DE BETHUNE

L'ART HORLOGER AU XXI^e SIÈCLE

DB28GS

Press release, Geneva 2015

De Bethune Geneva Office – Terrasse Agrippa D'Aubigné 6, P.O. Box 3158, 1204 Geneva – Switzerland – Tel: +41 22 310 22 71

DE BETHUNE
L'ART HORLOGER AU XXI^e SIÈCLE

DB28GS

The De Bethune horological tradition is all about innovation

Making innovation the very core of the creative process. Viewing today's approach as a continuation of the endeavours undertaken by the great master-watchmakers of the Age of Enlightenment. Integrating new technologies and applied materials with mathematical calculations and the fundamental principles of classic mechanics. Pushing the limits of watchmaking techniques while improving reliability and comfort. Favouring taut lines and juxtaposed materials, playing with finishes, volumes and light effects to convey and stir emotions – the very emotional appeal exuded by the greatest horological masterpieces.

The DB28GS expresses a bold character revealed through both its aesthetic and technical attributes. It fully complies with the strict rule of wearer comfort that De Bethune applies to its models, and particularly those in the DB28 collection. It owes this exceptional comfort to a combination between the lightness of the titanium case, the softness of its hand-polished finish, the 12 o'clock crown position, and above all the presence of the patented floating lugs system that adapts to wrist size and movements. A natural rubber strap featuring a microlight motif, a first among the brand's collections, also contributes to making it extremely pleasant to wear.

This model has fully benefited from the special attention lavished on refined hand-crafted finishes performed in the workshops at L'Auberson, such as the microlight decoration of the bridges and mainplate, the flat polishing of the deltoid-shaped bridge, or the deep azure shade of the hands achieved using the ancestral flame-blueing technique.

It also meets the high demands and reliability standards imposed by the De Bethune Technical Department on its in-house calibres, notably by equipping them with innovations and patented inventions that have been regularly rewarded the 13 years of research conducted by the engineers in La Chaux.

The DB28GS proudly displays impeccable water resistance to depths corresponding to three full leagues under the sea. Its DB2115 calibre is equipped with a self-regulating twin barrel ensuring a 6-day power reserve – a performance that can be tracked by means of a blue indicator at 3 o'clock.

The presence of the silicon/white gold balance wheel and balance-spring with flat terminal curve ensures the ideal inertia-mass ratio for an optimal frequency of 28,800 vph suited to wristwatches.

The work done on the regulating organ follows well-known physical laws. The patents for the curve of the balance-spring as well as the annular balance, featuring maximum inertia and minimal weight, composed of a disc made of openworked silicon (a light material in the centre) and white gold (a heavy material on the exterior), all present significant technical advances contributing to the performance and precision of this calibre.

The watch also undergoes a number of reliability and shock-resistance tests, which it passes with flying colours notably because of its triple pare-chute shock-absorbing system that protects the heart of its movement by a titanium bridge held by a spring system. Three jewels connect the various elements, serving not only to absorb shocks but also to secure the bridge in case of abrupt displacements.

The GS was designed by David Zanetta and Denis Flageollet; it was thought out and developed in the R&D lab in La Chaux, and then entirely crafted in the workshops at L'Auberson. The GS is a DB28: a true De Bethune creation.

Contact
press@debethune.com
De_Bethune

DE BETHUNE
L'ART HORLOGER AU XXI^e SIÈCLE

DB28 Grand Sport

Technical specifications

Name:	DB28 Grand Sport
Reference:	DB28GSV1AN / S
Functions:	Hours, Minutes, Performance indication between 2 and 3 o'clock
Movement:	DB2115v2
Type:	Mechanical hand-wound movement
Adjustment:	Winding and setting the time by means of the crown (2 positions)

Technical features of calibre DB2115v2

Number of parts:	263
Jewelling:	35 jewels
Diameter:	30 mm
Power reserve:	6 days, ensured by a self-regulating twin barrel *De Bethune Innovation (2004)*
Specificities:	Titanium balance wheel with white gold inserts, optimised for temperature differences and air penetration *De Bethune Patent (2016)* "De Bethune" balance-spring with flat terminal curve *De Bethune Patent (2006)* Silicon escape wheel Triple *pare-chute* shock-absorbing system *De Bethune Innovation (2005)*
Frequency:	28,800 vibrations per hour
Adornment:	Mirror- polished grade 5 titanium motion-work bridge Plate and barrel bridge covers in hand-smoothed grade 5 titanium and adorned with "*Microlight* engraving" *De Bethune Innovation (2007)* Hand snailed barrels Hand-polished and chamfered steel parts

DE BETHUNE
L'ART HORLOGER AU XXI^e SIÈCLE

Display

Display:	Hand-smoothed grade 5 titanium with hand-polished flame-blued steel hours hand Hand-polished flame-blued steel minutes hands Performance indication between 2 and 3 o'clock
Dial:	Hand-smoothed grade 5 titanium minute ring with blue relief Arabic numerals

Case and strap

Case material:	Hand-smoothed grade 5 titanium
Case diameter:	44 mm
Case thickness:	11,2 mm
Lugs:	Short or long floating lugs in hand-smoothed grade 5 titanium – *De Bethune Patent (2006)*
Crystal:	In sapphire crystal (1800 Vickers hardness) with double anti-reflective coating
Case back:	Screwed down closed back in hand-smoothed grade 5 titanium
Water resistance:	10 ATM
Strap:	De Bethune rubber strap
Buckle:	Pin buckle in hand-smoothed grade 5 titanium