



BREMBO BRAKING SYSTEMS FOR ALL THE RIDERS OF THE MOTOGP SERIES

100% of the 2017 MotoGP World Championship riders will use the braking systems from the Italian company

Stezzano, Italy, March 2017 - The 2017 international motorcycle racing season will be an important one for Brembo as 100% of the MotoGP field will race on Brembo braking components.

Two types of aluminium calipers are available for the 2017 season:

- *light duty*, designed and optimised for use with standard pads;
- *heavy duty*, conceived specifically for use with 'high mass' pads.

In addition, Brembo engineers are focused on satisfying the requirements of the different teams. The company offers to constructors an extensive "customization" of brake systems, deriving from the optimization of the specific requests of their riders.

The friction material, are available carbon discs with 320mm diameter and with larger diameter of 340mm, at high mass (35mm) and low mass (27mm), to guarantee in each track the correct operating range in terms of temperature. Specifically, discs with 340mm diameter at low mass have a thermal behaviour similar to discs with 320mm diameter at high mass but, by varying the diameter of the disc, give the possibility to generate braking torques higher than the same operating pressure.

Unique are the types of brake master cylinders to satisfy all of the teams requirements, both in terms of diameter of the piston and wheelbase in order to adapt both the race and the 'reactivity' of the control as a function of the feeling of rider. In addition, each motorcycle features the remote adjuster used by rider with the left hand to vary the position of the brake lever even while lapping the circuit.

Brembo will also provide wet discs, thanks to the experience deriving from Superbike Championship, Brembo proposes brake steel rotors of different diameter and thickness, usable without requiring the replacement of the brake master cylinder used in dry conditions. Different are the brake calipers used in wet conditions, specially designed to ensure the correct feeling to rider, even in case of low grip. During the 2016 season, in wet conditions, some riders used the carbon discs, a solution that, thanks to the continual work in the research and development of friction materials, it is now possible only if the temperatures of the braking system remain within the correct operating range.

The MotoGP World Championship begins March 26 at the Losail circuit in Qatar, and will continue through 18 events to conclude November 12 at the Spanish Valencia circuit.

12 riders are using Marchesini forged magnesium wheels

This year also sees Marchesini wheels used by the majority of the teams competing in the premier bike racing series. Brembo supplies to more than half of riders forged 17" magnesium wheels, with a weight of about 6 kg per pair.

Marchesini is a Brembo group brand, specialised in manufacturing sophisticated forged magnesium and aluminium wheels, with products used by teams winning numerous past editions of the MotoGP and WSBK Championships.

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