

STUDER S22 CNC

Kind : Cylindrical grinder cnc
Manufacturer : STUDER
Model : S22 CNC
Year : 2011
Serial : 018/1040-0029
Stock : T14621



TECHNICAL DETAILS

- Axes number	: 6
- Centers height	: 175 [mm]
- Distance between centers	: 650[mm]
LINEAR AXES	
- Grinding length	: 800 mm
- Strokes X x Z	: 310 X 850 [mm]
GRINDING WHEEL HOLDERS HEADSTOCK	
- Taper type	:
- Continuous orientation (B axe)	: +/- 9 [°]
- C Axis indexing precision (High speed machining)	: 0.001 [°]
- External grinding wheel dimensions	: 500 x 80 x 20 [mm]
- Grinding wheel holder headstock power	: 12.5.5 [kW]
- Rotation speed	: 1400-3200 [Rpm]
PART HOLDER HEADSTOCK	
- Taper type	: ISO50
- Axis C indexing precision	: 0.001 [°]
- Power	: 4[kW]
- Rotation speed	: 1-1000 [Rpm]
SYNCHRONIZED COUNTER SPINDLE	
- Taper type	: CM4
- Quill stroke (w axe)	: 90 [mm]
- Quill diameter	: 50 [mm]
- Power	: 1.6[kW]
- Max. part weight between centers	: 50 [Kg]

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ELECTRICAL SUPPLY

- Supply tension : 400 [V] 50[Hz]

MACHINE HOURS

- Number of working hours : 36000

EQUIPMENT

- CNC FANUC 31i-A control
- Softwares
- * StuderWIN
- * Pictogramming
- * StuderThread only cycles
- * StuderTechnology
- Remote control with electronic handle
- Measuring rules on axes X and Z
- Automatic length probe arm MOVOMATIC C25
- In-process external diameter probe arm MOVOMATIC DM205
- Coolant tank 375 liters
- Paper filter
- Oil mist aspiration
- Grinding wheel loading arm
- Dressing wheel diamond device (Dia 100mm)
- SENSITRON
- Automotic dynamic balancing DittelM6000
- Grinding wheel holder flanges
- Interface for AROBOTECH steady
- Interface B3 PROFIBUS for automatic loading