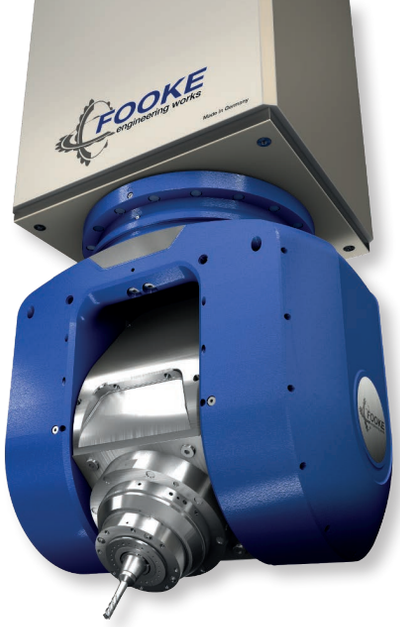


MILLING HEAD 15

C-axis
(Milling head rotary axis)

Pivoting angle:	550° (+/-275°)
Pivoting torque:	560 Nm / 1,139 Nm
Clamping torque:	3,000 Nm
Revolution:	360°/sec
Axis acceleration:	1,200°/sec²
Position accuracy:	15“ (0.0041°)
Position deviation:	10“ (0.0027°)

A-axis
(Spindle pivoting axis)

Pivoting angle:	220° (+/-110°)
Pivoting torque:	550 Nm / 1,100 Nm
Clamping torque:	2,160 Nm
Revolution:	360°/sec
Axis acceleration:	1,200°/sec²
Position accuracy:	15“ (0.0041°)
Position deviation:	10“ (0.0027°)

High-frequency milling spindle 1

Tool holding fixture:	HSK100 A
max. power:	60 kW
max. rpm:	16,000 rpm
max. torque:	160 Nm

High-frequency milling spindle 2

Tool holding fixture:	HSK63 A
max. power:	45 kW
max. rpm:	20,000 rpm
max. torque:	130 Nm

High-frequency milling spindle 3

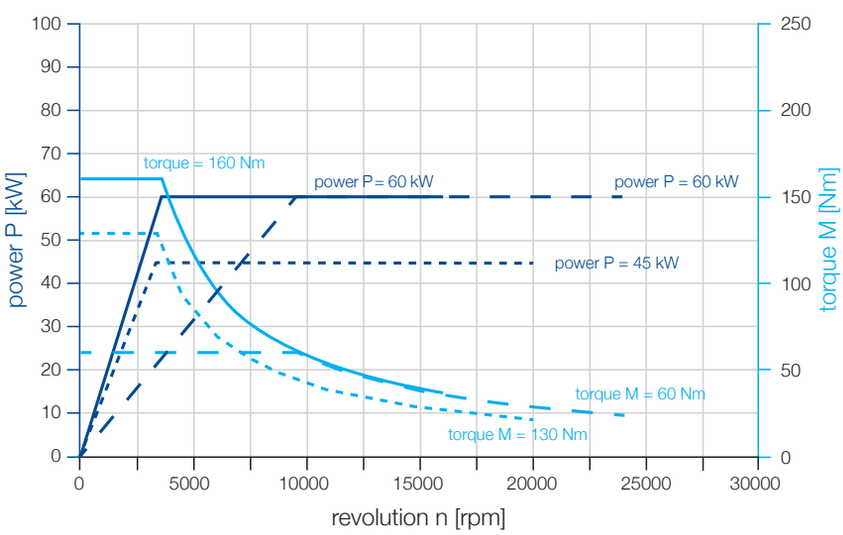
Tool holding fixture:	HSK63 A
max. power:	60 kW
max. rpm:	24,000 rpm
max. torque:	60 Nm

Milling head 15

High-frequency milling spindle
HSK100 A
with 60 kW, 16,000 rpm ———

High-frequency milling spindle
HSK63 A
with 45 kW, 20,000 rpm - - - - - - -
with 60 kW, 24,000 rpm – – –

Spindle also available with other performance characteristics



MATERIAL

Plastics	Blockmaterials for modelling	Composite materials (CFRP/GRP)	Aluminium	Cast Iron	Steel
+	+	+	+	+	+