



■ CNC Control

Control system	SINUMERIK 840D sl
Drive system	SINAMICS S120

■ Working Area

Nominal length	mm	2000 3000 4500 6000 7500
Swing diameter	mm	1250
Slidetravel X-Axis	mm	1030 1045
Slidetravel Y-Axis	mm	895 775

■ Main Spindle / Counter Spindle*

Spindle head acc. to DIN 55026	size	B15	B20
Spindle bore	mm	160	225
Diameter bearing	mm	280	360

■ Main Spindle Drive

Driving power 100% / S6-60% duty cycle	kW	64 / 77	78 / 87	100 / 115
Speed range	rpm	0...1400	0...1240	0...888
Torque 100% / S6-60% duty cycle	Nm	5765 / 6900	9880 / 11020	13030 / 15000
Speed range of C-Axis	rpm	0...50	0...50	0...50

■ Turning-Milling-Drilling Head

Driving power 100% / S6-60% duty cycle	kW	38 / 43	67 / 80
Speed range	rpm	0...3500 / 0...4500 / 0...5500	0...3000
Torque 100% / S6-60% duty cycle	Nm	533 / 678 413 / 525 339 / 431	800
Tool system	size	HSK 100T Capto C8* Capto C10*	HSK 100T Capto C8* Capto C10*
Max. coolant pressure (inner)	bar	80	80
Swivel range of B-Axis	°	-105...+95	-105...+95

■ Feed Rates

Rapid feed X, Y, Z	m/min	12 / 12 / 24
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■ Tool Magazine

Pockets	count	48 72 96 120 144
Max. tool length	mm	600 (900*)
Max. tool weight	kg	25

■ Tailstock

Quill centre	size	MK 6 ME 80
Quill travel	mm	300
Quill diameter	mm	195 240
Clamping force	kN	5...35 8...55

* Option

// Technical changes reserved