

Druckluftwerkzeuge | Druckluftmotoren

The ESR 30 AX25 -ST provides an axial deflection especially for brush applications combined with the ability to monitor the tool bit and/ or the wear of the brush by collision sensors.

The spindle is equipped with two inductive sensors. The first sensor reports on the axial travel of the spindle if the brush is in contact to a surface. This allows the robot to adjust its movement automatically and guarantees a steady contact of the brush on the surface over the complete brush life cycle.

The second sensor reports the maximum axial travel of the spindle. This protects the tool from a crash. The sensors make programming easier and avoid process failures and downtime of the system.



Technical specifications

2 Inductive sensors:

- Operating voltage 24 V DC
- Connection M8 connector
- Sensor 1 for detecting contact on the workpiece
- Sensor 2 for detecting the max. compensation or collision detection

Technical Data

Type	ESR 30 AX25 ST
Article Nr.	60054275
Air supply	lubricated
Free speed	3000 min ⁻¹
Power	380 Watt
Radial deflection	-
Axial compliance	25 mm
Exhaust air	to front
ER collet	6 mm
Compliance force range	25 - 1000 N
Force of compliance max.*	- N
Direction of rotation	clockwise
Noise level	80 dB(A)
Air consumption	8.3 ls
Weight	4.75 kg
Connection air supply (hose) Ø inside outside	10 12
Accessories supplied	Wrench

All data related to 6.3 bar working pressure.
Subject to technical alterations.

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Accessories

Type	Article Nr.
collet 8 mm	9369842
collet 6 mm	9369839
collet 3 mm	9369855
collet 5 mm	9369850
collet 10 mm	9369852

Additional Images

