

Flush Floor Mount Sleeve

Model: DH-20ZP and DH-20SS

Description

Zinc plated mild steel or stainless steel construction.
Mounts to horizontal concrete or steel structures.
Includes PVC sleeve liner.

Materials

FOR DH-20ZP:

General Construction: Welded Mild Steel
Weld Certification: AWS
Base Material: A-36 Steel Plate
Material Structure: Sch.40 Pipe
Sleeve Bearing Material: PVC Pipe
ASTM-D-1785

Thrust Bearing

Material: High Density
Polyethylene

Finish (Steel Sleeves): <125 uin machined or
Cold Rolled

Plating Specification: ASTM Designation
B633, Type II, SC2

FOR DH-20SS:

General Construction: Welded Stainless Steel
Weld Certification: AWS
Structure Material: 304 Stainless Steel Plate
Sleeve Material: Sch. 40 Pipe
ASTM-D-1785

Sleeve Bearing

Material: PVC Pipe
ASTM-D-1785

Thrust Bearing

Material: High Density
Polyethylene

Finish (Stainless Sleeves): Sand Blasted



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°

DH-20ZP Weight 24 lbs (10.9kg)

DH-20SS Weight 25 lbs (11.4kg)

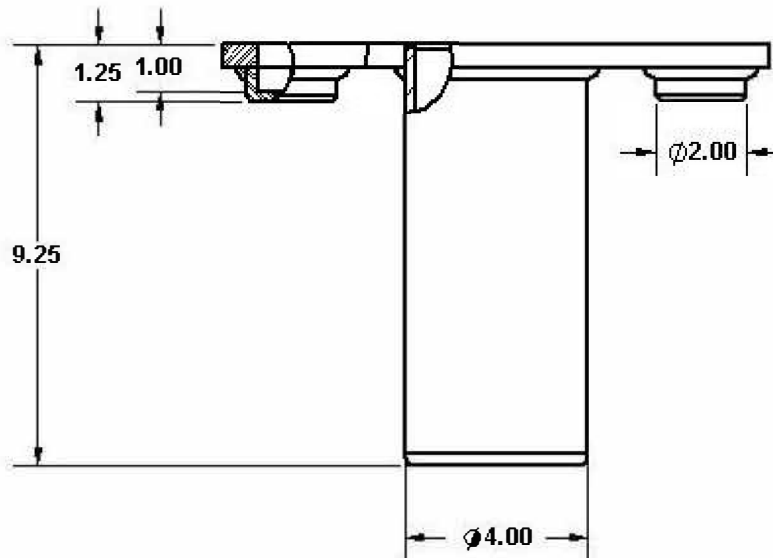
Note: Sleeves are designed to withstand the proof load
rating of all standard Miller DuraHoist masts.

Mounting Requirements (Minimum)

The structure and mounting hardware must be capable
of withstanding a 90,000 in-lbs (10,170Nm) moment and
a 5,000lb (22.2kN) vertical load. Installation MUST be
approved to local regulations 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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