



2003.3035

Applications	Drilling, milling, grinding
Speed range	5,000 – 80,000 rpm
Output power	S1: 1,000 W / max. 1,370 W
Housing diameter	45 mm
Motor system	Brushless DC motor (BLDC)
Motor type	45-DC-03
Frequency	83 – 1,333 Hz
Voltage	45 V
Current	S1: 16 A / max. 24 A-60s
Torque	S1: 12.4 Ncm / max. 20.1 Ncm
Motor protection	PTC
Weight	1,85 kg
Bearing system	2 x Hybrid, lifetime lubrication
Run-out (taper)	≤ 1.5 µm
Chuck clamping range	max. Ø 6.0 mm
Chuck type	C5
Tool change	Pneumatic 4 – 4.5 bar (hose Ø4mm)
Cooling system	Cooling via clamping bracket
- Tool cooling	Internal cooling channels for outer tool cooling (6 spray nozzles)
Protection category	IP55
Protected against dirt and cooling lubricant	Sealing air 15 – 20 l/min@STP (hose Ø4mm)
Housing material	Stainless steel
Cable / plug type	915
Inverter recommendation	e@syDrive® 4310 (IP00), 4625, 4626
Highlights	• Collet Stop • Taper cleaning • Outer tool cooling

Subject to change without notice

