

# Technical Datasheet



Part No. 2001 8900

Applications	Drilling, Milling, Grinding, Engraving
Tooling system	Hollow taper shank HSK-E25
Clamping diameter	60 mm
Motor system	Brushless DC motor (BLDC)
Speed range	5,000 - 50,000 rpm
Voltage	230 V
Current	max. 14 A
Torque	max. 120 Ncm
Frequency	1,667 Hz
Output power	max. 5,000 W
Weight	3.5 kg
Bearing system	4 x hybrid, lifetime lubrication
Protection category	IP 55
Motor protection	PTC - 100°C
Working position	

Load direction	axial + radial
Run-out (taper)	≤ 1 µm
Chuck clamping range	typ. Ø 1 - 10 mm (HSK-E25)
Tool holder recommendation	HSK-E25xER16Mini (2002 0681)
Tool change	Pneumatic 5 - 6 bar (hose Ø 6 mm)
Cooling system	Internal cooling 0.7 l/min (hose Ø 8 mm)
Protected against dirt and cooling lubricant	Sealing air 30 l/min@STP (hose Ø 4 mm)
Housing material	Stainless steel
Inverter recommendation	e@syDrive® TV 4538, 4638
Taper cleaning	Integrated
Highlights	<ul style="list-style-type: none"> <li>• Water cooling system</li> <li>• Clamping monitoring: clamped, unclamped, clamped without tool</li> </ul>

Subject to change without notice

