



■ CNC Control

Control system		SINUMERIK 840D sl
Drive system		SINAMICS S120

■ Working Area

Nominal length	mm	1000 1500 2000 2500 3000
Swing diameter	mm	650
Slidetravel X-Axis	mm	-15...+660
Slidetravel Y-Axis	mm	-150...+200

■ Main Spindle / Counter Spindle*

Spindle head acc. to DIN 55026	size	A8	A11
Spindle bore	mm	92	105
Diameter bearing	mm	150	180

■ Main Spindle Drive

Driving power 100% / S6-60% duty cycle	kW	30,4 / 34	31,5 / -
Speed range	rpm	0...3800	0...2000
Torque 100% / S6-60% duty cycle	Nm	580 / 655	1200 / -
Speed range of C-Axis	rpm	0...100	0...100

■ Turning-Milling-Drilling Head

Driving power 100% / S6-60% duty cycle	kW	22 / 25
Speed range	rpm	0...6000
Torque 100% / S6-60% duty cycle	Nm	173 / 275
Tool system	size	HSK 63T Capto C6*
Max. coolant pressure (inner)	bar	80
Swivel range of B-Axis	°	-105...+95

■ Feed Rates

Rapid feed X, Y, Z	m/min	25 / 20 / 40
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■ Tool Magazine

Pockets	count	48 (60) 96 (120)
Max. tool length	mm	600 (900*)
Max. tool weight	kg	15

■ Tailstock

Quill centre	size	MK 5
Quill travel	mm	162
Quill diameter	mm	140
Clamping force	kN	5...19

* Option