DEMING®

brands you trust.

Demersible 7365 Series

Manufactured in the U.S.A.

Technical Data:

- *Heads to: 265'*
- *Flows to: 3,400 gpm*
- *Discharge Sizes: 3 - 10"*
- *Horsepower: 2 - 150*
- *RPM: 870, 1150, 1750, 3450*

Applications:

- *General Drainage*
- *Stormwater Runoff*
- *Building Services*
- *Power & Utility*
- *Pollution Control*
- *Dock Dewatering*
- *Process Wastewater*

BUILT TO LAST

Industry Leading Hydraulic Design

The Deming Demersible 7365 Series pumps provide superior clogging resistance against the increasing amounts of solids in the waste stream. Due to their exceptional hydraulic design they have unmatched performance efficiencies and solids handling capabilities up to 4". All pumps come equipped with ductile iron impellers for extra strength compared to cast iron and can be configured to the below impeller options:

Monovane Impellers are used for applications with lower head where the concentration of velocity in the single passage effectively passes solids.

Dual Vane/Tri Vane Enclosed Impellers are effective on applications with high flow and head due to their large passage areas.

Vortex Impellers are best for applications containing stringy solids and at low flow, high head operation.

X-Pruf® Rating

Provide protection in hazardous locations against flammable gases with an X-Pruf® rating. The rating is a standard design and safety feature on all Demersible 7365 products. All sizes in the Demersible product line are classified as Class I Division 1, Groups C&D Explosion Proof by CSA with an additional rating through FM on #2 and #3 frame models.

Non- Clog Testing Procedures

In order to confirm our design's abilities to minimize clogging, Crane Pumps & Systems conducts clogging tests in a special test rig. Various articles such as panty hose, dish cloths, cloth diapers, rope, torn cleaning pads, stuffed animals and the like are pushed into the pump inlet one at a time, and then two at a time until the pump clogs, benchmarking against a number of popular competitive designs.

