

# 16 Series

## Technical data

|                                       | FZ 16                       | DZ 16                        |
|---------------------------------------|-----------------------------|------------------------------|
| Tool changer                          | Chain magazine              | Chain magazine               |
| Travel X – Y – Z max.                 | 660 – 680 – 500 mm          | 340 – 680 – 400 mm           |
| Chip-to-chip time                     | 2.4 s                       | 2.1 s                        |
| Number of milling spindles            | 1                           | 2                            |
| Spindle distance                      |                             | 320 mm                       |
| Milling spindle speed                 | 12,500 – 20,000 rpm         | 12,500 – 20,000 rpm          |
| Milling spindle torque                | 86 – 208 Nm                 | 86 – 208 Nm                  |
| Tool taper                            | HSK-A63                     | HSK-A63                      |
| Tool options                          | 42 – 162                    | 2 x 28 – 2 x 80              |
| Ø Tool max.                           | 78 mm                       | 78 mm                        |
| Ø Tool max. with free secondary space | 160 mm                      | 160 mm                       |
| Tool length max.                      | 450 mm                      | 450 mm                       |
| Tool weight max.                      | 10.0 kg                     | 10.0 kg                      |
| Rapid feed X – Y – Z max.             | 75 – 75 – 75 m/min          | 75 – 75 – 75 m/min           |
| Axis acceleration X – Y – Z max.      | 10 – 7 – 8 m/s <sup>2</sup> | 10 – 9 – 11 m/s <sup>2</sup> |

