



INNOVATION, HERITAGE AND PASSION COME TOGETHER IN THE NEW DYATOM™ CARBON CERAMIC DISC

The most advanced carbon ceramic brake disc, developed by Brembo SGL Carbon Ceramic Brakes (BSCCB), takes the stopping power of the Ford GT MK II to the next level.

(Stezzano, Italy), 16th March, 2020 - Brembo, today, is proud to announce the launch of DYATOM™. Developed by Brembo SGL Carbon Ceramic Brakes, this new top-level solution for braking boosts the performance of carbon ceramic brakes to a whole new level.

DYATOM™ combines motorsport technology with outstanding wear resistance to achieve the highest thermal performance. Guaranteeing maximum braking power, this new solution fits perfectly to the new Ford GT MK II; the first super sport application of this new brake disc.

“Our long-lasting relationship with Ford today is further reinforced with the first application of DYATOM™ on the new Ford GT MK II. This demonstrates our capability to develop unique solutions for performance braking”, said Daniele Schillaci, Chief Executive Officer of Brembo. “We are proud to have collaborated with Ford in this new challenge, which confirms Brembo’s position as a leader in the development of carbon ceramic braking systems in sport and hyper car applications” he concluded.

The Brembo and Ford relationship dates back to the 1996, when Brembo first supplied front brake discs to the Mustang SVT Cobra R, and again in 2000 when Brembo calipers and discs were featured in the Mustang SVT Cobra R. Fast forward to today and Brembo braking systems components are used by Ford in the Mustang GT models (with available performance packages), Mustang Bullitt, Shelby GT350, plus the all-new Shelby GT500 and Mach-E.

The company has worked with the performance teams at Ford and Multimatic to tune the friction performance of the pads to the DYATOM™ discs in order to offer a more aggressive braking solution for the Ford GT MK II. Because the MK II is designed as a track car, engineers took advantage of Brembo’s over 42 years of racing knowledge and winning at the highest levels of motorsport to create this braking system.

The chemistry in the DYATOM™ carbon ceramic disc, with its five layers, provides extremely high thermal performance, with outstanding wear resistance even under severe track usage. Through this effect, the brake pad performance is supported by a lower operating temperature. As a consequence, the brake can be downsized to cope with the same braking power. Equally at this size, it can also handle an increased level of braking power.

Advantages:

- Lower operating temperature
 - allows for higher brake performance
 - less friction material wear
 - improved brake pedal stability thanks to a lower brake fluid temperature



- Downsizing of the DYATOM™ carbon ceramic brake disc
 - provides a more efficient material utilisation
 - reduces unsprung masses resulting in better vehicle dynamics and more efficient wheel contact with the road
 - shorter stopping distances
- Overall
 - long-lasting and enduring braking system
 - almost no abrasive wear on disc surface
 - discs can be applied with copper-free pads already in use in some families of Brembo/SGL carbon ceramic discs

Ford Mk II Brakes:

Front	Brembo six-piston, monobloc, fixed bridge, radial mounted aluminum caliper (M6.34/36/38), BSCCB ø394x38 mm carbon ceramic DYATOM™ brake disc Brake pads (148 cm ²) Exposed fluid lines on caliper allow for increased cooling
Rear	Brembo monobloc all-aluminum four-piston caliper (M4.36/38) BSCCB ø360x 32 mm carbon ceramic brake disc with friction layer Brake pads (72 cm ²) Electronic parking brake
Color	Black

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