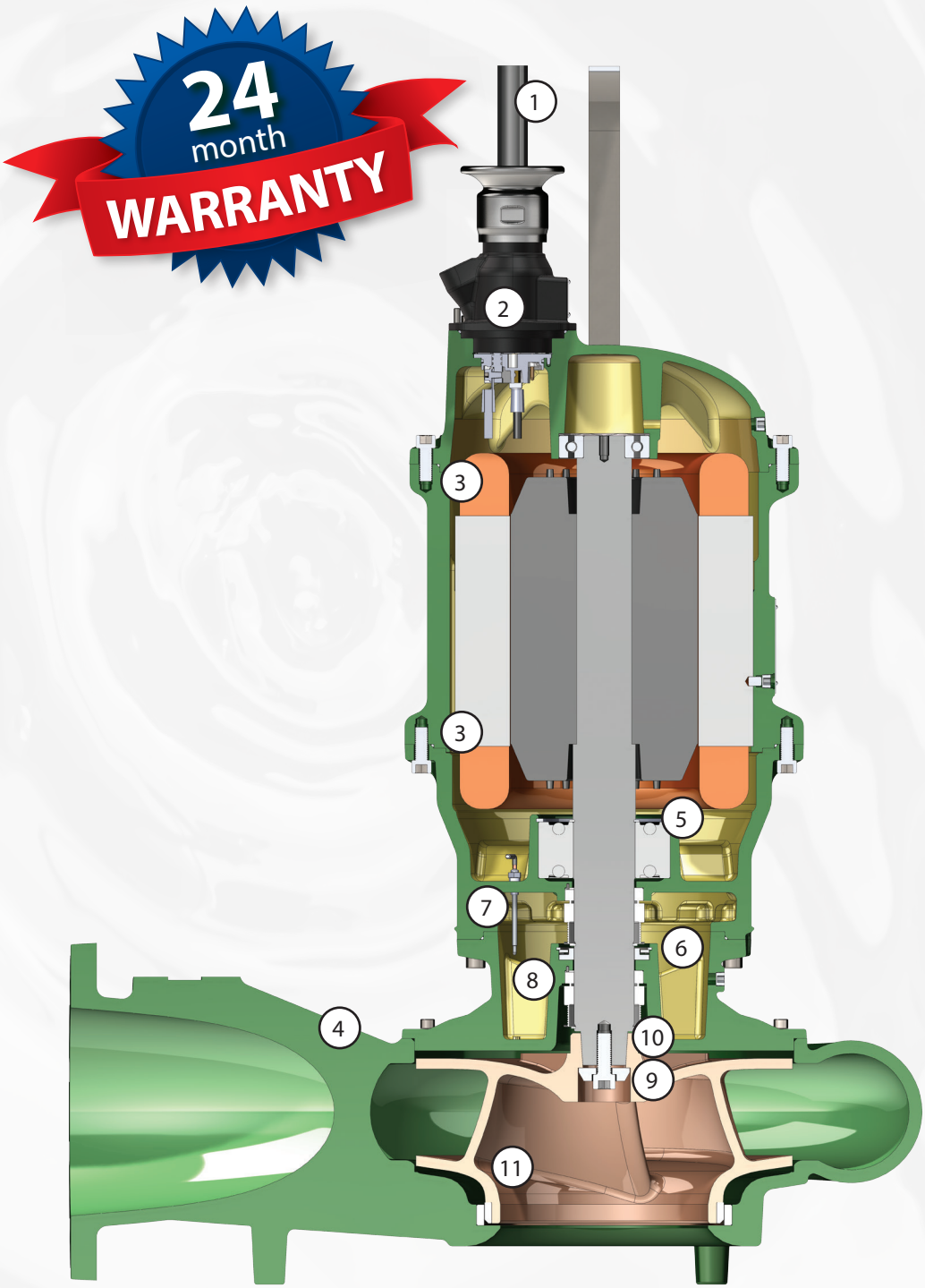
Simplified Maintenance

Over time, conservation has reduced water consumption, increasing the percentage of solids to an all-time high. The Deming Demersible 7365 Series' hydraulic design coupled with some of its key features reduces these costs and eliminates unnecessary issues.

Plug-n-Play Cord eliminates the need to disconnect power cords at the control panel or junction box, avoiding the time to remove and re-feed cable through conduit. The cord combines power, temperature sensing, and moisture sensor detectors into a single cable.

Oil-Lubricated Bearings reduce the need for routine maintenance on the pump by doubling bearing life.

Oversized, heavy duty lifting bail allows for easy removal of the pump when necessary.



Standard Construction	
Part	**Description**
Impeller	Enclosed monovane, enclosed dual vane, enclosed tri vane or vortex with pump out vanes. Dynamically balanced to ISO G6.3. Ductile Iron ASTM A-536, 65-45-12.
Motor	Inverter Duty Rated 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.

1. Power Cable -
Motor comes standard with multi-conductor cable, with integral moisture detector and thermal protection leads. Standard lengths vary by horsepower; 30ft cord for 2-10HP and 50ft cord for 15-150HP. Longer cable available.

2. Plug-n-Play Cord -
Quick Disconnect Cord including power moisture & thermal leads on all sizes.

3. O-Ring -
All motor frame fits have rabbet joints with large overlap seal.

4. Smooth Cast Iron Case -
Rigid, strong, resists corrosion. No ridges or pockets to collect sludge.

5. Large Deep Groove Lower Ball Bearing -
Clamped, takes up all radial and axial thrust. Bearings are conservatively rated and oil lubricated for maximum life.

6. Seal Chamber -
Sealed oil-filled chamber between pump and motor provides lubrication for both seals giving motor complete environmental protection.

7. Moisture Detection System -
Moisture sensing probes located in the oil seal chamber are connected to control panel to warn of impending seal failure.

8. Tandem Seals -
High quality mechanical seals provide double protection for motor internals against contact with pumpage.

9. Submersible Single-Phase Motor -
Single-Phase capability available on 2, 3 & 5 HP motors.

10. Impeller Attachment -
Stainless steel key and self-locking impeller screw onto a tapered shaft.

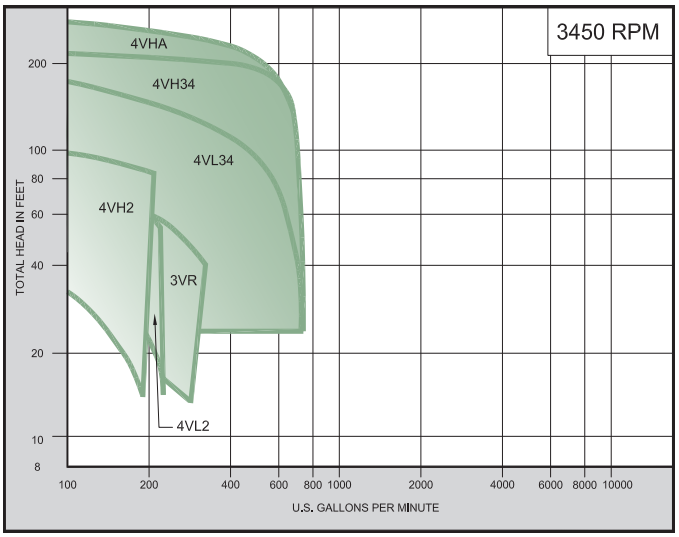
11. Impeller -
Solids handling design with smooth passageways. Accurately balanced, with repelling vanes to prevent solids accumulation at the lower seal.

