

ERS VAR 11-11

Electrically Released Brake
for Wind Turbines

Wind Turbine Applications

- Main rotor disc brake for small wind turbine (less than 50 kw)
- Failsafe brake for service lift

Warner Electric is a world leader in the design and manufacturing of electrically released brakes.

We offer a full range of brakes and specialize in customized solutions to meet the specific performance and installation requirements.

We have over 60 years of experience delivering high technology, cost effective industrial braking systems, and offer production, R&D, and application engineering support from ISO-certified facilities in Europe, Asia and the US.

For technical assistance call
Europe: +44 1356 60 2000
US: +1 800-825-9050



Industrie Service

Highly modular braking system for wind turbines

Electrically released failsafe brake caliper

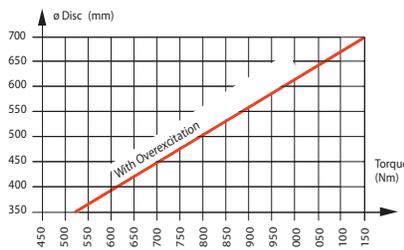
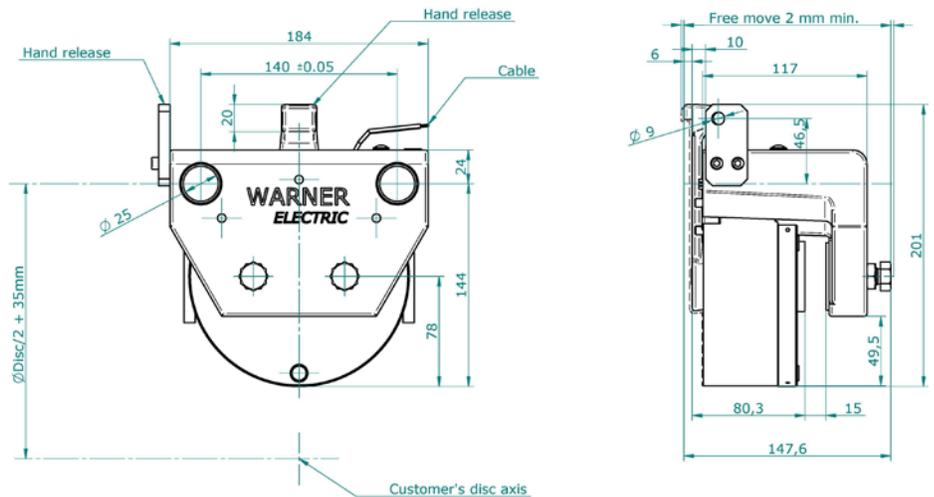
The VAR 11-11 operates in static and/or emergency stops.

- Torque according to disc diameter and number of calipers
- Floating magnet and fixed disc
- EC 95/16 certified
- Hand release equipped
- Overexcitation (dual voltage)
- Microswitch equipped (IP66)
- Very easy installation
- Nearly maintenance free (further information in our service manual)
- Equipped with airgap adjustment screws
- High quality corrosion protection treatment available (up to C5)



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Electrically Released Brake



Linear speed (outer diameter of disc):
standard up to 15 m/s

Friction material: Steel or grey cast iron

Subject to alteration without prior notice.

Voltage (VDC)

With Overexcitation

Holding Voltage	Overexcitation Voltage
24	48
52	103.5
103.5	207

Tolerances on the supply voltage at the brake terminals +5% / -10% (NF C 79-300).

- Several versions available:
 - High torque: up to 770 Nm on a 450 mm OD disc
 - Standard
 - Low consumption: down to 6 w
- Insulation class F (155°C)
- Ambient temperature: -20°C/+40°C

