

# Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

## HIGH PRESSURE WATER COOLED MARINE AIR COMPRESSOR

# Three-stage Compression Water-cooled Medium Pressure Marine Air Compressor

ISO9001 Supplier

Class Certificate

Export Supply

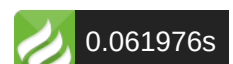
Compressor type 1-0.27/150 CZ-0.42/150 Type Vertical, water-cooled, three-stage compression Number of cylinders 3 ...



### Key Highlights

|                      |   |
|----------------------|---|
| <b>Category</b>      | High Pressure Water Cooled Marine Air Compressor                            |
| <b>Standard</b>      | EN  |
| <b>Weight / Size</b> | Compressor type 1-0.27/150 CZ-0.42/150 Type Vertical, water-cooled, thre... |
| <b>Certificate</b>   | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS                                  |

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



| Technical Specifications |  |                      |   |
|--------------------------|--|----------------------|---|
| <b>Category</b>          | High Pressure Water Cooled Marine Air Compressor | <b>Model / SKU</b>   | Three-stage-Compression-Water-cooled-Medium-Pressure-Marine-Air-Compressor  |
| <b>Standard</b>          | EN   | <b>Weight / Size</b> | Compressor type 1-0.27/150 CZ-0.42/150 Type Vertical, water-cooled, three-stage compression Number of cylinders 3 Cylinder diameter Level 1(mm) 128 Level 2(mm) 110 Level 3(mm) 25 Piston stroke(mm) 40 Pressure Rating (MPa) 15/20 Rotation Rating (r/min) 1000 1500 Gas displacement(m3/min) 0.27(16.2m3/h) 0.42(25.2m3/h) Shaft power(kw) 7 9.5 Suction filtration Mesh type Lubricating System Splashing Crankcase capacity(L) 0.6 1.5 Quantity of Cooling Water (m3/h) 0.6 0.9 Rotation direction of crankshaft Counterclockwise (see) from the flywheel end Method of Driving Belt drive or direct drive Type of Unloader Manual operation Motor Type Y160M-6-H Y160M-4-H Rated power(kw) 7.5 11 Rated speed(r/min) 970 1460 Voltage/Frequency(V/HZ) 380/50 Shape size (mm) 780×650×1140 weight(kg) 390 |
| <b>Certificate</b>       | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS       | <b>Warranty</b>      | 12 Months unless specified otherwise  |
| <b>Origin</b>            | China  |                      |   |

## China Three-stage Compression Water-cooled Medium Pressure Marine Air Compressor:

|                     |   |             |
|---------------------|---|-------------|
| Compressor type     | 1-0.27/150                                      | CZ-0.42/150 |
| Type                | Vertical, water-cooled, three-stage compression |             |
| Number of cylinders | 3   |             |
| Cylinder diameter   | Level 1(mm)                                     | 128         |
|                     | Level 2(mm)                                     | 110         |
|                     | Level 3(mm)                                     | 25          |



|   |                         |  |                             |
|---|-------------------------|--|-----------------------------|
| Piston stroke(mm)                             |                         | 40   |                             |
| Pressure Rating (MPa)                         |                         | 15/20  |                             |
| Rotation Rating (r/min)                       |                         | 1000   | 1500                        |
| Gas displacement(m <sup>3</sup> /min)         |                         | 0.27(16.2m <sup>3</sup> /h)                  | 0.42(25.2m <sup>3</sup> /h) |
| Shaft power(kw)                               |                         | 7  | 9.5                         |
| Suction filtration                            |                         | Mesh type                                    |                             |
| Lubricating System                            |                         | Splashing                                    |                             |
| Crankcase capacity(L)                         |                         | 0.6  | 1.5                         |
| Quantity of Cooling Water (m <sup>3</sup> /h) |                         | 0.6  | 0.9                         |
| Rotation direction of crankshaft              |                         | Counterclockwise (see) from the flywheel end |                             |
| Method of Driving                             |                         | Belt drive or direct drive                   |                             |
| Type of Unloader                              |                         | Manual operation                             |                             |
| Motor   | Type                    | Y160M-6-H                                    | Y160M-4-H                   |
|   | Rated power(kw)         | 7.5  | 11                          |
|   | Rated speed(r/min)      | 970  | 1460                        |
|   | Voltage/Frequency(V/HZ) | 380/50                                       |                             |
| Shape size (mm)                               |                         | 780×650×1140                                 |                             |
| weight(kg)                                    |                         | 390  |                             |