ZOOM

MC837

CARBON BRUSHES FOR WIND TURBINES

FOR PHASE AND GROUNDING OF WIND TURBINE GENERATORS

A PREMIUM GRADE WITHOUT PRECIOUS METALS

- No silver dust
- Cost effective
- Direct substitute for silver brushes

PRINCIPAL CHARACTERISTICS

- Low friction coefficient
- Minimal dusting
- Optimum performance in all environmental conditions
- No material expansion

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MC837 BRINGS A PERFORMING ALTERNATIVE TO SILVER GRADES FOR BRONZE AND STAINLESS-STEEL SLIP RINGS

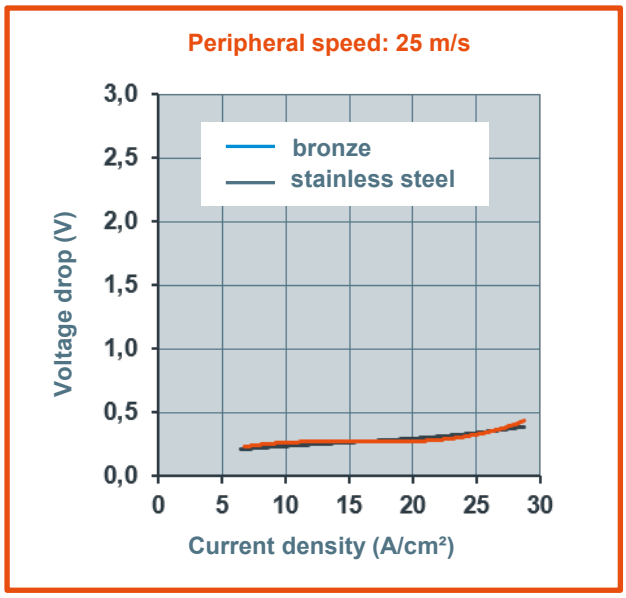
- ▶ High current density capabilities (up to 30 A/cm^2)
- ▶ Proven grounding performance
- ▶ Offering extended life, even at high temperatures
- ▶ Lab and field-tested
- ▶ No aggressiveness towards the ring

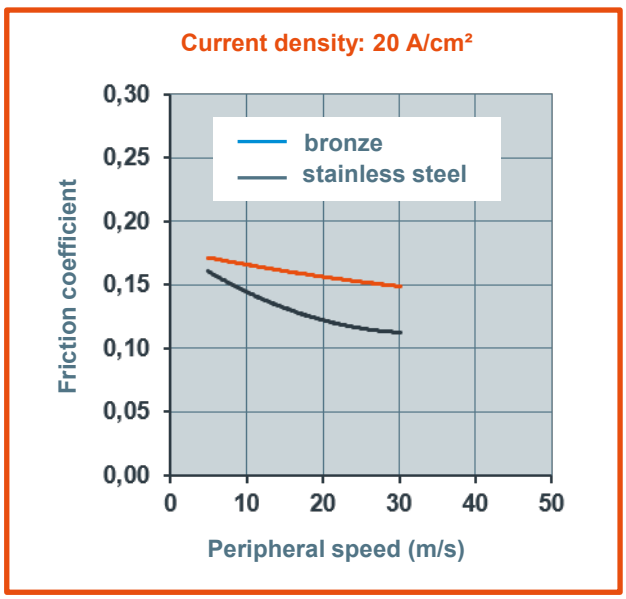
Average physical characteristics:

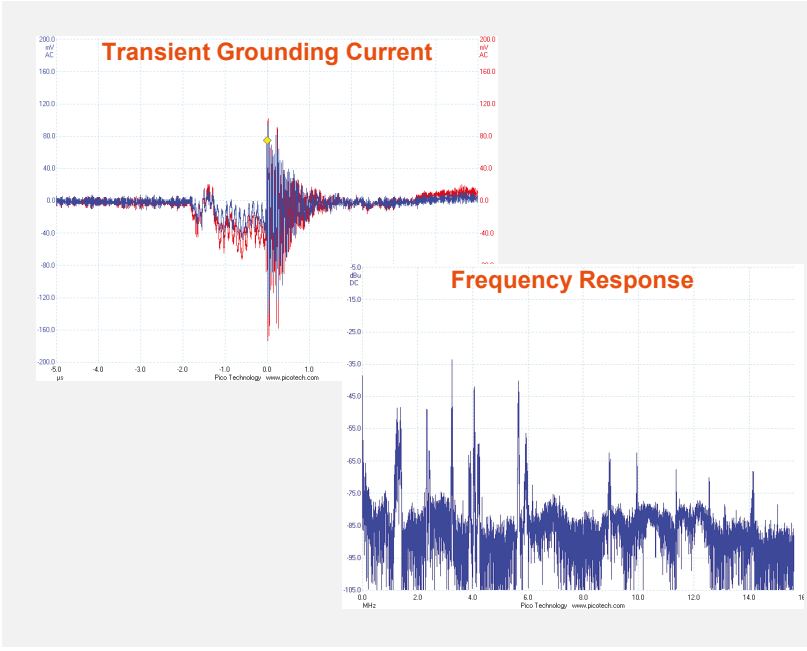
- Bulk density: 5,5
- Resistivity: 15 µΩ.cm
- Flexural strength: 70 MPa
- Metal content: 87%
- Graphite and additives content: 13%

Recommended running conditions:

- Current density: ≤ 30 A/cm²
- Peripheral speed: ≤ 30 m/s
- Pressure on carbon brush: 18 - 25 kPa







PTT-MC837-EN-2609

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