



Inventory number: 22575

CNC cylindrical grinder  
KELLENBERGER KEL-VARIA RS 175 / 1000  
KELCO 80



### Technical data

|  |          |
|--|----------|
| Centre height                            | 175 mm   |
| Distance between centres                 | 1000 mm  |
| Max. grinding diameter                   | 349 mm   |
| Travels:                                 |          |
| Z axis                                   | 1150 mm  |
| X axis                                   | 320 mm   |
| Workpiece weight on centres max.         | 150 kg   |
| Grinding wheel right side:               |          |
| Diameter                                 | 500 mm   |
| Width                                    | 80 mm    |
| Bore                                     | 127 mm   |
| Grinding wheel speeds:                   |          |
| from                                     | 1500 rpm |
| up to                                    | 1800 rpm |
| Resolution                               |          |
| Rotatable grinding spindle head (b-axis) | 240 °    |
| Peripheral speed                         | 32 m/s   |
| Indexing automatic                       | 0.1 °    |
| Rapid feed motion                        | 10 m/min |

Work piece spindle head:

speeds:

stepless

from 5 rpm

up to 500 rpm

Holding taper: 5 MT

rotatable -30 / +120 °

Taper in tailstock: 4 MT

Spindle stroke 50 mm

Table speed:

stepless

from 0.02 m/min

up to 7.5 m/min

Max. table angular displacement 9 °

Air connect 4 bar

Voltage 50 Hz 3x 380 Volt

Grinding spindle motor 7.5 kW

Workpiece spindle motor 3.1 kW

Machine's weight about 6000 kg

Overall dimensions machine:

Length 3600 mm

Width 2000 mm

Various accessories:

Coolant system

Touch probe MARPOSS

Measuring head MARPOSS

Positionar Passiv

Grinding wheel with flange

Lamp

Tailstock with fine adjustement

















