



C.PLATH
— HAMBURG —

C.Plath Magnetic Compasses

individual – sportive – modern



www.cplath-hamburg.com



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HAMBURG

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For generations the name C.Plath-Hamburg makes the hearts of skippers jump higher – a piece of living seafaring history. After all the magnetic compasses of C.Plath-Hamburg stand for a maximum of precision, reliability and quality since almost 150 years.



Ever since the days of Carl Plath the manufacturing of a C.Plath magnetic compass is an art which requires – apart from best materials a high degree of craftsmanship, know-how, experience and fingertip feeling. After all our magnetic compass is – due to its traditionally laborious production – up to this day the reliable centrepiece of the navigation on board.

The demands a compass is exposed to as years go by are extremely large. They are the reason why C.Plath compasses have been designed. Since they are tuned optimally they defy strong vibrations, heat and humidity. Even in rough sea they offer highest functionality for your safety.

- **Flawless Metering at day and night:** due to black-white 5°, 2°- or 1°- compass card; anti-dazzle red 12-V- or 24-V lighting, optional 24-V, simple modern design with clearly visible lubber lines
- **High Durability:** due to highest-quality materials – cristal clear, scratch-proof and impact-proof mineral glas dome, UV light resistant materials, seawater resistant anodized, powder-coated aluminium casing
- **Precision and Reliability even at most difficult conditions:** calm and precise display due to full spherical solid construction with inner gimbal system; volume equilibrium through oscillation isolating double bottom
- **Vibration resistance:** surpasses GL-demands tested up to 60 knot speed
- **Flexible:** apt for all yachts and boats also for highest demands
- **C.Plath Hamburg Cube:** All high-quality C.Plath compasses are being shipped in a precious C.Plath – Cube with silk lining – our protection and transport box for each of our jewels.
- **50-years Manufacturer's Warranty:** It is important for us that you will always be delighted with your compass and its reliability. Therefore we offer a 50-years Manufacturer's Warranty based on a regular maintenance. Read more about this at www.cplath-hamburg.com



Find us on Facebook®.

C.PLATH MERKUR

In their precision, durability and good metering C.Plath compasses are unsurpassed.

The compasses of the Merkur series are characterized by the following features:

- apt for sailing boats, yachts, motor boats and life boats (R2°)
- apt for different mounting options
- extremely shock-resistant for the use on life boats
- very well suited for high speeds
- C.Plath compasses are certified by GL (Notified Body 0098) according to the requirement 96/98/EC in accordance with module B and D (Wheelmark), with the exception of Merkur R2°.

Technical data of the magnetic compasses of the Merkur series:

- 120 mm apparent card diameter
- 12-V lighting, 24-V as option, red, dazzle-free
- compass weight: 1,6 kg
- deviation error $\leq 1^\circ$
- friction error $\leq 1^\circ$
- lag error $\leq 2^\circ$
- oscillation period $\geq 4,7$ sec.
- temperature range: -30°C to 60°C
- cut-out diameter: $\varnothing 139$ mm
- pitch diameter of flange: 155,5 mm
- installation depth: 72 mm



Merkur VZ-E Typ: 2074

Compass for flush bulkhead mounting

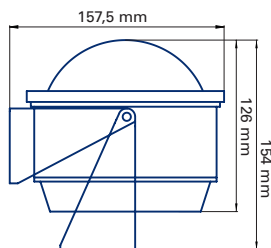
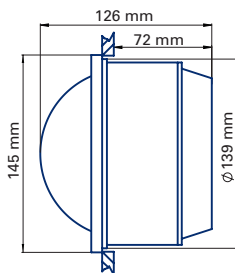
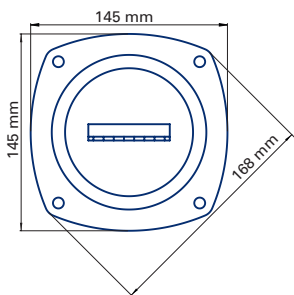
- double, clear 5° compass card with six lubber lines
- readable from top and front
- unlimited rolling freedom
- heel angle up to 45° position
- pitching freedom $\pm 60^\circ$
- rear panel as accessory



Merkur VZ-R Typ: 2069

Universal compass for mounting on pulps, sliding hatch as well as bulk-head and suspended from the ceiling

- bracket mounting and quick-release fastener
- double, clear 5° compass card with six lubber lines
- readable from top and front
- unlimited rolling freedom
- heel angle up to 45° position
- pitching freedom $\pm 60^\circ$



