ZOOM

CG626

CARBON BRUSHES FOR WIND TURBINES

FOR PHASE AND GROUNDING OF WIND TURBINE GENERATORS

A PREMIUM GRADE

- Fitted to any wind generator
- Approved by most Original Equipment Manufacturers (OEM)*
- Already in operation in the world largest wind farms*

PRINCIPAL CHARACTERISTICS

- Low friction coefficient
- Minimal dusting
- Optimum performance in all environmental conditions

* Please contact us for our lists of references.

MERSEN PROPERTY

CG626 METAL-GRAPHITE GRADE FOR BRONZE AND STAINLESS-STEEL SLIP RINGS

- ▶ High current density capabilities (up to 18 A/cm^2)
- ▶ Proven grounding performance
- ▶ Offering extended life, even at high temperatures
- ▶ Lab and field-tested
- ▶ No aggressiveness towards the ring

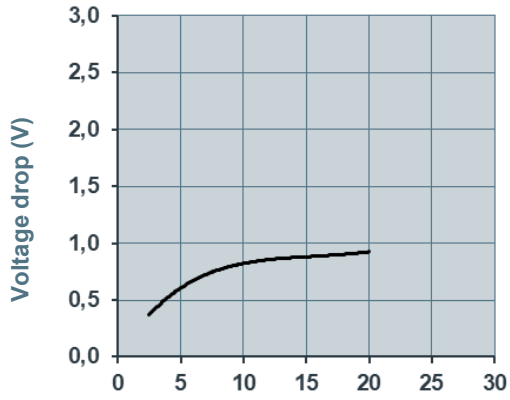
Average physical characteristics:

- Bulk density: 2,9
- Resistivity: 180 µΩ.cm
- Flexural strength: 45 MPa
- Metal content: 49%
- Graphite and additives: 51%

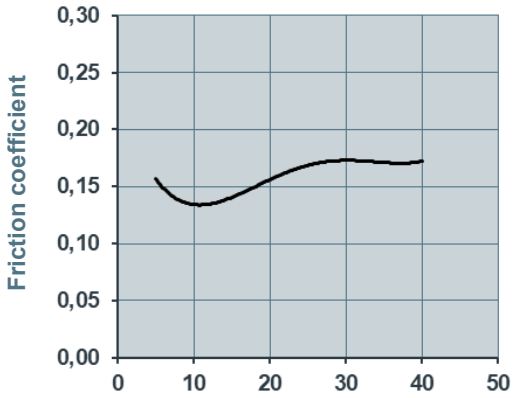
Recommended running conditions:

- Current density: 12 - 18 A/cm²
- Peripheral speed: ≤ 40 m/s
- Pressure on carbon brush: 18 - 25 kPa

Peripheral speed: 30 m/s



Current density: 12 A/cm²



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