



FLOORSTAND WITH
POSITION INDICATOR
USED WITH G-SERIES, LA-SERIES,
T-SERIES & MASTERGEAR ACTUATORS

DeZURIK

Floorstand with Position Indicator used with G-Series,
LA-Series, T-Series & Mastergear Actuators

Instructions

These instructions provide information about floorstands. They are for use by personnel who are responsible for installation, operation and maintenance of floorstands.

Safety Messages

All safety messages in the instructions are flagged with an exclamation symbol and the word Caution, Warning or Danger. These messages indicate procedures that must be followed exactly to avoid equipment damage, personal injury or death. Safety label(s) on the product indicate hazards that can cause equipment damage, personal injury or death. If a safety label becomes difficult to see or read, or if a label has been removed, please contact DeZURIK for replacement label(s).



WARNING!

Personnel involved in the installation or maintenance of valves should be constantly alert to potential emission of pipeline material and take appropriate safety precautions. Always wear suitable protection when dealing with hazardous pipeline materials. Handle valves that have been removed from service with the assumption of pipeline material within the valve.

Inspection

Your floorstand has been packaged to provide protection during shipment; however, it can be damaged in transport. Carefully inspect the unit for damage upon arrival and file a claim with the carrier if damage is apparent.

Parts

Order parts from your local DeZURIK sales representative, or directly from DeZURIK. When ordering parts, please include the 7-digit part number and 4-digit revision number (example: **9999999R000**) located on the data plate attached to the valve assembly. Also include the part name, the assembly drawing number, the balloon number and the quantity stated on the assembly drawing.

DeZURIK Service

DeZURIK service personnel are available to install, maintain and repair all DeZURIK products. DeZURIK also offers customized training programs and consultation services.

For more information, contact your local DeZURIK sales representative or visit our website at www.dezurik.com.

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DeZURIK

Floorstand with Position Indicator used with G-Series, LA-Series, T-Series & Mastergear Actuators

Description

The Floorstand with Directional Indicator can be used with most DeZURIK rotary actuators. The handwheel is mounted on a floorstand and is extended from the valve/actuator assembly to allow remote operation of hard-to-reach valves. This model has a highly visible position indicator.

Lubrication

The floorstand has been lubricated at the factory and requires no additional lubrication. If disassembled, lubricate the gears using one of these lubricants:

- Keystone Zeniplex-1 (**recommended**)
- Amoco Amolith Grease #1-EP (alternate)
- Amsoil GHD (alternate)
- Mobil Mobilux EP 1 (alternate)
- Petro-Canada Vultrex MPG EP 1 (alternate)
- Shell Alvania EP 1 (alternate)
- Texaco Multifak EP 1 (alternate)

For lubrication requirements of the valve or actuator, see the LUBRICATION sections in the Valve Instructions and the Actuator Instructions.

Tools Required

The floorstand is assembled using SAE fasteners. To service this unit you will need combination wrenches, Allen wrenches, a pin punch and a dead blow hammer.

Installation

The installation procedure depends upon which type of actuator is used.

(LA-Series, T-Series & Mastergear) Actuators

When connecting this floorstand to a LA-Series or T-Series actuator, it is very important that the floorstand output shaft be directly above (or below) the actuator input shaft. Use a plumb bob to align the floorstand and actuator.

1. Calculate the length of pipe required, and cut the pipe furnished with the floorstand to this length.
2. Slide a coupling into the end of the extension pipe.
3. Drill a 1/4-inch-diameter hole through the pipe and coupling, then drive a 1/4-inch-diameter pin into the hole.
4. Repeat steps 2 and 3 to fasten a coupling to the other end of the pipe.
5. **For LA-Series & Mastergear units:** Pin the coupling to the shaft. The holes have already been drilled.

For T-Series units: Install a key in the actuator input shaft; then set the keyed coupling on the shaft so the key engages the keyway in the coupling.

6. While holding the extension pipe straight up, lower the floorstand onto the pipe so the floorstand output shaft slides into the coupling and fasten the floorstand to the floor.
7. Drill a 1/4-inch-diameter hole through the floorstand output shaft using the holes in the coupling as guides.
8. Drive a 1/4-inch-diameter pin into the shaft to secure the coupling to the floorstand output shaft.
9. Adjust the pointer as described in the POINTER ADJUSTMENT section of these instructions.

Installation *(Continued)***(G-Series) Actuators**

1. After the valve and floorstand have been mounted in place, connect them with a piece of 7/8-inch-diameter bar stock cut to the correct length.
2. With the 7/8-inch bar stock slid into the universal couplings, drill 1/4-inch-diameter holes through the bar stock and couplings. Use the hole in the side of the coupling as a guide.
3. Drive a 1/4-inch-diameter pin into each of the holes to connect the bar stock and couplings.
4. Adjust the pointer as describe in the POINTER ADJUSTMENT section of these instructions.

Pointer Adjustment

1. Using the handwheel, close the valve.
2. Loosen the pointer set screw until the pointer turns freely.
3. Turn the pointer until it points to the word "SHUT", then tighten the setscrew.
4. Open the valve to check pointer alignment. If the OPEN position is more important in your application, it may be necessary to loosen the set screw and turn the pointer until it points to the word "OPEN." Tighten the setscrew.