

Specification and Data Sheet

Models Roller 3 and Roller 5

1. **Product Name:** PILLOW BLOCK PIPESTAND MODELS ROLLER 3 AND ROLLER 5. **NOTE:** MIRO Models Roller 3 and Roller 5 are the same rollers used on MIRO pipestands and may be purchased separately for other uses.

2. **Manufacturer:** MIRO INDUSTRIES, INC., 2700 South 900 West, Salt Lake City, Utah 84119 Phone (800) 768-6978
Fax (800) 440-7958

3. **Product Description:**

Model No Roller 3. The Model Roller 3 is a heavy duty support roller made of polycarbonate resin. The dimensions of the roller are 3" in length, the diameter of the roller ends is 1-7/8", the diameter of the roller at the center of the bearing surface is 1-1/4", the diameter of the shaft opening is 5/8", and the bearing surface of the roller has 3" radius arch.

Model No Roller 5. The Model Roller 5 is a heavy duty support roller made of polycarbonate resin. The dimensions of the roller are 5" in length, the diameter of the roller ends is 2-7/16", the diameter of the roller at the center of the bearing surface is 1-1/4", the diameter of the shaft opening is 5/8", and the bearing surface of the roller has 5" radius arch.

4. **Compatibility:** The rollers are recommended and are compatible for use with all current types of metal, plastics and decking and with all commonly used built-up and single-ply roofing membranes where roof-mounted pipes occur.

5. **Load Weight:** Maximum load weight may not exceed 150 lbs. for the Model 3 Roller and the Model 5 Roller.

6. **Composition and Materials:** Both rollers consist of three components: (1) a concave bearing surface with a radius of 3" for the Roller 3 and a radius of 5" for the Roller 5, (2) Both rollers have shaft openings of 5/8", and (3) the interior support structure consists of eight heavy duty walls radiating from the center shaft to bearing surface.

7. **Size:**

Roller 3 is 3" in length, the roller ends have a 1-7/8" diameter, has a 3" radius arch on the bearing surface, has a 5/8" shaft opening, requires a clearance of at least 15/16" from the center of the shaft opening, has a diameter of 1-1/4" at the center of the bearing surface, and loads on the bearing surface will be 5/16" above the supporting shaft.

Roller 5 is 5" in length, the roller ends have a 2-7/16" diameter, has a 5" radius arch on the bearing surface, has a 5/8" shaft opening, requires a clearance of at least 1-7/32" from the center of the shaft opening, has a diameter of 1-1/4" at the center of the bearing surface, and loads on the bearing surface will be 5/16" above the supporting shaft.

8. **Installation:** Slide the roller over an appropriate shaft of metal or heavy duty material and properly support each end of the shaft in a horizontal configuration so the roller will operate properly. Proper engineering on the load limits of the supporting shaft and the structure that supports the shaft are essential.

9. **Availability:** Rollers are marketed throughout the United States through representatives and distributors.

10. **Maintenance:** Normally maintenance is not required. Semi-annual inspection is required to check pipestand position and set pipe alignment, weight distribution, and improper installation which may cause pipestand damage or failure.

11. **Technical Services:** Please call MIRO INDUSTRIES, INC.: (800) 768-6978.
www.miroind.com for technical information and for graphic and for CAD drawing downloads.