Guide Rail Systems

Models

GR20 1-1/4" Pump Disconnect
For use with LSG200 and LSGX200 Series Grinder Pumps

GR20NS 1-1/4" Non-Sparking Pump Disconnect
For use with XLSG200 and XLSGX200 Series Grinder Pumps

Features

- Heavy-duty cast iron construction
- Accommodates single 1-1/4" rail and discharge pipe
- Auto-alignment feature
- Upper rail support bracket
- Includes sealing grommets
- Available in non-sparking version for hazardous locations with heavy-duty bronze claw
GR20 Assembly

The GR20 quick disconnect assembly provided with your grinder package system is designed to allow easy installation and removal of the pump. When installed correctly, it will seal and provide a means to lift the pump without disconnecting any of the discharge piping. Apply grease to face of both sealing grommets with grease provided. Ensure that installation is done per the diagrams shown.

Preparation

- Ensure grommet is properly greased and installed.
- Ensure GR20 base is bolted down to bottom of tank. 1/2" SS bolts are recommended.
- Install 3/8-16 hex bolts here. Tighten both sides evenly that gasket is properly compressed.
- Ensure rubber grommet is properly installed and greased here.

Installation

Note: a heavy guide rail pipe of galvanized or stainless steel is recommended.

Pipe Guide Assembly

Disconnected Position

Operating Position

IMPORTANT: The (X)LSG200 and (X)LSGX200 Series grinder pumps and systems are supplied with their own separate Installation/Operation/Maintenance manuals. Ensure receipt of these manuals, and that they are read and understood prior to installing this unit. Familiarity with the grinder pump/system manual and the control panel manual is critical. This instruction sheet gives a brief overview of the GR20 only. For questions, call Liberty Pumps customer service at 800-543-2550.