



## **NEW BREMBO BRAKING SYSTEM FOR SPORTSTER S** **Cutting-edge components for the new generation** **of Harley-Davidson Sportsters**

Stezzano (Italy), November 23, 2021 - Brembo introduces a new braking system designed for the Sportster S, the progenitor of the new power cruisers recently launched by Harley-Davidson.

The new Brembo components reflect the hallmarks of Brembo braking systems: performance, light weight and style.

The 4-piston (32 mm) monobloc radial front caliper boasts a unique design and strong personality. Its shape combines sharp edges with softer curves to create a style that matches the personality of the bike. This silhouette was developed through the use of topological optimization software - which optimizes caliper stiffness while minimizing weight - and the know-how that Brembo has accumulated over almost 50 years of success in MotoGP.

The result is a new geometry that takes full advantage of the material's characteristics. During the design phase of the caliper, Brembo was also able to improve the ventilation channels, thus increasing cooling.

These features, combined with the radial brake master cylinder (15mm diameter) with pre-applied reservoir and layout of the reservoir connections optimized to facilitate self-bleeding, are the result of Brembo's racing experience and guarantee consistent performance in all situations.

Also new on the master cylinder are the extremely compact signal microswitches and the axial rubber dust boot with low axial clearance. The response of the lever is immediate with adjustable deceleration in all riding conditions.

The design of this radial master cylinder features all the stylistic elements already adopted for the products in the RCS Corsa Corta family, to further emphasize the racing-derived nature of this new component.

At the rear is the brand new brake caliper, whose brake pads have a larger braking surface area and volume to increase their service life and the braking efficiency of the system. Service for pad changes is also made easier by the presence of the dual mounting pin.

A 320mm diameter front brake disc and rear master cylinder with retained push rod complete the braking system.

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