



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











