



Product technical data HF 2016

Travels

X-axis [mm]	2.000
Y-axis [mm]	1.600
Z-axis [mm]	1.000
Rotary table [°]	n x 360
Table travel [mm]	1.500

Optional spindle / head

Type	F2F
Power (S1/100%) [kW]	25
Power (S6/40%) [kW]	32
Torque (S1/100%) [Nm]	194
Torque (S6/40%) [Nm]	248
Speed [1/min]	10.000
Tool holder	HSK - A100
Spindle tilting [°]	-2/+92
Head rotation [°]	-182/+182
Reinforcement (tilting axes) [Nm]	17.200
Reinforcement (pivot axes) [Nm]	15.000
Positioning step [°]	0,001

Optional spindle / head

Type	T30C
Power (S1/100%) [kW]	40
Power (S6/40%) [kW]	50
Torque (S1/100%) [Nm]	248
Torque (S6/40%) [Nm]	314
Speed [1/min]	14.000
Tool holder	HSK - A100
Spindle tilting [°]	-110/+110
Head rotation [°]	-240/+240
Reinforcement (tilting axes) [Nm]	8.000
Reinforcement (pivot axes) [Nm]	8.000
Positioning step [°]	continuous

Optional spindle / head

Type	T30C CSC
Power (S1/100%) [kW]	50
Power (S6/40%) [kW]	62
Torque (S1/100%) [Nm]	251
Torque (S6/40%) [Nm]	313
Speed [1/min]	20.000
Tool holder	HSK - A100
Spindle tilting [°]	-110/+110
Head rotation [°]	-240/+240
Reinforcement (tilting axes) [Nm]	8.000

Optional spindle / head

Reinforcement (pivot axes) [Nm]	8.000
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Positioning step [°] continuous

Optional spindle / head

Type	T21C
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Power (S1/100%) [kW] 42

Power (S6/40%) [kW] 50

Torque (S1/100%) [Nm] 67

Torque (S6/40%) [Nm] 84

Speed [1/min] 24.000

Tool holder HSK - A63

Spindle tilting [°] -100/+100

Head rotation [°] -240/+240

Reinforcement (tilting axes) [Nm] 4.000

Reinforcement (pivot axes) [Nm] 4.000

Positioning step [°] continuous

Optional spindle / head

Type	T15 CSC
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Power (S1/100%) [kW] 42

Power (S6/40%) [kW] 50

Torque (S1/100%) [Nm] 67

Torque (S6/40%) [Nm] 84

Speed [1/min] 24.000

Optional spindle / head

Tool holder	HSK - A63
Spindle tilting [°]	-115/+115
Head rotation [°]	-360/+360
Reinforcement (tilting axes) [Nm]	5.400
Reinforcement (pivot axes) [Nm]	6.120
Positioning step [°]	continuous

Other

Clamping surface [mm]	2.300 x 2.300
Workpiece weight [kg]	40.000
Feed rate [mm/min]	30.000
Acceleration [m/s ²]	3
Machine weight [kg]	114.000