



Hunger SG175

Support Grinder for grinding valves on a lathe



Application:

The SG175 support grinder is designed for grinding the conical seating surface of valves of medium speed diesel engines on a standard lathe.

Handling:

The support grinder is clamped in the toolpost located on the top slide of the lathe.

The grinding angle corresponding to the required valve seat angle is adjusted by turning the top slide of the lathe to an angular position which corresponds to the valve seat angle and which is defined by the template supplied with the grinder.

The valve stem is clamped in the chuck of the lathe and the valve face is ground by feeding the grinding wheel into the rotating valve face.

Features:

The precision grinding spindle is permanently sealed and lubricated for lifetime accuracy.

The wheel guarding system is designed to the prevailing safety regulations.

The cone-shaped head of the template is provided with a bore receiving the dressing diamond so that the grinding wheel can be properly dressed after adjustment of the grinding angle.

The switch for the grinding spindle drive motor is integrated in the terminal box of the motor.

Specifications:

Grinding spindle:

Grinding wheel diam. 175mm
Speed at 50 cycles 2790 rpm

Electrical system:

Supply voltage: 400V±10%
(3ph.50/60Hz) or 230V±10%
Power input 0,37kW

Dimensions & Weight:

Length/Width/Height 300/380/180mm
Net weight approx. 16 kg

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