

Core Mount Sleeve

Model: DH-9ZP and DH-9SS

Description

Zinc plated mild steel or stainless steel constructions. Designed for slip-in installation into Ø4.0 core hole in concrete or in an existing steel structure. Comes with PVC sleeve liner.

Materials

FOR DH-9ZP

Note: Sleeves are designed to withstand the proof load rating of all standard Miller DuraHoist masts.

General Construction: Welded Steel

Weld Certification: AWS

Structure Material: A-36 Steel Plate

Sleeve Material: Sch. 40 Pipe

Sleeve Bearing

Material: PVC Pipe
ASTM-D-1785

Thrust Bearing

Material: High Density Polyethylene

Finish (Steel Sleeves): Zinc Chromate

Plating Specification: ASTM Designation
B633-85, Type II, SC2

FOR DH-9SS

General Construction: Stainless Steel

Weld Certification: AWS

Structure Material: 304 SS

Sleeve Material: 304 SS

Sleeve Bearing

Material: PVC Pipe
ASTM-D-1785

Thrust Bearing

Material: High Density Polyethylene

Finish (Stainless Steel): Brush Blast

Technical

Rated Capacity: 450lbs (204kg) working load
limit @ minimum 4:1 Design
Factor

Mast Moment

Proof Load 90,000 in-lbs (10,200 N.m)

Mast Rotation 360°

Weight 8lbs (3.6kg)



Mounting Requirements (Minimum)

The structure and mounting hardware must be capable of withstanding a 90,000lbs (10,170kNm) moment and a 5,000lb (22.2kN) vertical load.

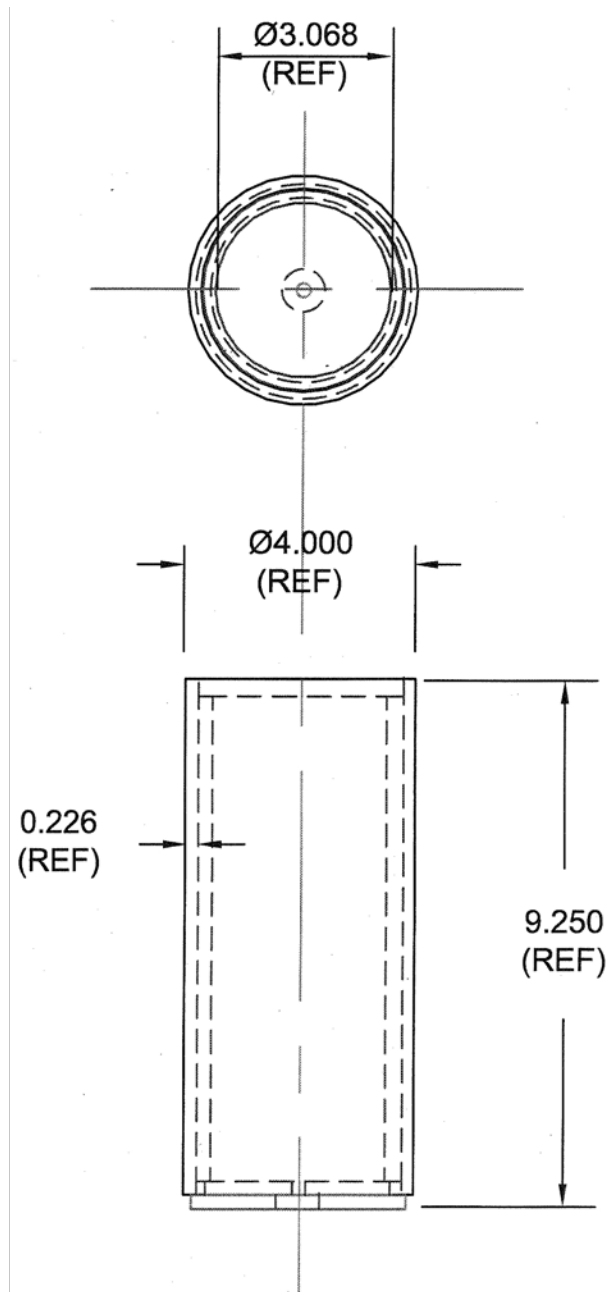
Note: Concrete MUST be sufficiently thick or have sufficient underlying structure to support the 5000lbs (2268kgs) vertical load. Installation MUST be approved to local standards by a qualified engineer.

Application Restrictions

1. Sleeves are for use with approved masts and accessories ONLY.
2. System design factor depends on other system components and the configurations in which they are assembled. The minimum design factor for all standard MILLER DuraHoist mast and accessories is 4:1.
3. All welding is to be carried out by qualified personnel.
4. If base material does not meet minimum requirements, reinforcement MUST be added to meet minimum requirements.
5. Each installation MUST be approved to local standards by a qualified engineer.

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