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## Type CGT-165 Marine Magnetic Compass

CGT-165 Projection Magnetic Compass is a sort of vertical liquid magnetic compass with excellent performance and reliable working.

It is designed and manufactured in accordance with the national standard GB/T 14108-2011 (General Technical Terms of Marine Magnetic Compass Class A)

and completely accord with the demand and standard of the relevant navigation equipment regulated by ISO449 and IMO.

The product has the characteristics of high precision and steady performance and can be used for long time under inclement weather at ship sailing. It has the following characteristics:

- 1.It is the standard magnetic compass as well as concurrently acting as steering magnetic compass and overcome the difficulties that the wheelhouse is lack of area for mounting and it is difficult correcting in the steel cabin. It is useful for the arrangement of console.
- 2.The projective tube is changed directly inserting in the bottom of the compass from the wheelhouse . The advantages of it are simple installation, convenient maintenance and may disassemble the clean imaging glass at any moment.

### Main technical parameters

Project	Data
Dial Diameter	Φ165mm
Dial graduation	0°~360° 1°for each grid
Using temperature	-25°C~+60°C
Indicating deviation(H=35μT , T=20±3°C)	≤ 0.5°
Half period(H=35μT , T=20±3°C)	≥ 8.62 S
Friction deviation(H=35μT , T=20±3°C)	≤ 0.09°
Main semicircle self heterodyne correcting energy	1°~45°
Secondary semicircle self heterodyne correcting energy	1°~6°(magnetic inclination Q=45°)
Quadrant self heterodyne correcting energy	0.5°~10°
Inclining self heterodyne correcting energy	- 75~ + 75μT
Lens barrel flexing range	±10mm
Dial image expanding rate	≈ 2times(original dial graduation)
Lighting power supply	AC 220V,DC 24V
Outline Dimension	20X430X1300mm(Excluding the length of lens barrel)
Diameter of mounting holes	Pitchrow 420 ApertureΦ16
weight	70kg

Product link : <https://www.jiayoungmarine.com/?p=1510>