



MYERS[®]
3WHR
VORTEX SOLIDS HANDLING
WASTEWATER PUMP



MYERS® 3WHR

TECHNICAL INFORMATION



DESIGNED FOR LIGHT & MEDIUM COMMERCIAL APPLICATIONS

The 3WHR series solids handling pumps are designed primarily for commercial applications such as schools and churches, industrial plants, shopping centers, apartments and condominiums, marinas, interstate rest stops, sewage collection systems, campgrounds, motels, restaurants, office and commercial buildings, state and federal parks, hospitals and nursing homes, dewatering, trailer parks and treatment plants.

This pump can be installed with a quick-disconnect slide rail system. Its ability to handle 3-inch spherical solids makes it ideal for most light to medium commercial installations. For more information, contact your Myers distributor or the Myers sales office at 419-289-1144.

VORTEX IMPELLER DESIGN HAS COMPLETELY OPEN PASSAGE IN VOLUTE.

- Recessed design pumps stringy, fibrous waste and other difficult to pump solids with ease.
- Pumps by vortex, allowing pumping medium to pass through the volute without coming in contact with impeller.
- Operates without vibration or capitation over entire performance curve. Operates near shut-off without harming pump.

DURABLE MOTOR WILL DELIVER MANY YEARS OF RELIABLE SERVICE.

- Oil-filled motor for maximum heat dissipation and constant bearing lubrication.

Product Capabilities

| | | |
|---|--|------------|
| Capacities To | 300 gpm | 25.24 lps |
| Heads To | 37 ft. | 14.6 m |
| Solids Handling (dia.) | 3 in. | 76 mm |
| Liquids Handling | raw unscreened sewage, effluent, storm water | |
| Intermittent Liquid Temp. | up to 140°F | up to 60°C |
| Winding Insulation Temp. (Class B) | 266°F | 130°C |
| Motor Electrical Data (Single phase motors are capacitor start type. Myers control panels or capacitor kits are required for proper operation and warranty.) | 1750 RPM 1-1/2 – 5 HP, 230V, 1Ø, 60 Hz 1-1/2 – 5 HP, 200/230/460/575V, 3Ø, 60 Hz | |
| Std. Third Party Approvals | CSA | |
| Acceptable pH Range | 6 – 9 | |
| Specific Gravity | .9 – 1.1 | |
| Viscosity | 28 – 35 SSU | |
| Discharge, Flanged Centerline, (Horiz. or Vert.) | 3 in. | 76.2 mm |
| Min. Sump Dia. (Duplex) | 60 in. | 1.5 m |

NOTE: Consult factory for applications outside these recommendations.

Construction Materials

| | |
|---|--|
| Motor Housing, Seal Housing, Cord Cap and Volute Case | cast iron, Class 30 ASTM A48 |
| Multi-Vane Impeller | ductile iron, Class 65 ASTM A536 |
| Power Cord | SOOW, W |
| Control Cord | SOOW |
| Mechanical Seals Standard Optional | single, type 21 carbon and ceramic tungsten, carbide |
| Pump, Motor Shaft | 416 SST |
| Fasteners | 300 series SST |

DIMENSIONS [Dimensions in mm]



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