



Inventory number: 21670

Cylindrical grinder  
KARSTENS K16



### Technical data

Centre height	180 mm
Distance between centres	1000 mm
Max. work piece diameter	360 mm
Min. grinding diameter	5 mm
Max. grinding diameter	360 mm
Grinding length	700 mm
Grindable bore	3 - 300 mm
Grinding wheel:	
Diameter	400 mm
Width	100 mm
Bore	127 mm
Grinding wheel right side:	
Diameter	250 mm
Width	32 mm
Bore	76.2 mm
Workpiece weight on centres max.	250 kg
Swivelling range	180 °
Grinding spindle head:	
Peripheral speed	35 m/s
Work piece spindle head:	
stepless	
from	30 rpm
up to	450 rpm
Swivelling range	0 - 90 °
Spindle hole	24 mm
Taper in tailstock:	4 MT
Spindle stroke	45 mm
Spindle diameter	50 mm
Shearing force	0.1 - 0.8 kN

Table angular displacement	12.5 °
Table speed:	
stepless	
from	0 m/min
up to	4 m/min
Voltage 50 Hz 3x	380 Volt
Air connect	4 bar
External Grinding wheel motor	5.5 kW
Workpiece spindle motor	0.55 kW
Total power required	10 kW
Overall dimensions machine:	
Length	3600 mm
Width	1600 mm
Height	2000 mm
Dimensions of the control:	
Length	1200 mm
Width	500 mm
Height	2100 mm
Various accessories:	
Internal grinding attachment	
Spindle speeds	28000 rpm
Coolant system	
Grinding wheel with flange	
Set of flanges	
Lamp	
Set of collets	























