

PRESSURE WATER TANK

YLG-0.30 Marine Hydrophore Tank

Applicable range: This pressure water tank is appropriate for the water supply system (fresh water, seawater) on board. Technical Requirements: 1. Flange Standard : CB/T46-1999 PN1.0; 2. The shell cove...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

|               |                                                                             |
|---------------|-----------------------------------------------------------------------------|
| Category      | Pressure Water Tank                                                         |
| Standard      | DIN                                                                         |
| Material      | Carbon Steel, SS304                                                         |
| Weight / Size | Mark Name Size Standard a relief outlet 3/4' b Water Inlet DN32 CB/T46-1... |
| Certificate   | CCS,GL,BV etc.                                                              |

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

Technical Specifications

|               |                                                                                                                                                                            |             |                                 |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------|
| Category      | Pressure Water Tank                                                                                                                                                        | Model / SKU | YLG-0-30-Marine-Hydrophore-Tank |
| Standard      | DIN                                                                                                                                                                        | Material    | Carbon Steel, SS304             |
| Weight / Size | Mark Name Size Standard a relief outlet 3/4' b Water Inlet DN32 CB/T46-1999 PN1.0 c Compressor Air Inlet 3/8' CB*53-80 d Water Outlet DN32 CB/T46-1999 PN1.0 Design Datas: | Certificate | CCS,GL,BV etc.                  |
| Warranty      | 12 Months unless specified otherwise                                                                                                                                       | Origin      | China                           |

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## Applicable range:

This pressure water tank is appropriate for the water supply system (fresh water, seawater) on board.

## Technical Requirements:

1. Flange Standard : CB/T46-1999 PN1.0;
2. The shell cover thickness including the forming thinning;
3. The system including security settings;

## Principle description:

The device uses the pressure water pumped by water pump in tank to compress air so as to keep the water in tank under a proper pressure for the use on board.

Liquid level meter: to show the water level condition in tank.

Pressure gauge: to show the pressure in tank.

Pressure controller: to control the start and stop of water pump. When the pressure in tank is under 0.4Mpa, the water pump will start to feed water into tank until the pressure reaches 0.6Mpa.

Safety valve: When the pressure in tank is more than 0.63Mpa, the safety valve will open to release the pressure in tank.

Charge valve: to charge the compressed air into tank.

Discharging valve: to empty the water in tank when maintaining.

## Outer Joint:

| Mark | Name                 | Size | Standard          |
|------|----------------------|------|-------------------|
| a    | relief outlet        | 3/4' |                   |
| b    | Water Inlet          | DN32 | CB/T46-1999 PN1.0 |
| c    | Compressor Air Inlet | 3/8' | CB*53-80          |
| d    | Water Outlet         | DN32 | CB/T46-1999 PN1.0 |

## Design Datas:

|                  |                   |
|------------------|-------------------|
| Working Pressure | 0.6Mpa            |
| Design Pressure  | 0.7Mpa            |
| Working Temp.    | 0~45°C            |
| Design Temp.     | 50°C              |
| Main Materials   | CCS-B/SS304/SS316 |

|                                |                                           |
|--------------------------------|-------------------------------------------|
| corrosion allowance            | 0.75mm                                    |
| welded joint coefficient       | 0.6                                       |
| Capacity                       | 0.3m³                                     |
| The relief valve pressure jump | 0.63MPa                                   |
| G.W.                           | 265 Kgs (with standard export wooden case |
| N.W.                           | 215 Kgs                                   |

