

Bearing Repeater Compass



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The bearing repeater compass is equipped with a 360° compass card and a digital display for heading indication. The heading source – gyro compass, magnetic compass or satellite compass – is also indicated.

Bearing sights can be easily mounted on the centric adapter. The reflected 360° dial on the compass card is used for the reflection into the bearing sight. A fixed 360° scale on the outer ring allows relative bearings to be taken.

For use on double-end ferries a 180° offset can be added. Illumination is controlled via push-button. Bearing sights, bearing brackets and a pelorus stand are available.

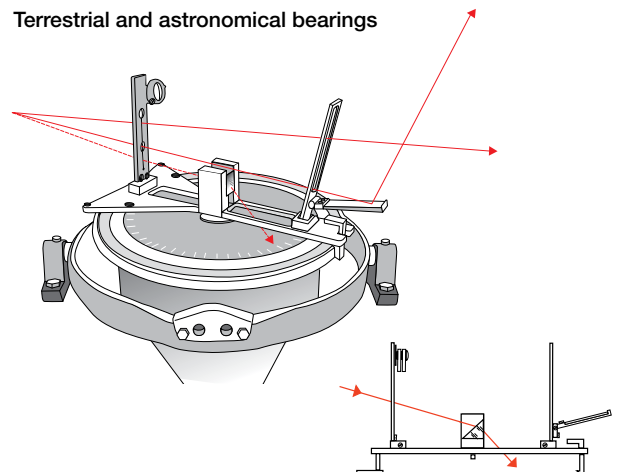


Bearing sight CP190

- hinged wire and slit vane for exact bearings
- index marks for reading the relative bearings on the gradual scale of the repeater compass
- glass prism and index wire to read compass bearings on the gradual scale of the repeater compass
- mirror for astronomical bearings
- two hinged tinted filters (black) for direct sun observation
- the bearing sight comes in a protective case for safe-keeping

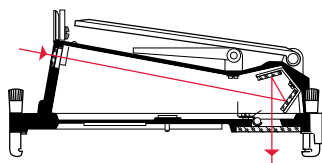


Terrestrial and astronomical bearings

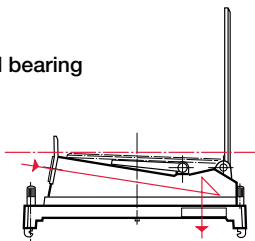


Standard bearing sight

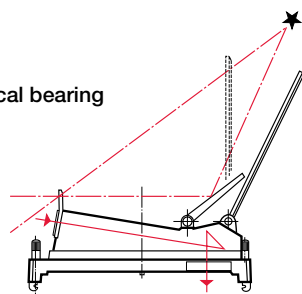
- index marks for reading the relative bearings on the gradual scale of the repeater compass
- high reading accuracy due to internal optical path
- mirror for astronomical bearings
- hinged tinted filter (black) for direct sun observation
- level indicator for horizontal alignment of the bearing repeater
- solid design without wires
- the bearing sight is delivered in a protective case for safe-keeping



