Product technical data VM 4535

Travels

X-axis [mm]	4.500
Y-axis [mm]	3.500
Z-axis [mm]	1.500 (1.800)

Optional spindle / head

Type	S1M
Power (S1/100%) [kW]	52
Power (S6/40%) [kW]	70
Torque (S1/100%) [Nm]	1.000
Torque (S6/40%) [Nm]	1.337
Speed [1/min]	2.500
Tool holder	HSK - A100

Optional spindle / head

Type	S2M
Power (S1/100%) [kW]	25
Power (S6/40%) [kW]	33
Torque (S1/100%) [Nm]	200
Torque (S6/40%) [Nm]	264

Optional spindle / head

Speed [1/min]	12.000
Tool holder	HSK - A100

Optional spindle / head

Type	S3M
Power (S1/100%) [kW]	32
Power (S6/40%) [kW]	40
Torque (S1/100%) [Nm]	306
Torque (S6/40%) [Nm]	390
Speed [1/min]	14.000
Tool holder	HSK - A100

Optional spindle / head

Type	S4M
Power (S1/100%) [kW]	40
Torque (S1/100%) [Nm]	1.000
Speed [1/min]	6.000
Tool holder	HSK-A100 (SK 50)

Optional spindle / head

Type	F4M/F5M
Power (S1/100%) [kW]	40
Power (S6/40%) [kW]	52
Torque (S1/100%) [Nm]	350
Torque (S6/40%) [Nm]	468

Optional spindle / head

Speed [1/min]	10.000
Tool holder	HSK - A100
Spindle tilting [°]	-50/+95
Head rotation [°]	-240/+240
Reinforcement (tilting axes) [Nm]	17.200
Reinforcement (pivot axes) [Nm]	15.000
Positioning step [°]	continuous/0,001

Optional spindle / head

Type	U2M
Power (S1/100%) [kW]	40
Power (S6/40%) [kW]	40
Torque (S1/100%) [Nm]	1.000
Speed [1/min]	5.000
Tool holder	HSK-A100 (SK 50)
Spindle tilting [°]	-185/+185
Head rotation [°]	-240/+240
Reinforcement (tilting axes) [Nm]	3.000
Reinforcement (pivot axes) [Nm]	15.000
Positioning step [°]	continuous

Optional spindle / head

Type	H3M
Power (S1/100%) [kW]	41

Optional spindle / head

Torque (S1/100%) [Nm]	1.000
Speed [1/min]	6.000
Tool holder	HSK-A100 (SK 50)
Spindle tilting [°]	-105/+105
Head rotation [°]	-240/+240
Reinforcement (tilting axes) [Nm]	6.000
Reinforcement (pivot axes) [Nm]	15.000
Positioning step [°]	0,001

Optional spindle / head

Type	T30M
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]	15.000
Positioning step [°]	continuous

Optional spindle / head

Type	T30M 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
Reinforcement (pivot axes) [Nm]	15.000
Positioning step [°]	continuous

Optional spindle / head

Type	T21M
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

Optional spindle / head

Reinforcement (pivot axes) [Nm]	15.000

Optional spindle / head

Type	T21M CSC
Power (S1/100%) [kW]	29
Power (S6/40%) [kW]	38
Torque (S1/100%) [Nm]	69
Torque (S6/40%) [Nm]	91
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]	15.000
Positioning step [°]	continuous

Optional spindle / head

Type	T15M
Power (S1/100%) [kW]	42/50
Power (S6/40%) [kW]	50/65
Torque (S1/100%) [Nm]	67/96
Torque (S6/40%) [Nm]	84/124
Speed [1/min]	24.000/15.000
Tool holder	HSK-A63/HSK-A100

Optional spindle / head

Spindle tilting [°]	-115/+115
Head rotation [°]	-240/+240
Reinforcement (tilting axes) [Nm]	5.400
Reinforcement (pivot axes) [Nm]	15.000
Positioning step [°]	continuous

Optional spindle / head

Type	A2.1M
Power (S1/100%) [kW]	15,5
Torque (S1/100%) [Nm]	155
Speed [1/min]	3.000
Tool holder	HSK - A100

Other

Clamping surface [mm]	5.000 x 3.800
Workpiece weight [kg/m2]	7.000
Feed rate [mm/min]	40.000
Acceleration [m/s2]	3
Machine weight [kg]	109.900