

Metso HP300 Cone Crusher Unit #1184

#SN: SOR0376

Main Info

Installation- Mobile

- If crusher is installed on METSO Mobile equipment.

Main product- NW Other

Industry- Construction

Lubrication unit- Lubrinator

- The lubrication unit contains air-oil cooler, which keeps oil temperature ideal for the bearing lubrication.
- The hydraulic unit helps during the setting and maintenance operations.

Mobile lubrication unit- Included

Control type- Digital

- If Metso automation is not included.
- Digital signals available (switches).
 - Inductive detector for adjustment setting
 - Temperature and pressure for start and stop authorizations motor starters are not delivered.

Norm- UL

Frequency- 60

- Frequency band for crusher, lubrication & hydraulic unit, air cooler and blower motors.

Lubrication unit voltage- 265/460V

- Main voltage for lubrication & hydraulic unit, air cooler, blower motors and heaters.

Serial number plate material- Aluminium

- Material of the crusher, lubrication & hydraulic unit and automation identification plates.

Color- Metso beige

- Color of the crusher and lubrication & hydraulic unit.

Instruction plate language- English

- Language of the warning stickers.

Main Unit

Crusher eccentricity- Standard

Hydraulic motor location- Right to countershaft

Crusher cavity- Included

- For more details about crusher cavity, see Specification Crusher's liners are included and installed.

Cavity type- Standard coarse

- For more details about crusher cavity type, see Specification

Motor position- Standard btw 8 and 4 o'clock

- Crusher motor installed between 8 and 4 o'clock.

Drive- Single drive

- For more details, see Technical specification.
- A single drive configuration provides installation for a single electric motor.

Accumulator certification- Standard

- Standard certification (CE, ASME, CRN, SELO, AS12100)

Ambient temperature- Normal condition down to -15°C

- Lowest accepted ambient temperature.
- Acceptable minimum temperature is -15°C (5°F)

Motor

Crusher pulley- Included

- Crusher pulley and hub.

Grooves type- 8V

- Profile used for the crusher pulley, motor pulley and V-Belts

Quantity of motors- 1

Motor supplier- Customer

- Crusher motor. For more details, see technical specification.
- If installed on METSO frame, compatibility have to be checked.

Motor speed/ Pole number- 6 (1000rpm 50Hz/1200rpm 60Hz)

Crusher pulley size- 630

Options

Accumulator charging kit- Included

- Tool to check the pressure inside the accumulator and to connect the inflator head to the reducing valve. Parts delivered:
 - Inflator head • Manometer
 - Hose (to connect the inflator head to the reducing valve)
 - Connectors (to connect the inflator head to the accumulators)
 - Connector specific to customer country (to adapt and connect hose to the reducing valve)

Lub Unit

Connection type- "NPT"

- Connection type of the main return line (between the crusher and lubrication & hydraulic unit).

Fan-cooled

Cooling medium- Air

- Type of cooler.
- Air / oil cooler.

Cooler type- Air cooler up to 40°C

- The highest ambient temperature.
- For this ambient temperature 40°C (104°F), METSO delivers a standard cooler.

Quantity of cooler motors- 1

Cooler location- On frame

- Location of the air / oil cooler.
- Air / oil cooler delivered on frame with hose between lubrication & hydraulic unit and cooler.



