

7365

DEMERSIBLE® Solids Handling Non-Clog Pump

Design Features

Solids Handling Clogging Resistance - 3" spherical solids handling capability. This pump will easily pass the solids encountered in most industrial environments.

Reliable - Designed for continuous operation.

Simplified Maintenance - Self-lubricated. Only routine inspection required.

Installation Options - Can be installed on slide rails or as a stand alone pump (with the addition of optional legs).

Large Lifting Bail - Makes it easy to retrieve pump without snagging the power cord.

Preventive Self Monitoring - Control panel will advise user if a leak occurs into the seal chamber, providing time to schedule maintenance before the motor is exposed.

Slotted Discharge Connection - Allows easy retrofit to ANSI and ISO pipe flanges.

Capacities to 3,250 GPM
Heads to 250 Feet
Motors - 7.5 thru 60 HP
4", 6", 8" Discharge Sizes
Solids - 3" Spheres
Liquid Temperature:
104°F Continuous

Suitable for many Sump Applications including:

- General Drainage
- Stormwater Run-off
- Waste Treatment Plants
- Building Service
- Power and Utility Plants
- Pollution Control



Standard Materials of Construction

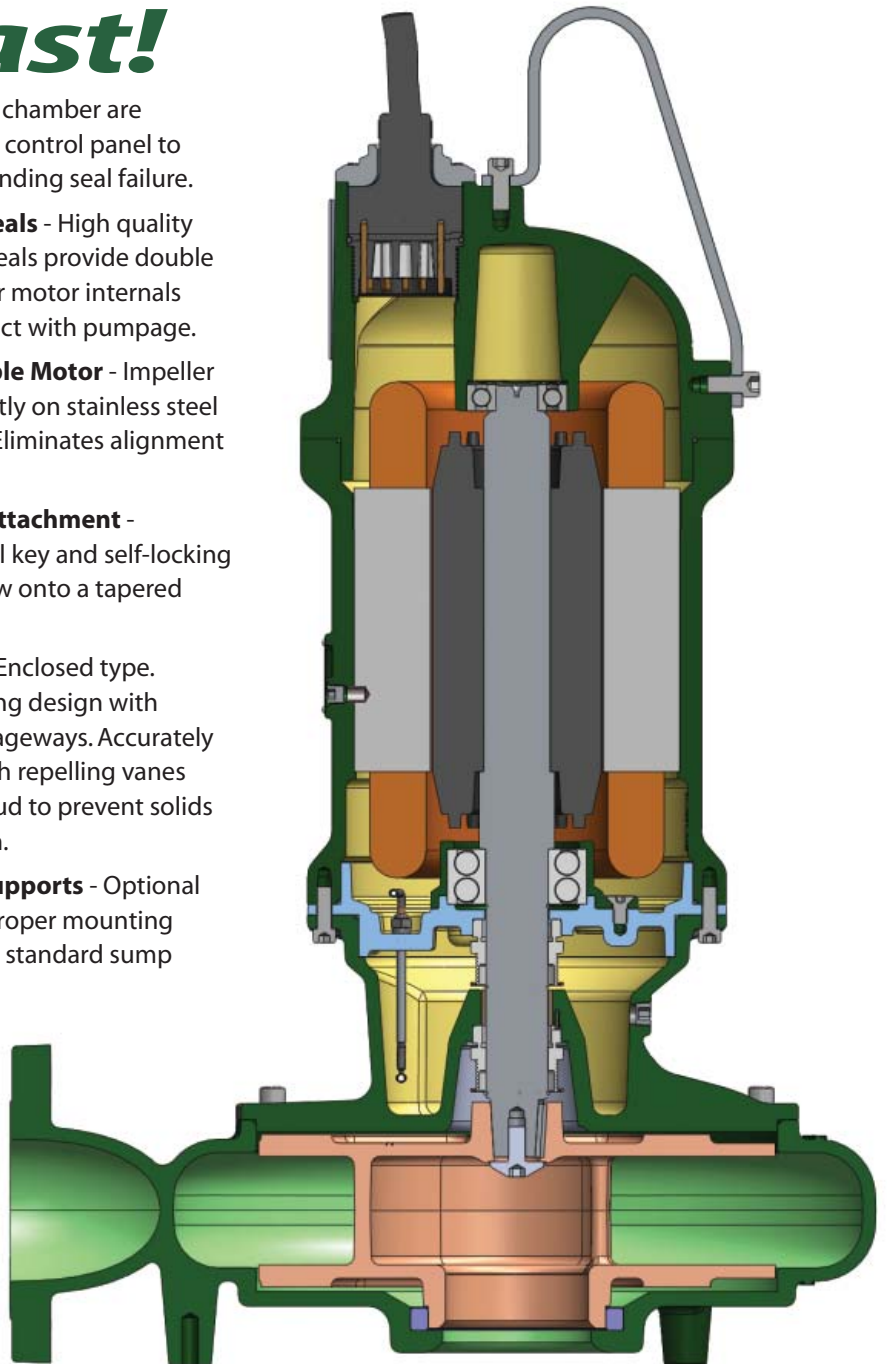
Part	Description
Impeller	Enclosed Dual Vane or Enclosed Monovane with Pump out vanes on backside. Dynamically balanced to ISO G6.3. Ductile Iron ASTM A-536, 65-45-12.
Motor	Inverter Duty Rated Premium Efficient motors per NEMA MG1 Part 31 for dependable VFD operation.
Shaft Hardware	The pump shaft, all fasteners and the large lifting bail are corrosion-resistant stainless steel.
Discharge Flange	Cast Iron, 125lb. Horizontal Flange slotted to accommodate ANSI or ISO flanges. CSA qualified Submersible Power Cable 2000V.

