



CORNELL PUMP COMPANY

Immersible Motors

APPLICATION

- Ideal for dry-pit applications where there is the possibility of flooding
- Can withstand up to **30 feet of submergence for a 2 week period**, far exceeding industry standards
- Competitive models only allow immersion for 30 minutes at a submergence of 3 feet

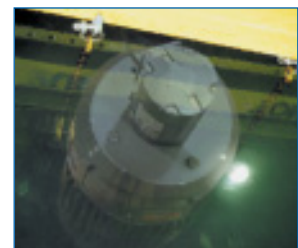
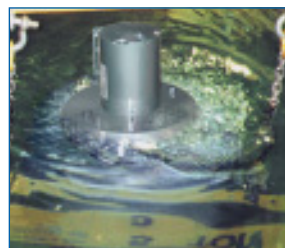


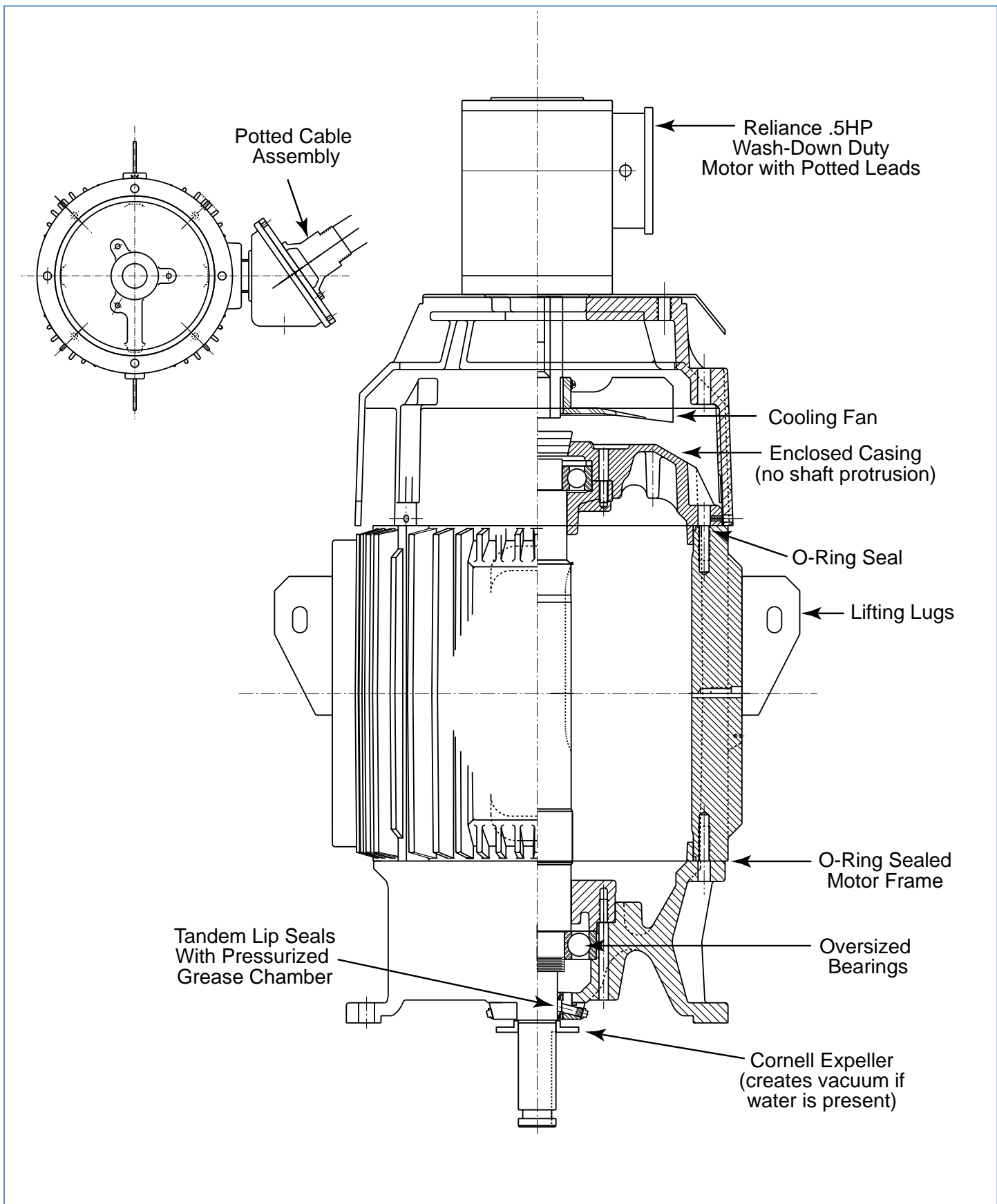
FEATURES & BENEFITS

- **Minimizes maintenance down time:** Remove the motor for service and temporarily replace it with any P-Base flange motor.
- **Easy service:** Can be serviced by any motor shop.
- **Lower initial cost:** No level controls and monitors, clean water, recirculating pump or piping required.
- **Lower operating cost:** Motor efficiencies are inherently higher in T.E.B.C. motors.
- **No cooling jackets:** There are no jackets that might clog or need periodic maintenance and inspection.
- **Various Seal Options available**
- **Longer service life:** The pump's bearing frame absorbs hydraulic loading resulting in an L10 bearing life of 100,000 hours.
- **Safety:** Eliminates the health and safety concerns connected with sewage fluid handling during inspection and maintenance procedures. Other motor types require extensive cleaning.
- **Easy Retrofit:** No need to buy new pumps.
- **Unique Blower Design:** A separate blower motor eliminates shaft protrusion through the top of the motor, removing a potential leak source. The blower motor shuts off in the event of submergence.

MOTOR DATA

- 15-300 HP
- Totally Enclosed, Blower Cooled (T.E.B.C.)
- 250-449T Frames
- Contains duty, three-phase, 600 volt and below Class F insulation





Cornell Pump Company

P.O. Box 6334 • Portland, Oregon 97228-6334

Phone: (503) 653-0330 • Fax: (503) 653-0338

web site: www.cornellpump.com • e-mail: info@cornellpump.com