



## MORE BIKE - MORE BRAKE

### SPECIAL TRP E-MTB DISC BRAKE

**Thicker brake rotors with larger diameters, increasingly heat-resistant mineral oil, and resilient brake pads that can withstand more heat and remain quiet throughout. These features distinguish the new TRP E-MTB disc brake from conventional brakes. The entire package is designed for maximum stability under increasing weights on today's e-mountain bikes.**

For over a year, TRP has been offering the stronger 2.3 mm brake discs up to a diameter of 223 mm (standard rotors measure 1.8 mm). During the 2019 season, the TRP E-MTB brake was revised again for more intensive and elaborate tests & development work in order to further adapt the brake to today's E-MTB's.

"The E-MTB pushes the demands on stability by the increasing system weight enormously. In addition to the drive, the brakes are the most stressed component - but certainly the one with the greatest responsibility for the safety of the driver. With TRP E-Bike Solutions, we specifically focus on the multitude of details with our brake expertise in order to make the overall package even more stable and therefore safer.

For this reason, we are constantly in alignment with our customers and constantly developing with our engineers," explains Thomas Lattke, Tekro Europe managing director.

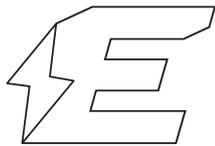


#### E BIKE SOLUTIONS MORE BIKE - MORE BRAKE

Do trucks have the same brakes as cars? TRP believes riders on bikes with an additional engine and battery need a stronger brake. TRP E Bike Solution products have specific solutions for heavier E- bikes. More braking power, more stability and stiffness, more heat resilience.

In addition to extensive laboratory and field tests, the development was accelerated with the help of the sponsored downhill teams in the Alps. The 13 riders from Intense Factory, Scott DH Factory, YT MOB and Commencal 100% put more than 300 days of racing on the largest 223 / 2.3 mm brake rotors in 2019. Breakthroughs were even had by Marine Cabirou who achieved three World Cup victories and one bronze medal at the World Cup in 2019.

TRP E Bike Solutions are the sum of all possible improvements so that today's E-MTB riders can enjoy long descents without cramped forearms, aching fingers and annoying braking noises.



## E-MTB FEATURES



### NEW MINERAL OIL

- + Decreased viscosity for better fluid flow
- + Increased heat stability up to 230°C
- + Easier to bleed



### NEW 2.3 MM ROTORS

- + 8% increase in heat stability
- + 47% increase in lateral stiffness
- + 223 mm option increasing braking leverage for larger 29" wheels



### E-CALIPER

- + Increased stability
- + Increased oil speed flow
- + Quicker response at rear brake
- + Quicker bleeding



### NEW BRAKE PADS

- + New performance resin compound
- + Increased heat stability
- + Shorter bed-in process



### ERGONOMIC LEVER BLADES

- + Lightweight aluminum body
- + Ergonomic single finger positioning
- + Dimpled accents for better grip



### NEW 5 MM BRAKE HOSE

- + Increased stiffness for better hydraulic pressure
- + Increased heat stability
- + Optimized for internal frame routing



### NEW CNC ADAPTERS

- + CNC machined
- + Increased stiffness and clean fit
- + Simple product Info (compatibility)

2.3

## TRP E-MTB SPECIFICATIONS

RECOMMENDED CATEGORIES	E-MTB / Enduro
WEIGHT	307g - without rotor & adapter
MATERIALS	Die-Cast / Forged Alloy
COLOR	Glossy Black
CALIPER	4 Piston Hybrid Design
LEVER BLADE	1-2 Finger Ergonomic Design / Alloy
LEVER REACH AJUSTABLE	Index tool free
OIL	Performance Mineral Oil
BRAKE HOSE	TRP 5 mm
BANJO FIT	Easy and flexible cable routing
PADS	Blue: Performance Resin - Copper: Full Metallic
ROTORS	2,3 mm thick
SIZES 6-BOLT	180/203/220/223 mm
SIZES CENTER LOCK	160/180/203 mm
SHIFTER INTEGRATION	MMX: HD3.6/ I-spec II direct
INTERFACE	Direct Mount
ADAPTER	Post Mount