Built To Last!

- **Power Cable** - Motor is supplied with 50ft. multi-conductor cable as standard. Moisture detector and thermal protection leads are in same cable. 75ft and 100ft cables available.
- **Motor Leads** - Quick Disconnect Cord including power moisture & thermal leads up to 30 HP.
- **O-Ring Seal** - All motor frame fits have rabbet joints with large overlap and O-Ring seals.
- **Thermal Protection** - Built-in thermal protection is standard with automatic reset.
- **Smooth Cast Iron Case** - Rigid, strong, resists corrosion. No ridges or pockets to collect sludge.
- **Long Lasting Insulation** - Class F insulation system is designed for long winding life.
- **Large Deep Groove Lower Ball Bearing** - Clamped, takes up all radial and axial thrust. Bearings are conservatively rated and oil lubricated for maximum life.
- **Seal Chamber** - Sealed oil filled chamber between pump and motor provides lubrication for both seals giving motor complete environmental protection.
- **Moisture Detection System** - Moisture sensing probes located

in the oil seal chamber are connected to control panel to warn of impending seal failure.

- **Tandem Seals** - High quality mechanical seals provide double protection for motor internals against contact with pumpage.
- **Submersible Motor** - Impeller mounts directly on stainless steel motor shaft. Eliminates alignment problems.
- **Impeller Attachment** - Stainless steel key and self-locking impeller screw onto a tapered shaft.
- **Impeller** - Enclosed type. Solids handling design with smooth passageways. Accurately balanced, with repelling vanes on back shroud to prevent solids accumulation.
- **Integral Supports** - Optional feet ensure proper mounting height in free standard sump applications.



CRANE

A Crane Co. Company

PUMPS & SYSTEMS

Crane Pumps & Systems
420 Third Street
Piqua, Ohio 45356
(937) 778-8947
Fax (937) 773-7157
www.cranepumps.com

Crane Pumps & Systems Canada
83 West Drive
Brampton, Ont. Canada L6T 2J6
(905) 457-6223
Fax (905) 457-2650



© 2011 Crane Pumps & Systems, Inc.
A Crane Co. Company
Printed in U.S.A.
D7365BRO - Rev. A (11/11)

Member of
Hydraulic