

Metso Nordberg HP300 Cone Crusher Unit #1183

#SOR0380

General

Configurable product- HP300

Delivery project type- Standard

Final destination country- USA

Packing for transportation- Wooden box packing (for sea)

Main Info

Installation- Stationary

Industry- Construction

Information message- NOTE!

Lubrication unit- Included

- 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.

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 authorizationsMotor 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.

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 for the warning stickers.
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Main Unit

Crusher eccentricity-Standard

Main frame liner- Standard

Hydraulic motor location- On countershaft centerline

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)

Countershaft speed- 1,050

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 lub unit



- Location of the air / oil cooler.
- Air / oil cooler delivered on lubrication & hydraulic unit.