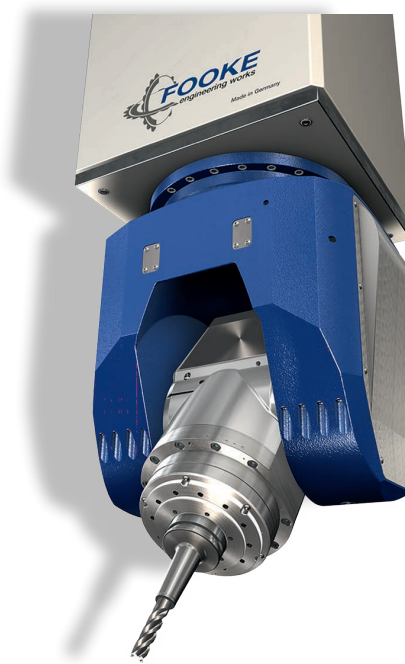


HIGH PRECISION WORM GEAR
UNITS IN C- AND A-AXIS



DIRECT MEASURING
SYSTEMS IN C- AND
A-AXIS

MILLING HEAD 14

C-axis

(Milling head rotary axis)

Pivoting angle: 550° (+/-275°)
Pivoting torque: 1,000 Nm
Clamping torque: 2,000 Nm
Revolution: 90°/sec
Axis acceleration: 600°/sec²
Position accuracy: 15" (0.0041°)
Position deviation: 10" (0.0027°)

A-axis

(Spindle pivoting axis)

Pivoting angle: 200° (+/-100°)
Pivoting torque: 1,000 Nm
Clamping torque: 2,000 Nm
Revolution: 90°/sec
Axis acceleration: 600°/sec²
Position accuracy: 15" (0.0041°)
Position deviation: 10" (0.0027°)

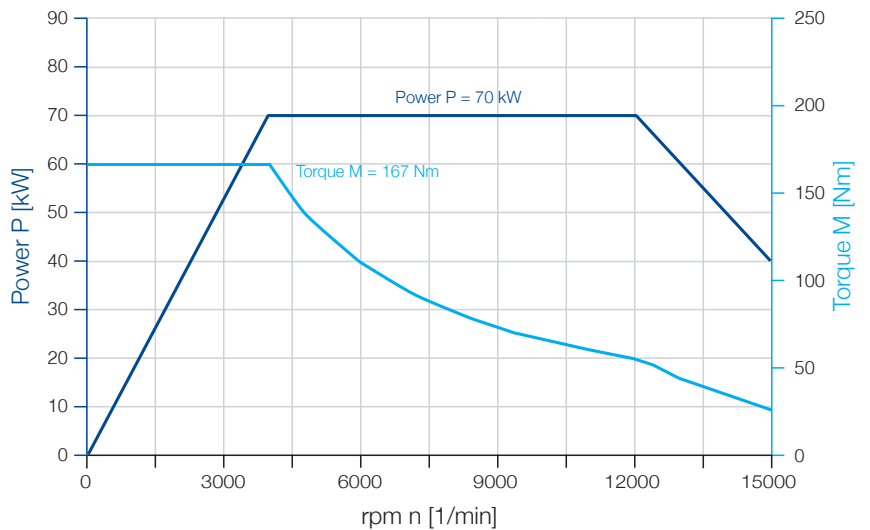
High-frequency milling spindle

Tool holding fixture: HSK100 A
max. power: 70 kW
max. rpm: 15,000 rpm
max. torque: 167 Nm

Milling head 14

High-frequency milling spindle
HSK100 A

with 70 kW, 15,000 rpm



MATERIAL

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