Terrestrial bearing

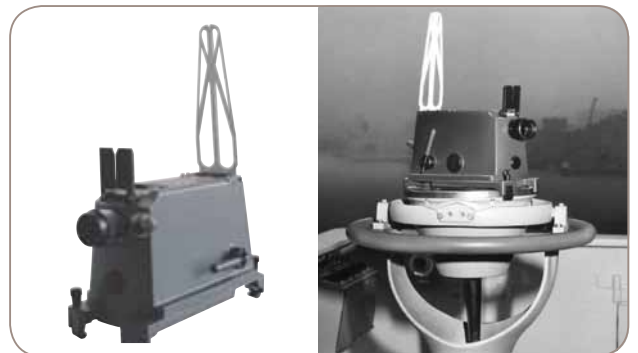


Astronomical bearing

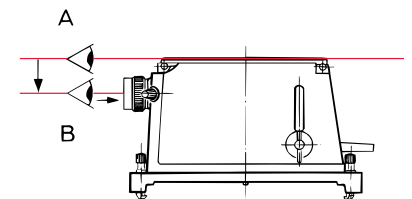


Telescopic bearing sight

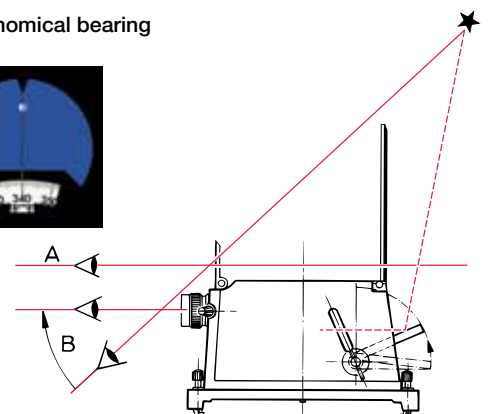
- bearing sight with seven times optical magnification
- ocular with dioptr adjustment
- high quality night optics
- direct reflecting of compass card into field of view for direct reading of bearing
- mirror for astronomical bearings and seven times power magnification
- three hinged tinted filters (yellow, grey, black)
- level indicator for horizontal alignment of the bearing repeater
- taking of bearings without use of optics
- solid design without wires
- the bearing sight is delivered in a protective case for safe-keeping



Terrestrial bearing

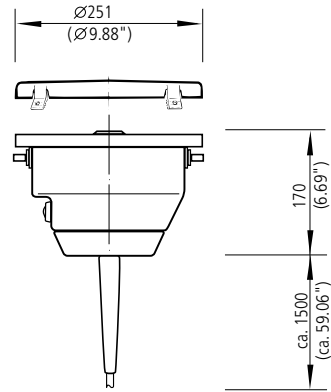


Astronomical bearing



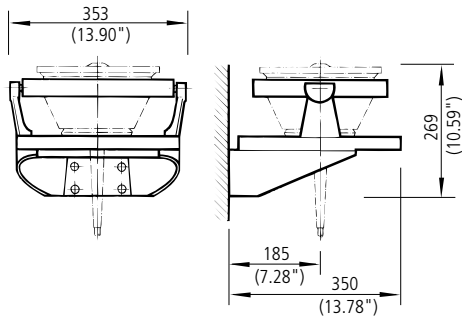
Technical Data

Reading accuracy	0.5° on compass card 0.1° on digital display
Supply voltage	24 V DC (18 – 36 V DC)
Power consumption	max. 10 W
Signal input	RS 422 / RS 232C NMEA or Anschütz course bus
Permissible ambient temperature	-25° C to +70° C
Type of enclosure acc. to IEC/EN 60529	IP 56
In accordance with	EN/IEC 60945, EN/IEC 61162



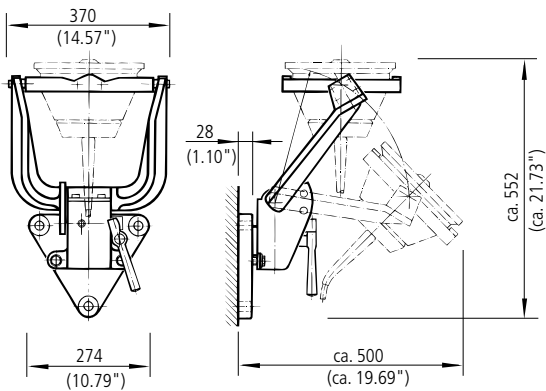
Bearing bracket, non adjustable

Weight 8 kg



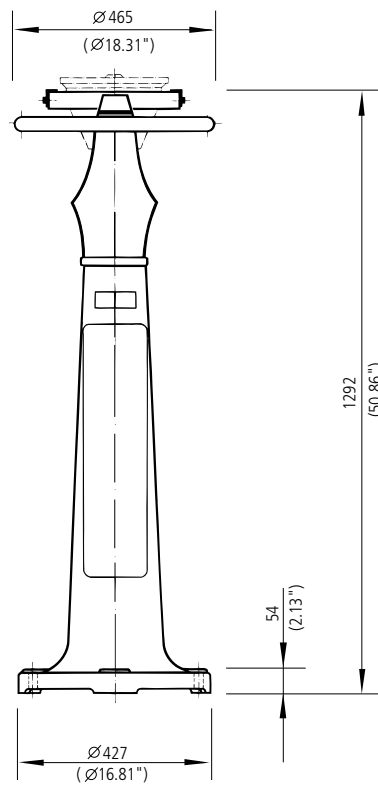
Bearing bracket, adjustable

Weight 13 kg



Pelorus stand

Weight 34 kg



Subject to change due to technical developments without notice.

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