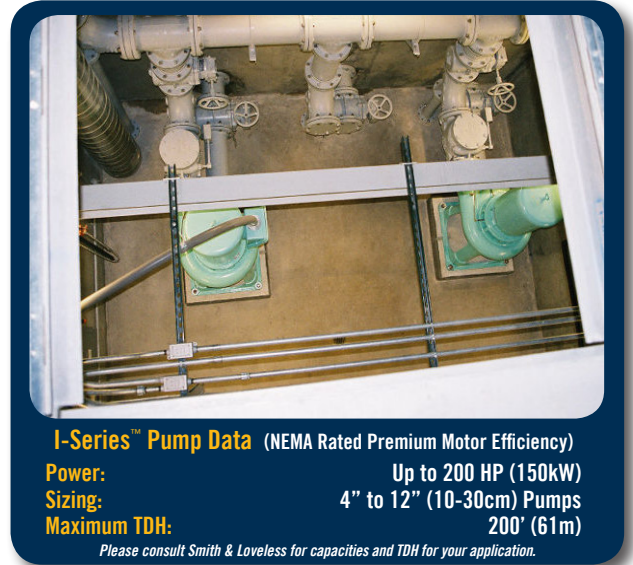


Introducing Durable Smith & Loveless Pumps Now with Flood Protection

I-Series™ Immersible Wastewater Pumps by Smith & Loveless offer superior, non-clog wastewater pumping with the protection you need in floodprone areas. Now you don't have to settle for lower efficiencies and shorter service life from submersibles awkwardly applied in dry-pit pump stations.

I-SERIES™ Pumps are available for underground, flooded suction & above-grade, vacuum-prime applications with these exclusive Smith & Loveless pump benefits:

- Capable of immersion up to 3 weeks for ample flood protection
- Premium efficiency motors save on energy costs
- Extra-large stainless steel shaft & superior pump components
- Easier & safer to inspect & maintain than submersibles
- Applied in new lift stations, bare pumps & retrofits



I-Series™ Pump Features

I-Series™ Pumps feature a compact pump design, which significantly reduces man-hours required for routine maintenance — like changing oil — associated with submersible pumps. *Other features include:*

TEFC cools motor under normal conditions and is watertight up to 30' (9m) for a period up to 3 weeks

Motor internally epoxy-treated — Class "F" insulation with class "B" temperature limit

Corrosion-proofed bolts and tappings

Oversize lower bearing (locked for no end play)

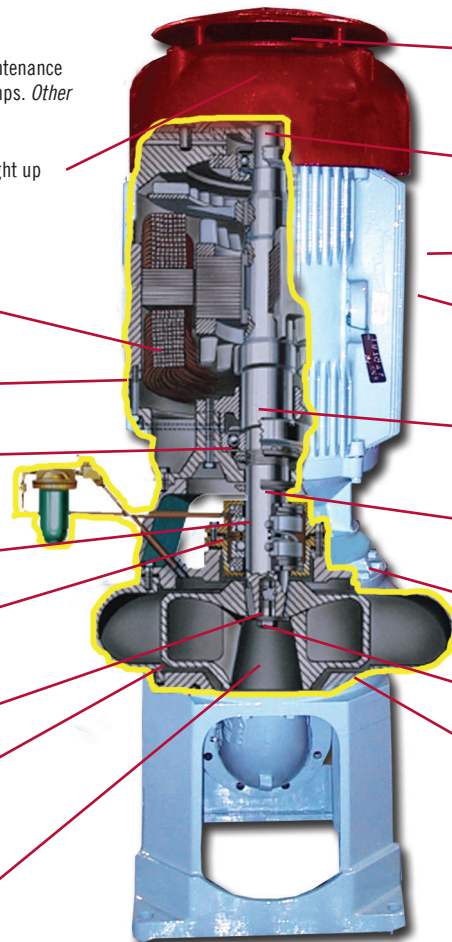
Stainless steel shaft through the mechanical seal

Bronze mechanical shaft seal cartridge with special heat dissipating design

Keyed and tapered shaft for positive lock and easy impeller removal

Heavy, cast iron balanced impeller

Streamlined impeller eye (passes 3" (7.6cm) sphere)



External surface two-part epoxy coated for maximum corrosion protection

Upper shaft seal motor protection (*not shown*)

Cast conduit box with gasketed cover (*not shown by angle*)

Sealed and permanently indexed motor leads (*not shown by angle*)

Oversized severe duty motor and pump shaft

Lower shaft seal motor protection

Heavy cast iron pump casing

Stainless steel "nylock" self-locking impeller cap screw

Close tolerances prevent recirculation, increase efficiency and eliminate need for wear rings