

Metso HP300 Cone Crusher Unit 1160

#SOR0350

HP (High Performance) Series cone crushers feature a unique combination of crusher speed, throw, and cavity design. This combination has proved revolutionary in providing higher capacity and superior product quality, and in providing a wider range of application suitability.

From limestone to taconite, from ballast production to manufactured sand, and from small portable plants, HP cone crushers provide unbeatable performance in secondary, tertiary, and quaternary applications.

Main Info

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.

Frequency - 60 Hz, 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.

Main Unit

Crusher eccentricity - Standard

Main frame liner - Standard

Hydraulic motor location - On countershaft centerline

Crusher cavity - Included

Cavity type - Standard coarse

Motor position - Standard btw 8 and 4 o'clock

Drive - Single drive

Accumulator certification - Standard certification (CE, ASME, CNR, SELO, AS12100)

Ambient temperature - Normal condition down to -15°C

Motor

Crusher pulley - Included

Grooves type - 8V

Quantity of motors - 1 EA

Motor supplier - Customer

Motor speed/ Pole number - 4 (1500rpm 50Hz/1800rpm 60Hz)

Countershaft speed - 1,050 1/min

Crusher Pulley Size - 630 mm

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 conned hose to the reducing valve)

Lube Unit

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

Fan-cooled

Cooling medium - Air/ oil cooler.

Cooler type - Air cooler up to 40°C

Quantity of cooler motors - 1 EA

Cooler location - LUBRINATOR, On lub unit

Documentation

Quantity of printed manuals - 2

Electronic spare part book - Included

Quantity of spare part books - 2

