

QP à Équation

In 5N red gold - Millésimé

Chocolate-coloured dial

Hand-wound movement with 4 patents

Bidirectional perpetual calendar • day, date, month, calendar year, leap year, day/night • equation of time with month, season, solstice and equinox • function selector • Tourbillon 24 Secondes • hours and minutes • small seconds • power-reserve

Movement

Movement dimensions

- Diameter: 36.40 mm
- Thickness: 9.60 mm

Number of parts

- Movement: 624 parts
- Tourbillon cage: 86 parts
- Weight of the cage: 0.37 g

Number of jewels

- 75
- Olivé-domed jewels in gold chatons

Chronometric power reserve

- 72 hours

Barrels

- Two coaxial series-coupled fast-rotating barrels (1 turn in 3.2 hours), one of which is equipped with a slipping spring to avoid excess tension

Balance wheel

- Variable-inertia with gold mean-time screws (10 mm diameter)

Frequency

- 21'600 vibrations/hour

Balance spring

- Phillips terminal curve
- Geneva-style stud

Main plates

- Nickel silver, frosted and spotted with polished bevelling and countersinks, straight-grained flanks, nickel-palladium treatment

Bridges

- Nickel silver, frosted and spotted, with polished bevelling and countersinks, straight-grained flanks, nickel-palladium treatment
- 4 engraved gold plates, one with the individual number
- Flat black polished steel tourbillon bridges
- Synthetic sapphire mechanical computer bridge

Tourbillon

- Inclined at a 25° angle, 24-seconds rotation
- Light alloy cage pillars
- Titanium cage bridges
- Gold counterweight

Gearing

- Involute circle profile
- Tangential inclined gear on fixed wheel and profiled teeth on escape wheel pinion

Dial displays

- Hours and minutes
- Small seconds
- 72-hours power reserve on a sector
- Day of the week, large date and month
- Leap year
- Day-and-night with red safety zone
- Function selection (perpetual calendar or H/M time adjustment)

Back displays

- Equation of time with month, season, solstice and equinox
- Calendar year

Exterior

Case

- In 5N red gold with asymmetrical convex synthetic sapphire crystal
- Transparent back with asymmetrical synthetic sapphire crystal
- Three-dimensional, variable geometry-shaped lugs
- Raised polished-engraving "QP à Équation" and "Greubel Forsey" on a hand-punched background
- Gold security screws
- Polished bezel, caseband with hand-finished straight graining
- Hand-engraved individual number

Case dimensions

- Diameter: 43.50 mm
- Height: 16.00 mm

Water resistance of the case

- Water-resistant 3 atm - 30 m - 100 ft (standard NIHS 92-20/SN ISO 22810:2010)

Crown

- In 5N red gold with engraved GF logo

Dial

- Multi-level gold dial, chocolate-coloured
- Gold hour markers
- Small second, power-reserve
- Leap year in polished steel, black treatment
- Gold perpetual calendar aperture with polished raised engraving
- Gold GF logo

Hands

- Hours and minutes in polished gold with Super-LumiNova
- Small seconds, power-reserve in polished gold
- Leap year in polished steel, black treatment

Strap and clasp

- Hand-sewn alligator
- 5N red gold folding clasp, hand-engraved with the GF logo

