



HJF-37 SEXTANT

Application: marine sextant is a reflective optical angle measuring instrument.

Range of measurement: $-5^{\circ} \sim +130^{\circ}$

Measuring error: $\pm 20''$

Least count: $12''$

Ambient temperature: $-30 \sim 50^{\circ}\text{C}$

Telescope: 3.5X 40

Lighting voltage: 3V



HJF-62 THREE-BAR DIAGRAPH

Application: applied for three point problem on the chart

Diameter of circle: 126.85mm

Least count: 1 minute of arc

Length of pole: 630mm



HJF-65 SHIP'S CLOCK

Quartz resonator: 4.194304MHZ

IC: pulse width: 46.875ms, output frequency: 0.5Hz

Transducer: a pair of pole eccentric stepper motor, output torque of minute hand not less than $8 \times 10^{-3}\text{Nm}$

Travel time precision: $+23^{\circ}\text{C} \pm 2^{\circ}\text{C} \text{ error } \pm 0.5\text{s/d}$

Ambient temperature: $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$

Anti-vibration: 80 HZ, 2g

Shock resistance: 5g, 30mins, proper functioning

Specification: $\Phi 228 \times 60\text{mm}$, 1kg,

diagrameter: $\Phi 170\text{mm}$