

RONDA powertech 500 and 762E, 763E

Affordable metal movements
for reliable quality watches

Caliber 505 – 10½'''



Product Specifications

Analog quartz movement

Line powertech

Caliber 505

Size 10½'''

Version Swiss Made 1 Jewels / nickel plated
Swiss Parts 1 Jewels / nickel plated

Standard battery life 45 months

Hand fitting height 1

Features

- Repairable metal watch movement
- Power saving mechanism with pulled out stem: Reduction of consumption approximately 70%
- Interchangeability: All versions 10½''' with same movement height 3.00 mm and stem height 1.50 mm
- Very powerful stepping motor

Functions

- Date
- 3 hands

Technical Specifications

| | |
|--------------------------------|--------------------------------------|
| Diameter Total | 23.90 mm |
| Case fitting | 23.30 mm |
| Movement height | 3.00 mm |
| Height over standard battery | 3.25 mm |
| Movement rest | 0.80 mm |
| Height over stem | 1.50 mm |
| Length of stem travel | 1.00 mm |
| Stem thread | 0.90 mm |
| Standard battery | 371 |
| Standard battery life | 45 months |
| Battery voltage | 1.5 V |
| Current consumption – typical | 1.28 µA (Date Mechanism not in Gear) |
| Current consumption – maximum | 1.85 µA (Date Mechanism not in Gear) |
| Useful torque second – typical | 11 µNm |
| Useful torque minute – typical | 550 µNm |
| Operating temperature | 0 - 50 °C |
| Instantaneous rate | -10/ +20 sec/month |
| Resistance to magnetic fields | 18.8 Oe |
| Resistance against shock | NIHS 91-10 |

Watch production

Drawing Casing ring (standard, PDF)
 Drawing Dial (stem 3h, calendar 3h, PDF)
 Drawing Dial (stem 3h, calendar 4h, PDF)
 Drawing Dial (stem 3h, calendar 3h, round, PDF)
 Drawing Dial (stem 3h, calendar 6h, PDF)
 Drawing Dial (stem 3h, calendar 6h, round, PDF)
 Drawing Dial (stem 3h, calendar 4h, PDF)
 Drawing Dial (stem 3h, calendar 4 1/2 h, PDF)
 Drawing Hand fitting (hand height 6, PDF)
 Drawing Hand fitting (Zeigerwerkhöhe 1-2, PDF)
 Drawing Stem

User's manual

User's manual (PDF)

Watch repairs

Technical instruction (PDF)

