

## Metso 10ft Dia. x 14ft Long Rod Mill [Inventory ID #1643924]



### Metso 10ft Dia. x 14ft Long Rod Mill

- Make: Metso
- Type: Rod Mill
- Year: 2008
- Condition: Used Condition
- Mill Diameter: 10in Dia.
- Mill Length: 14ft Long
- Mill Rotation Speed: 16.9RPM
  - % Critical Speed: 68.4%
- Feed: Lined Spout Feeder with Seal Assembly
- Discharge: Discharge Trunnion Liner
- Liners: Metal Liner Assembly
- Total Rod Charge Weight: 110,000lbs (49,895kg)
- Rod Length: 13ft Long
- Rod Diameter:
  - 3in Dia. - 55% Initial Charge, 60,000lbs (27,215kg)
  - 2in Dia. - 45% Initial Charge, 50,000lbs (22,680kg)
- Drive: WEG Electric Motor
  - Power Output: 400kW (536HP)
  - Rotation Speed: 1187RPM
  - Voltage: 4000 Volts
  - Current: 73.4 Amps
  - Frequency: 60Hz
  - Phase: 3-Phase
- Clutch: EATON 28VC1200 SW
- Speed Reducer: MOVENTAS D4PSF70



- Ratio: 4.9412:1
- Inching Drive: MOVENTAS 4C200N Inching Drive with Brake
- Gear Sets:
  - Teeth: 14.2:1 Ratio
    - Gear: (270)
    - Pinion: (19)
  - DP: 1.75
  - Centers: 83.533in. (2121.7mm)
- Lube System: 650AL-Duplex Lubrication System
  - Trunnion Bearing Size: 48in x 16in
  - Type: Hydrodynamic Sleeve Bearings
  
- Location: Western Canada

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