



ESR 50

ESR 50 AX25, with various exemplary brushes

Technical data

RoboCut		ESR 50	ESR 30	ESR 50 AX25	ESR 30 AX25
Order-No.		29940-05-5	29940-03-5	60001-34-5	60001-35-5
Ideal use		brushing	brushing	brushing	brushing
Compressed air		lubricated	lubricated	lubricated	lubricated
Free speed	rpm	5 000	3 000	5 000	3 000
Motor power	Watt	380	380	380	380
Radial compliance		± 4°	± 4°	—	—
Axial compliance	mm	—	—	25	25
Exhaust air		to the front	to the front	to the front	to the front
ER collet included	mm	6	6	6	6
ER collets available	mm	3 5 8 10	3 5 8 10	3 5 8 10	3 5 8 10
Compliance force range		30–150 N	30–150 N	25–1 000 N	25–1 000 N
Compliance force max.*		200 N	200 N	—	—
Direction of rotation		clockwise	clockwise	clockwise	clockwise
Noise level	dB(A)	80	80	80	80
Air consumption	l/sec	8.3	8.3	8.3	8.3
Weight	kg	4.75	4.75	6.42	6.42
Connection air supply (hose)	∅ mm, inside /outside	10 12	10 12	10 12	10 12
Accessories supplied		wrench	wrench	wrench	wrench

Power and free speed at 6 bar operating pressure. Compressed air quality: lubricated (2–3 drops per minute). Subject to technical alterations.
* Various pre-adjusted pressing forces on request.

- Maximum axial compliance of 25 mm
- Use of non-lubricated air motors for low wear and long life time
- Compliance forces are controlled by air pressure or via optional spring package

Please see page 30 for recommended precision pressure regulators and manometers for the machines with axial compliance.

Further revolution speeds and power classes upon request.