

GREUBEL FORSEY

ART  INVENTION

Balancier 3
In titanium
Limited edition

Hand-wound movement • Hours and minutes • small seconds • power-reserve • Greubel Forsey balance wheel system

Movement

Movement dimensions

- Overall diameter: 35.80 mm
- Thickness: 9.03 mm

Number of parts

- Movement: 282 parts

Number of jewels

- 43
- Olived-domed jewels in gold chatons

Chronometric power reserve

- 72 hours

Barrels

- Two series-coupled fast-rotating barrels (1 turn in 3.2 hours), one of which is equipped with a slipping spring to avoid excess tension
- Relief-engraved text, circular-grained, black treatment

Balance wheel

- In-house variable-inertia with 6 gold mean-time screws (12.60 mm diameter)

Frequency

- 21'600 vibrations/hour

Balance spring

- Phillips terminal curve
- Geneva-style stud

Bridges and main plate

- Titanium
- Frosted, polished bevelling and countersinks, black or blue treatment according to the version
- Multi-level, polished openworked arch bridge, polished bevelling and countersinks

Movement side

- Frosted bridges, polished edges and countersinks
- Gold plate with engraved limitation number, circular-grained, polished bevelling and countersinks, straight-grained flanks

Gearing

- Involute circle profile

Displays

- Hours and minutes, on suspended arch bridge
- Small seconds on disc
- Power reserve on a sector (movement side)

Exterior

Case

- Titanium with curved synthetic sapphire crystal
- Three-dimensional, variable geometry-shaped bezel, hand-polished with hand-finished straight graining
- Profiled lugs
- Transparent back with synthetic sapphire crystal
- Titanium security screws
- Raised engraving "Balancier 3" and "Greubel Forsey"

Case dimensions

- Caseband diameter: 41.50 mm
- Bezel diameter: 43.60 mm
- Case height: 13.35 mm
- Height on synthetic sapphire crystals: 13.55 mm

Water resistance of the case

- Water-resistant 5 atm - 50 m - 164 ft (standard NIHS 92-20/SN ISO 22810:2010)

Crown

- Titanium, polished and straight-grained, with GF logo

Dial side

- Three-dimensional, variable geometry hour-ring with engraved and lacquered minute-circle
- Three-dimensional, variable geometry hour indexes, polished, with Super-Luminova
- Light alloy small seconds indicator, circular-grained

Hands

- Hours and minutes, curved profile, polished steel with Super-Luminova
- Small seconds, fixed red triangle
- Power-reserve, in polished steel, flat black polished head

Strap and clasp

- Non-animal material, rubber with texture in relief, titanium folding clasp, engraved GF logo
- *On demand:* 3-row metal bracelet in titanium, folding clasp with integrated fine adjustment, engraved GF logo