

circular grinders GKM 1412-500 R

cylindrical round grinding machine with heavy cast iron construction for vibration-free grinding with wide speed range.

Price upon inquiry

specifications

height of center	100 mm
distance between center	520 mm
max. grinding length	500 mm
grinding diameter	125 mm
Workpiece weight max.	100 kg
Inside grinding diameter	10 - 40 mm
Inside grinding depth	50 mm
table feed, stepless	0,05 - 4,5 m/min
table swivel-mounted right + left	9 °
Headstock speed range	300 - 1040 min ⁻¹ (6 steps)
range of swivel	R + L: ± 45°
Cone of spindle	MK 4
Grinding spindle speed	1800 min ⁻¹
max speed internal grinding spindle	17000 min ⁻¹
swivel range of grinding headstock	± 180 °
feed per revolving Handwheel	0,5 mm
Hand feed per gra	0,0025 mm
konus of tailstock quill	MK 2
Tolerance in chuck outside	0,005 mm
Tolerance in Chuck inside	0,005 mm
Tolerance between centers	0,003 mm / 0,00012"
surface roughness outside	ra < = 0,32 µm Ra
roughness inside	ra < = 0,64 µm Ra
drive power of the machine	3,475 KW
size of grinding discs	300 x 40 x 127 mm
weight	2.100,00 kg
dimensions	2240x1160x1300 mm

equipment

- optimal Price - Performance Ratio
- more precise adjustable Head
- Stable Apron for best possible Processing result
- hydraulic Longitudinal feed stepless adjustable
- longitudinal movement of the Grinding Head manual and Hydraulic
- accuracy according DIN for circular grinders

accessoires

standard accessories: 3-jaw chuck Ø 125 mm, cooling device, Grinding wheel dresser, balancing stand, live center, inside grinding device, workpiece driver, Operating tool, manual