

MEDIUM PRESSURE AIR COOLED MARINE AIR COMPRESSOR

Medium Pressure 30 bar Marine Air Compressor CVF-53

Double cylinders. Medium pressure 3.0 MPa. Air cooled. Second stage compression. Piston type. Suitable for air bottle equal or smaller than 0.1 m3 to 1.8 m3. Feature High...

ISO9001 Supplier

Class Certificate

Export Supply



CVF-53 Direct-linked unit

Key Highlights

|               |                                                                             |
|---------------|-----------------------------------------------------------------------------|
| Category      | Medium Pressure Air Cooled Marine Air Compressor                            |
| Standard      | DIN                                                                         |
| Weight / Size | Specification Model Type Displacement capacity Rated pressure Rotate spe... |
| Certificate   | CCS certificate.                                                            |

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

Technical Specifications

|             |                                                  |               |                                                                                                                                                                  |
|-------------|--------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Category    | Medium Pressure Air Cooled Marine Air Compressor | Model / SKU   | Medium-Pressure-3-0MPa-Marine-Air-Compressor                                                                                                                     |
| Standard    | DIN                                              | Weight / Size | Specification Model Type Displacement capacity Rated pressure Rotate speed Motor power Driving method Overall size m3/h Mpa r/min KW mm CVF-53 Double cylinders. |
| Certificate | CCS certificate.                                 | Warranty      | 12 Months unless specified otherwise                                                                                                                             |
| Origin      | China                                            |               |                                                                                                                                                                  |

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- China Medium Pressure 30 bar Marine Air Compressor CVF-53:
  - Automatic control
- Feature
  - Specification

## China Medium Pressure 30 bar Marine Air Compressor CVF-53:

Double cylinders.

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Air cooled.

Second stage compression.

Piston type.

Suitable for air bottle equal or smaller than 0.1 m<sup>3</sup> to 1.8 m<sup>3</sup>.



## Feature

High Efficiency,energy saving,low noise.



## Automatic control

1.The machine set contain automatic control device, and establish to deal with contact, can show the movement signal, Show the motor Super burden signal.

2.Start/stop pressure controller: according to the pressure setting, the unit will stop at high pressure of 2.7~2.9 MPa and start at low pressure of 2.0 ~ 2.2 MPa.

- 3.Unload the way to divide into automatically or manually.
- 4.Air suction filter, Class I and II safety valves, Class A and B pressure gauges, intermediate cooler , common base, three phase asynchronous motor, solenoid valve, control box , and pressure controller.
- 5.Note: the control box and pressure controller are not mounted on the unit but at suitable positions on the ship cabin (as the control pressure air source for the pressure controller must be connected from the air bottle, it should be as near to the air bottle as possible).

Specification

| Mod<br>el  | Type                                                                              | Displacement<br>capacity | Rated<br>pressure | Rotate<br>speed | Motor<br>power | Driving method                          | Overall size                                                        |
|------------|-----------------------------------------------------------------------------------|--------------------------|-------------------|-----------------|----------------|-----------------------------------------|---------------------------------------------------------------------|
|            |                                                                                   | m3/h                     | Mpa               | r/min           | KW             |                                         | mm                                                                  |
| CVF-<br>53 | Double cylinders.<br>Air cooling.<br>Second stage<br>compression.<br>Piston type. | 60                       | 3                 | 1200            | 15             | Belt type or Direct<br>connection type. | Belt<br>type:1400x700x920<br>Direct connection<br>type:1300x900x900 |
|            |                                                                                   | 74                       |                   | 1500            | 18.5           |                                         |                                                                     |
|            |                                                                                   | 88                       |                   | 1800            | 18.5           |                                         |                                                                     |