

Rotary brush twisting drive

Technical description

The system is used to produce rotary brushes for technical applications. With the slotted chain sprocket in zero position, a pair of core wires is clamped between two grippers. Bundles of brush wire are inserted at intervals between the core wire pair and fixed in place by twisting. One of the grippers is driven by the slotted sprocket.

Special features

- smooth running
- high force transmission
- chain tooth flank contact bridges the slot width

Technical data

Motor type	DC motor
Motor power N	7 [kW]
Drive torque M	100 [Nm]
Speed n	max. 700 [min ⁻¹]
Impact factor k	1,4
Velocity v	max. 9,18 [ms]
Tooth chain type	Biflex