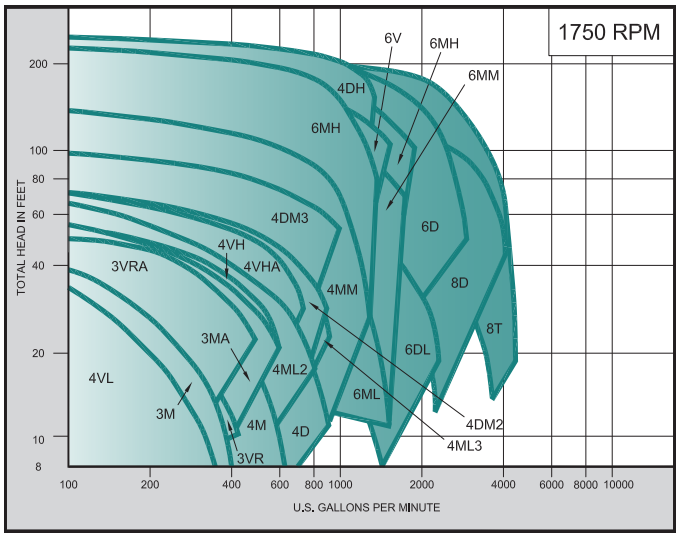
12. Integral Supports - (Not Shown)
Optional feet ensure proper mounting height in free standard sump applications.

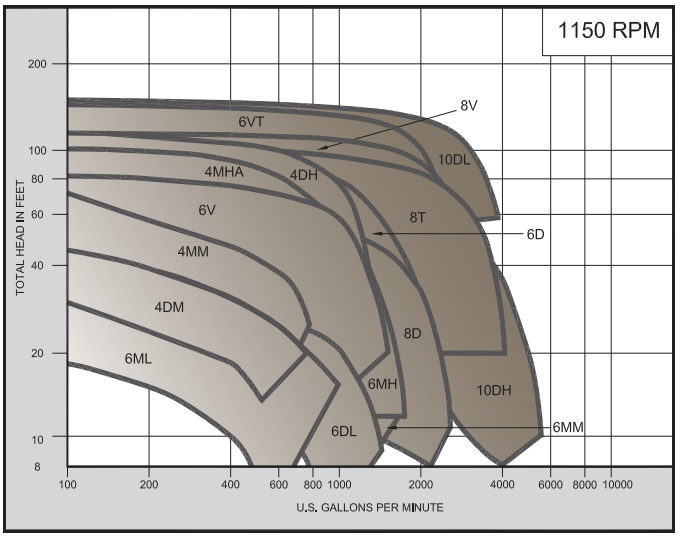
13. Thermal Protection - (Not Shown)
Built-in thermal protection is standard with automatic reset.

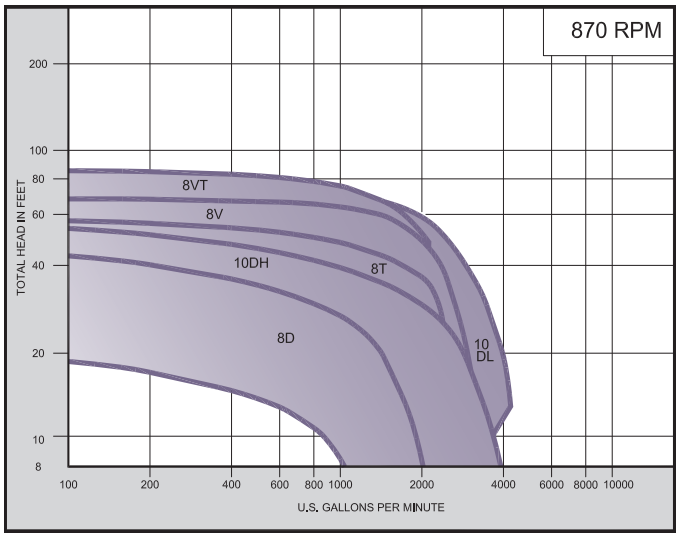
14. Long Lasting Insulation - (Not Shown)
Class F insulation system is designed for long winding life.

Demersible 7365 Series









This product may be covered by one or more of the following patents and other patent(s) pending: US Patent 7,931,473 & 8,128,360

Canadian Standards Association
File No. LR16567

FM APPROVED

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

Printed in U.S.A.
D7365BRO - Rev. D (7/16)

Member of: Hydraulic Institute

brands you trust.

BARNES burks DEMING WEINMAN CROWN PROSSER