



Product technical data VF 3016

Travels

| | |
|-------------|-------|
| X-axis [mm] | 3.000 |
| Y-axis [mm] | 1.600 |
| Z-axis [mm] | 1.200 |

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 [°] | -360/+360 |
| Reinforcement (tilting axes) [Nm] | 8.000 |
| Reinforcement (pivot axes) [Nm] | 8.000 |
| Positioning step [°] | continuous |

Optional spindle / head

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 [°] | -360/+360 |
| Reinforcement (tilting axes) [Nm] | 8.000 |
| Reinforcement (pivot axes) [Nm] | 8.000 |
| Positioning step [°] | continuous |

Optional spindle / head

| | |
|-----------------------------------|-----------|
| Type | T21C |
| 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 [°] | -360/+360 |
| Reinforcement (tilting axes) [Nm] | 4.000 |

Optional spindle / head

| | |
|---------------------------------|-------|
| Reinforcement (pivot axes) [Nm] | 4.000 |
|---------------------------------|-------|

Positioning step [°] continuous

Optional spindle / head

| | |
|------|----------|
| Type | T21C 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 [°] | -360/+360 |
|-------------------|-----------|

Reinforcement (tilting axes) [Nm] 4.000

| | |
|---------------------------------|-------|
| Reinforcement (pivot axes) [Nm] | 4.000 |
|---------------------------------|-------|

Positioning step [°] continuous

Optional spindle / head

| | |
|------|-----|
| Type | U2C |
|------|-----|

Power (S1/100%) [kW] 33

| | |
|---------------------|----|
| Power (S6/40%) [kW] | 40 |
|---------------------|----|

Torque (S1/100%) [Nm] 1.000

| | |
|---------------|-------|
| Speed [1/min] | 5.000 |
|---------------|-------|

Tool holder HSK-A100 (SK 50)

Optional spindle / head

| | |
|-----------------------------------|-----------|
| Spindle tilting [°] | -185/+185 |
| Head rotation [°] | -185/+185 |
| Reinforcement (tilting axes) [Nm] | 3.000 |
| Reinforcement (pivot axes) [Nm] | 6.500 |
| Positioning step [°] | 0,001 |

Optional spindle / head

| | |
|-----------------------------------|------------------|
| Type | T15C |
| 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 |
| Spindle tilting [°] | -115/+115 |
| Head rotation [°] | -360/+360 |
| Reinforcement (tilting axes) [Nm] | 5.400 |
| Reinforcement (pivot axes) [Nm] | 6.120 |
| Positioning step [°] | kontinuální |

Optional spindle / head

| | |
|----------------------|-------|
| Type | U3C |
| Power (S1/100%) [kW] | 42/63 |
| Power (S6/40%) [kW] | 50/76 |

Optional spindle / head

| | |
|-----------------------------------|------------------|
| Torque (S1/100%) [Nm] | 67/200 |
| Torque (S6/40%) [Nm] | 84/242 |
| Speed [1/min] | 24.000/13.000 |
| Tool holder | HSK-A63/HSK-A100 |
| Spindle tilting [°] | -180/+180 |
| Head rotation [°] | -360/+360 |
| Reinforcement (tilting axes) [Nm] | 5.400 |
| Reinforcement (pivot axes) [Nm] | 5.400 |
| Positioning step [°] | kontinuální |

Other

| | |
|--------------------------|---------------|
| Clamping surface [mm] | 3.500 x 1.750 |
| Workpiece weight [kg/m2] | 7.000 |
| Feed rate [mm/min] | 40.000 |
| Acceleration [m/s2] | 4 |
| Machine weight [kg] | 66.300 |