



Inventory number: 22955

CNC cylindrical grinder
KELLENBERGER KEL-VARIA R175 x 1500
HEIDENHAIN



Technical data

| | |
|--|---------------|
| Centre height | 175 mm |
| Distance between centres | 1500 mm |
| Travels: | |
| Z axis | 1650 mm |
| Workpiece weight on centres max. | 150 kg |
| Grinding wheel: | |
| Diameter | 500 mm |
| Width | 80 mm |
| Bore | 203.2 mm |
| Diameter | 400 mm |
| Width | 63 mm |
| Bore | 127 mm |
| B axis resolution max. | 2.5 ° |
| Grinding wheel speeds: | |
| stepless | |
| from | 1000 rpm |
| up to | 2150 rpm |
| Rotatable grinding spindle head (b-axis) | +30° / -210 ° |
| Peripheral speed | 45 m/s |
| Max. travel | 320 mm |
| Feed range | 7500 mm/min |
| Work piece spindle head: | |
| Swivelling range | -10 / +100 ° |
| speeds: | |
| stepless | |

| | |
|-------------------------------------|-----------------|
| from | 8 rpm |
| up to | 800 rpm |
| Internal mounting cone | 5 MT |
| External short tapered mount | DIN 55026 Gr. 5 |
| Permitted load capacity | 160 Nm |
| Tailstock: | |
| Taper in tailstock: | 4 MT |
| Tailstock travel of barrel | 50 mm |
| Table speed: | |
| stepless | |
| Rapid motion | 15 m/min |
| Max. table angular displacement | 7 ° |
| Air connect | 6 bar |
| Voltage 50 Hz 3x | 400 Volt |
| Grinding spindle motor | 7.5 kW |
| Workpiece spindle motor | 2.4 kW |
| Machine's weight about | 6000 kg |
| Overall dimensions machine: | |
| Length | 4700 mm |
| Width | 2300 mm |
| Height | 2000 mm |
| Various accessories: | |
| Paper filtration system | |
| Coolant filter system | |
| C axis | |
| Measuring device | MOVOMATIC |
| Feeler Renishaw | LP2H |
| Lamp | |
| Status light | |
| Grinding-wheel flange extractor | |
| Electronic hand held remote control | |
| MPM dynamic balancing system | |



























