MARINE COMPASS

DH-V Type Electromagnet Control Gyrocompass

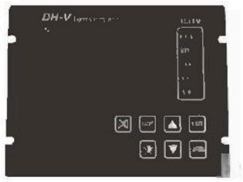
ISO9001 Supplier

Class Certificate

Export Supply

DH-V Type Electromagnet Control Gyrocompass adopt Two-freedom gyroscope and electromagnetic pendulum as sensitive element,it take adavantage of gyroscope features and rule of earth rotation, make the device find north au...





Key Highlights

Category	Marine Compass
Standard	ISO
Certificate	CCS Certificate

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

Technical Specifications

Category	Marine Compass	**Model / SKU**	DH-V-Type-Electromagnet-Control-Gyrocompass
Standard	ISO	**Certificate**	CCS Certificate
Warranty	12 Months unless specified otherwise	**Origin**	China

CONTENTS

- China DH-V Type Electromagnet Control Gyrocompass:
- Main property index:
- Main function:
- b. Working range:

China DH-V Type Electromagnet Control Gyrocompass:

DH-V Type Electromagnet Control Gyrocompass adopt Two-freedom gyroscope and electromagnetic pendulum as sensitive element,it take adavantage of gyroscope features and rule of earth rotation, make the device find north automatically and point the north stable.The device adopt digital control technology from the aspect of find north automatically, error compensation, easy to operate, stable and reliable.

Main function:

a.find north automatically: compass take advantage of gyroscope features, the rule of earth rotation, through the control system to make the gyro shaft possess find north fast and automatically.

b. latitude,speed error error compensation function. c.course value indication function.

d. port function:possess the port function can send course signal to load.

e.alarm function: possess gyroscope power fault,servo system fault,interior CAN network mailfunction,velocity anomaly of course angle,input speed/latitude information abnormal warning function.

Main property index:

The main property index of DH-V type electromagnet control gyrocompass is satisfy A.424(XI) IMO resoluation and ISO8728:1997.

a.Accuracy index

setting time:Horizontal static base 2h, moving base 2.5h.

Steady-point error: ±0.75°x secΦ

Course angle error:0.25°x secΦ

Steady-point Repeatability accuracy:0.25°x secΦ

Normal condition Repeatability steady-point accuracy :±0.1°x secΦ

Residual error of compass(After velocity correction): ±0.25°x secΦ

The error cause by speed quick change:±2°

When speed is 20KN,the error caused by course fast transformation 180°: ±3°

Swing error:±1°x secΦ

Repeating accuracy of repeater compass:±0.5°

b. Working range:

operating latitude:0-60° south north latitude.

operating sailing speed：0-40kn.

Suitable vessel power:AC220V±10%/47-63HZ

Emergency power supply DC24V(18V-31V)