

15 Series

Technical data

	FZ 15	FZ 15
Tool changer	Basket tool changer	Chain magazine
Travel X – Y – Z max.	730 – 400 – 425 mm	730 – 400 – 360 mm
Chip-to-chip time	1.7 s	2.3 s
Number of milling spindles	1	1
Milling spindle speed	12,000 – 20,000 rpm	12,000 – 15,000 rpm
Milling spindle torque	90 – 180 Nm	95 – 180 Nm
Tool taper	SK-40 HSK-A63	HSK-A63
Number of tools max.	20	48 64
Ø Tool max.	65 mm	78 mm
Ø Tool max. with free secondary space	175 mm	140 mm
Tool length max.	ca. 220 mm	300 mm
Tool weight max.	2.5 kg	5.0 kg
Rapid feed X – Y – Z max.	75 – 75 – 75 m/min	75 – 75 – 75 m/min
Axis acceleration X – Y – Z max.	10 – 10 – 10 m/s ²	7 – 12 – 15 m/s ²



15 Series

Technical data

	DZ 15	DZ 15
Tool changer	Basket tool changer	Chain magazine
Travel X – Y – Z max.	400 – 400 – 425 mm	630 – 400 – 360 mm
Chip-to-chip time	1.7 s	2.6 s
Number of milling spindles	2	2
Spindle distance	320 mm	320 mm
Milling spindle speed	12,000 – 20,000 rpm	12,000 – 15,000 rpm
Milling spindle torque	90 – 180 Nm	95 – 180 Nm
Tool taper	SK-40 HSK-A63	HSK-A63
Number of tools max.	2 x 12	2 x 24 2 x 32
Ø Tool max.	65 mm	78 mm
Ø Tool max. with free secondary space	175 mm	140 mm
Tool length max.	ca. 220 mm	300 mm
Tool weight max.	2.5 kg	5.0 kg
Rapid feed X – Y – Z max.	75 – 75 – 75 m/min	75 – 75 – 75 m/min
Axis acceleration X – Y – Z max.	10 – 10 – 10 m/s ²	7 – 10 – 12 m/s ²