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Merkur S-R Typ: 4221



Merkur S-E Typ: 4220



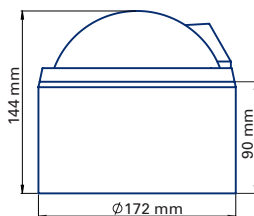
Merkur R2° Typ: 2631

Console compass

- clear 5° compass card with three lubber lines

Accessories/Types of mounting:

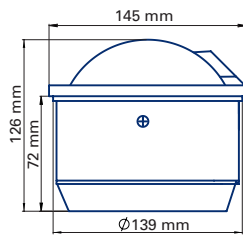
- table-top console Ø 172 mm for assembly on control panel
- bracket for mounting at the bulkhead, binnacle or console.



Compass for horizontal assembly or mounting

- clear 5° compass card with three lubber lines
- high resilience at horizontal acceleration

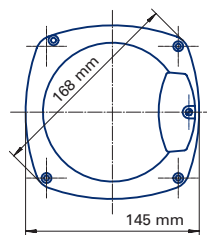
lateral view Merkur S-E and R2°



Life boat compass

- especially apt for life boats and other motor boats
- for horizontal mounting
- clear 2° compass card with one lubber line
- extremely vibration-resistant
- glow stick retainer as option

top view Merkur S-E and R2°



C.PLATH VENUS

C.Plath-Hamburg: Traditionally pointing the way in function and design.

The Venus compass is marked by the following features:

- apt for motor boats and sailing yachts
- 6 lubber lines: 5 yellow lubber lines and 1 curved main lubber line
- 1 shadow pin for relative bearing
- choice of 5° or 1° compass card
- apt for all magnetic zones
- extremely high resilience due to aligned gimbal system
- console made of seawater resistant aluminium, anodized and powder-coated
- C.Plath compasses are certified by GL (Notified Body 0098) according to the requirement 96/98/EC in accordance with module B and D (Wheelmark)
- optionally available with GL badge

Technical data of the magnetic compasses of the Venus series:

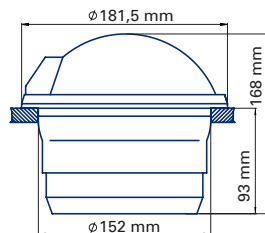
- console compass
- 150 mm ostensible card diameter
- 12-V or optionally 24-V lighting, red, anti-glare
- compass weight: 3,1 kg
- lubber line error $\leq 1^\circ$
- deviation error $\leq 1^\circ$
- friction error $\leq 1^\circ$
- lag error $\leq 2^\circ$
- oscillation period $\geq 4,7$ sec.
- temperature range: -30°C to 60°C
- cut-out diameter: $\varnothing 152$ mm
- pitch diameter of flange: 164 mm
- installation depth: 100 mm
- height with binnacle: 195 mm
- binnacle diameter: 170 mm
- weight of binnacle: 1,2 kg

*Quality-conscious owners
trust their Venus compass.
Especially at regattas and
during longer turns
VENUS convinces due to
its outstanding and
calm display.*



Venus H Typ: 2795

**Compass for flush mounting in
cockpit floors, control stands,
decks and control columns.**





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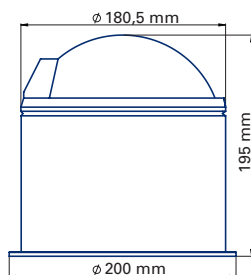


C.Plath compasses from Hamburg are the epitome for quality, safety and durability.



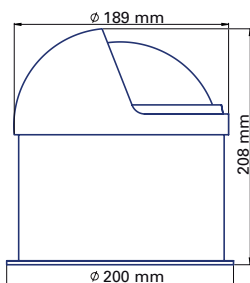
Venus HC Typ: 2795

Compass for flush mounting on control columns and consoles, mounted in round console.



Venus HS Typ: 2795

Compass for flush mounting on control columns and consoles, mounted in round console, with hood.





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C.Plath is a brand of the Hamburg-based firm Hein & Oetting, a manufacturer of precision engineering rich in tradition. Thanks to our long-term experience we reliably fulfill the high demands being posed on the manufacture of the C.Plath compasses. "Precision out of passion" is our motto – with this passion we work on our "jewels".

"In all winds and weathers one absolutely has to rely on one's compass. Of course our C.Plath compasses are my first choice. I trust our quality."

Lars Reeder

Owner of Hein & Oetting – manufacturer of C.Plath compasses Merkur and Venus – and an enthusiastic yachtsman.

Dealer

 **HEIN & OETTING**
Präzision aus Leidenschaft

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