MARINE COMPASS

CGT-165 Projection Magnetic Compass

ISO9001 Supplier

Class Certificate

Export Supply

CGT-165ProjectionMagnetic Compassis 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 14108-93 (G...



Key Highlights

Category	Marine Compass
Standard	ISO
Material	1.It is the standardmagnetic compassas well as concurrently acting as st...
Weight / Size	Dial diameter 165mm Dial graduation 0°~360°1°for each grid Using tempera...
Certificate	CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Marine Compass	**Model / SKU**	CGT-165-Projection-Magnetic-Compass
Standard	ISO	**Material**	1.It is the standardmagnetic compassas 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 .
Weight / Size	Dial diameter 165mm Dial graduation 0°~360°1°for each grid Using temperature -25℃~+70℃ Indicating deviation(H=35μT,T=20±3℃) ≤0.5° Half period(H=35μT,T=20±3℃) ≥8.62S Friction deviation(H=35μT,T=20±3℃) 0.09° Main semicircle self heterodyne correcting energy 1°~45° Secondary semicircle self heterodyne correcting energy 1°~6°(Magnetic inclination Q=15°) Quodrant self heterodyne correcting energy 0.5°~10° Inclining self heterodyne correcting energy -75~+75μT Lens barrel flexing range ±50mm Dial image expanding rate ≈2 times(original dial graduation) Lighting power supply AC220V,DC24V Outline Dimension 750x490x1350mm(Excluding the length of lens barrel) Diameter of mounting holes Pitchrow 420 ApertureΦ14 Weight 69kg.	**Certificate**	CCS
Warranty	12 Months unless specified otherwise	**Origin**	China

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China CGT-165 Projection Magnetic Compass:

CGT-165ProjectionMagnetic Compassis 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 14108-93 (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 standardmagnetic compassas 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.

3.Projection lamp adopts 8W LED light source , its life is over 10 times than traditional projection lamp . The scale of the compass under projection is clear and visible, brightness equality and softness.

Components:

Magnetic compass:1pc

Projection tube:1pc The length of projection tube are five kinds from400mmto900mmand could be made by special length following customer’s requirement.

Controlling box for light adjusting:1pc

Projection base(wooden anvil):1pc 410x410x100mm

Calibrating equipment(fitting case):1 set Main semicircle self heterodyne adjusting magnetic bar 12pcs

Quadrant self heterodyne adjusting pure iron sheet 11pcs

Inclining self heterodyne adjusting magnetic bar 3pcs

Secondary semicircle self heterodyne correcting flinder’s iron bar 8pcs

Spare parts:Projection lamp device 1pc ground glass and reflector:1pc for each.

Main technical parameters:

Dial diameter	165mm
Dial graduation	0°~360°1°for each grid
Using temperature	-25℃~+70℃
Indicating deviation(H=35μT,T=20±3℃)	≤0.5°
Half period(H=35μT,T=20±3℃)	≥8.62S
Friction deviation(H=35μT,T=20±3℃)	0.09°
Main semicircle self heterodyne correcting energy	1°~45°
Secondary semicircle self heterodyne correcting energy	1°~6°(Magnetic inclination Q=15°)
Quodrant self heterodyne correcting energy	0.5°~10°
Inclining self heterodyne correcting energy	-75~+75μT

Lens barrel flexing range	±50mm
Dial image expanding rate	≈2 times(original dial graduation)
Lighting power supply	AC220V,DC24V
Outline Dimension	750x490x1350mm(Excluding the length of lens barrel)
Diameter of mounting holes	Pitchrow 420 ApertureΦ14
Weight	69kg.






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