



## Product technical data VFC 5016

### Travels

|             |       |
|-------------|-------|
| X-axis [mm] | 5.000 |
| 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 [°]              | kontinuální |

### Optional spindle / head

## Optional spindle / head

|                                   |             |
|-----------------------------------|-------------|
| Type                              | T30 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 [°]              | kontinuální |

## 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 [°]            | kontinuální |

## Optional spindle / head

|                                   |             |
|-----------------------------------|-------------|
| Type                              | T21 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 [°]              | kontinuální |

## 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           | SK50 / HSK - A100 |

## 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               |
| 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]    | 3250 x 2250 |
| Workpiece weight [kg/m2] | 7.000       |
| Feed rate [mm/min]       | 40.000      |
| Acceleration [m/s2]      | 4           |
| Machine weight [kg]      | 72.000      |