



MACHINE SPECIFICATION – N30

CNC CONTROL

Control system SINUMERIK ONE | SINUMERIK 840D sl

Drive system SINAMICS S120

WORKING AREA

Nominal Length mm 1500 / 2000 / 2500 / 3200 / 4000 / 4500*

Swing diameter mm 780

Slidetravel X-axis mm -12...+423

Slidetravel Y-axis mm + / -55

MAIN SPINDLE / COUNTER SPINDLE (OPTION)

Spindle head acc.to DIN 55026 size A11 A11 | A15

Spindle bore mm 92 123

Bearing diameter mm 180 200 | 220

MAIN SPINDLE DRIVE

Drive power S4-40% duty cycle/ S1-100% duty cycle kW 78 / 64 80 / 67* 77 / 68

Speed range rpm 0...3000 0...3000 | 0...2000 0...2000

Torque S4-40% duty cycle / S1-100% duty cycle Nm 971 / 812 3135 / 2642 2110 / 1872

Speed range C-axis mode rpm 0...100 0...50 0...100

FEED DRIVES

Rapid feed rates X, Y, Z m/min 18 / -* / 30

TOOL TURRET

2-axis

4-axis

Number of turrets No. 1 2

Tool holder DIN 69880 50 | 60 50 | 60 BMT75

Tool configuration axial | radial radial | radial radial

Tool positions 12 | 16* 12 / 12 | 16 / 16 12

TAILSTOCK

Quill centre size MK 5 MK 6

Quill travel mm 160 170

Quill diameter mm 150 180

Clamping force kN 4...25 4...25

* other options available on request

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THE NSH GROUP
MACHINE TOOL MANUFACTURING

