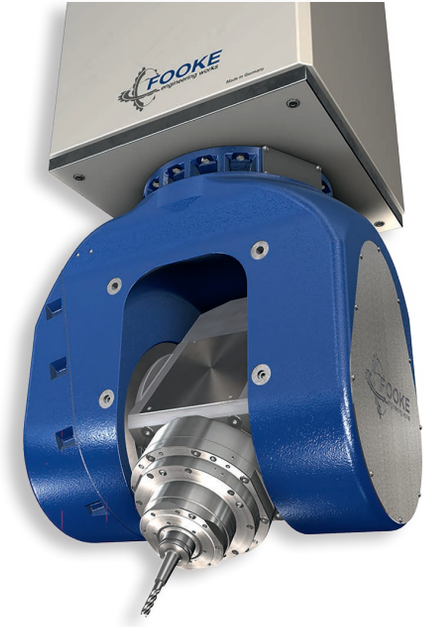


MILLING HEAD 4

C-axis
(Milling head rotary axis)

Pivoting angle:	550° (+/-275°)
Pivoting torque:	570 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:	570 Nm
Clamping torque:	2,000 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:	HSK63 A
max. power:	25 kW
max. rpm:	20,000 rpm
max. torque:	119 Nm

High-frequency milling spindle 2

Tool holding fixture:	HSK63 A
max. power:	39 kW
max. rpm:	24,000 rpm
max. torque:	32 Nm

High-frequency milling spindle 3

Tool holding fixture:	HSK63 A
max. power:	42 kW
max. rpm:	24,000 rpm
max. torque:	67 Nm

High-frequency milling spindle 4

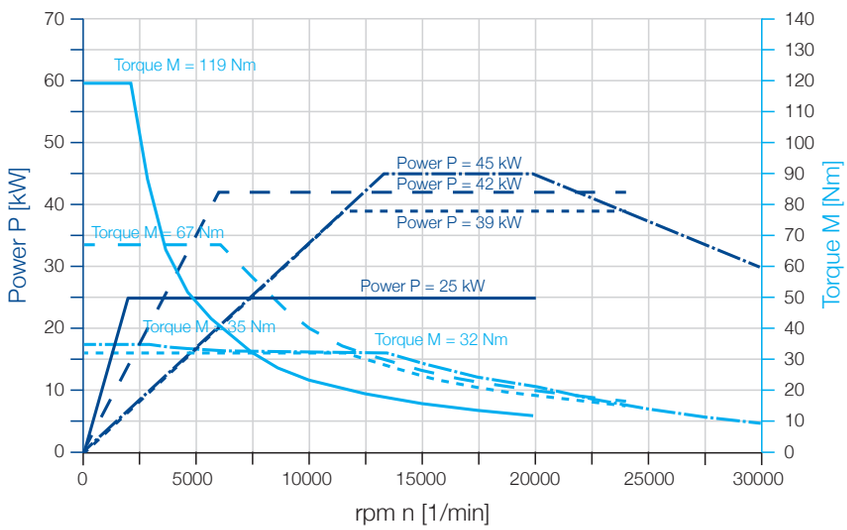
Tool holding fixture:	HSK63 A
max. power:	45 kW
max. rpm:	30,000 rpm
max. torque:	35 Nm

Milling head 4

High-frequency milling spindle
HSK63 A

with 25 kW, 20,000 rpm ———
with 39 kW, 24,000 rpm - - - - - -
with 42 kW, 24,000 rpm – – –
with 45 kW, 30,000 rpm —·—·—

Spindle also available with other performance characteristics



MATERIAL

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