



AIRBUS A320NEO

CARBON BRAKE

MESSIER-BUGATTI-DOWTY A320NEO CARBON BRAKE: GREATER PERFORMANCE FOR THE SAME WEIGHT

Messier-Bugatti-Dowty carbon brakes for A320neo feature more carbon without impact on shipset weight compared to the existing equipment. These carbon brakes offer higher performance (better energy absorption), faster cooldown, for shorter faster turnaround time (TAT) and increased fleet availability.

FEWER PARTS FOR GREATER RELIABILITY, REDUCED WEIGHT AND MAINTENANCE

The new A320neo carbon brake features extended piston stroke for a longer brake life and no chain design. Moreover the A320neo brake includes fewer hydraulic pistons (-28% than existing equipment) and is no longer fitted with a rear plate. This ensures the best brake design to optimize shipset weight and operating costs.

BETTER VENTILATION FOR A BETTER COOLING

In addition to more carbon, the new wheel design allows better ventilation (+44%) for better cooling.

NEO/CEO COMMONALITY

With the same interface on the main landing gear, Messier-Bugatti-Dowty A320neo wheels and carbon brakes are compatible with the A320ceo. Airlines deploying several different A320ceo/neo models will be able to manage their wheels and brakes more efficiently, decreasing inventory and reducing expenses.

Thirty years after introducing carbon brakes on commercial jets, Messier-Bugatti-Dowty is the world's leading supplier of A320 carbon brakes, equipping over 70% of the worldwide fleet.

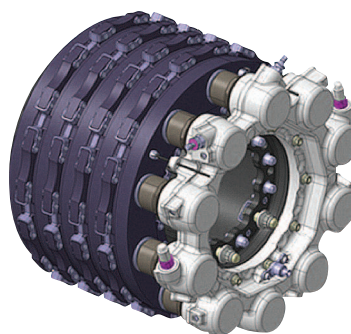
For the upcoming Airbus A320neo, Messier-Bugatti-Dowty is offering a new generation of carbon brakes, with even higher performance for a second life of an A320.

TODAY'S MOST ECO-FRIENDLY HYDRAULIC BRAKE

- > Cadmium-free
- > Chrome-free
- > Beryllium-free
- > Asbestos-free

SEPCARB®III OR, THE BEST SELLING CARBON BRAKE

Over 7,000 commercial jetliners in service are fitted with Messier-Bugatti-Dowty's SEPCARB®III OR (oxidation resistant). These brakes also feature the Anoxy 66 anti-oxidation coating to guarantee longer brake service life, even under intensive use, and better resistance to oxidation caused by the runway de-icers.



Messier-Bugatti-Dowty (Safran) is the world leader in aircraft landing and braking systems. The company's capabilities encompass the full product life cycle, ranging from design and manufacture to in-service support, repair and overhaul. Messier-Bugatti-Dowty is a partner to 30 leading commercial, military, business and regional aircraft manufacturers, and supports 25,000 aircraft making over 40,000 landings every day. The company has more than 7,000 employees at locations in Europe, North America and Asia.

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