

RONDA powertech 500 and 762E, 763E

Affordable metal movements
for reliable quality watches

Caliber 513S – 11½'''



Product Specifications

Analog quartz movement

Line powertech

Caliber 513S

Size 11½'''

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

Standard battery life 24 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 11½''' with same movement height 3.00 mm and stem height 1.50 mm
- Very powerful stepping motor
- Fix motor pulse

Functions

- Option for second disc
- 3 hands

Technical Specifications

Diameter Total	26.00 mm
Case fitting	25.60 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	0.45 mm
Stem thread	0.90 mm
Standard battery	371
Standard battery life	24 months
Battery voltage	1.5 V
Current consumption – typical	2.4 µA
Current consumption – maximum	2.65 µA
Useful torque second – typical	9 µNm
Useful torque minute – typical	450 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, PDF)
 Drawing Hand fitting (Zeigerwerkhöhe 1-2, 6, PDF)
 Drawing Stem

Watch repairs

Technical instruction (PDF)

