



## Przedsiębiorstwo Produkcji Sprężarek Airpol Sp. z o.o.

ul. Nieszawska 15c, 61-021 Poznań, Polska

Dział Sprzedaży +48 61 650 45 67, [airpol@airpol.com.pl](mailto:airpol@airpol.com.pl)  
Dział Serwisu + 48 694 477 251, +48 61 650 45 75, [serwis@airpol.com.pl](mailto:serwis@airpol.com.pl)

[www.airpol.com.pl](http://www.airpol.com.pl)

### Compressor certificate

|                     |                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------|
| 1. Manufacturer:    | Przedsiębiorstwo Produkcji Sprężarek<br>Airpol Sp. z o.o.<br>ul. Nieszawska 15c, 61 – 021 Poznań,<br>Poland |
| 2. Compressor type: | Deno 7                                                                                                      |
| 3. Factory number:  | S04120225                                                                                                   |
| 4. Capacity:        | 57 m <sup>3</sup> /h                                                                                        |
| 5. Motor power:     | 7,5 kW                                                                                                      |
| 6. Overpressure:    | 10 bar                                                                                                      |
| 7. Weight :         | 280 kg                                                                                                      |
| 8. Year:            | 2025                                                                                                        |

Compressor is made according to the manufacturing and acceptance requirement and comply with the norms and directives specified in the attached declaration of conformity.

Stamp

Date

12.03.2025

PRZEDSIĘBIORSTWO  
PRODUKCJI SPRĘŻAREK  
"AIRPOL" Spółka z o.o.  
61-021 Poznań, ul. Nieszawska 15c  
tel. 61 650-45-67,  
NIP 782-00-06-843 Regon 630517391

Signature of the factory acceptance inspector

SZEF DZIAŁU  
ZAPEWNIENIA JAKOŚCI  
mgr inż. Robert Hoffa



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## DECLARATION OF CONFORMITY EC

Hereby declares with full responsibility, that the following products:

Compressor:

**Deno 7**

**S04120225**

to which this declaration applies, conform with:

- 2014/68/EU Pressure Equipment Directive
- 2006/42/EC Machinery Directive
- 2014/35/EU Low Voltage Directive
- 2014/30/EU Electromagnetic Compatibility Directive

It comply with the harmonized standards: EN ISO 12100:2012, EN 60204-1:2018-12  
EN IEC 61000-6-4:2019-12, EN-1012-1:2011, PN-N- 01307:1994

The compressor has been marked with the following marking:



President

(-) Marek Jajeśniak

Poznań, 2025-03-12

Customer: Deno Compressors B.V.  
Compressor: 7,5 kW air cooled  
Controller: S1-20  
Electric motor HOYER 7,5 kW  
Type of start Y/Δ

Drawing No:  
Serial No: S04120225

Tested by:  
Date: 12.03.2015

Electrical installation marked code IP54 according to standard PN-EN-60529.

Complies with safety regulations according to standards: PN-EN 60204-1:2010, PN-EN 60204-1:2010/AC:2011, PN-EN 60947-1:2010, PN-EN 60947-1:2010/A1:2011, PN-EN 1012-1:1999.

| No  | General check points                                                    | Result |    |      |
|-----|-------------------------------------------------------------------------|--------|----|------|
|     |                                                                         | Yes    | No | n.a. |
| 1.  | The control box working properly                                        | ✓      |    |      |
| 2.  | Built according to specification of customer                            | ✓      |    |      |
| 3.  | Built according to electrical drawing                                   | ✓      |    |      |
| 4.  | All components marked                                                   | ✓      |    |      |
| 5.  | All wires marked                                                        | ✓      |    |      |
| 6.  | Torques and fittings correct                                            | ✓      |    |      |
| 7.  | Controller working properly                                             | ✓      |    |      |
| 8.  | Parameters of controller set correctly                                  | ✓      |    |      |
| 9.  | Parameters of softstart set correctly                                   |        |    | ✓    |
| 10. | Parameters of frequency controller set correctly                        |        |    | ✓    |
| 11. | Heater, fan, light of electric box are correct                          |        |    | ✓    |
| 12. | Name plate with number                                                  |        |    | ✓    |
| 13. | Drawing of electric diagram in the electrical box                       | ✓      |    |      |
| 14. | Technical documentation – manual, drawings                              | ✓      |    |      |
| 15. | Cable glands mounted and properly tightened                             | ✓      |    |      |
| 16. | Control box painted and cleaned                                         | ✓      |    |      |
| 17. | Control/display panel mounted correctly                                 | ✓      |    |      |
| 18. | Fuses are correct                                                       | ✓      |    |      |
| 19. | Control lamps are correct                                               |        |    | ✓    |
| 20. | Switches are correct                                                    | ✓      |    |      |
| No  | Check points according to the norms                                     | Result |    |      |
| 21. | Size of power and control cables correct                                | ✓      |    |      |
| 22. | Size of fuses and transformer correct                                   | ✓      |    |      |
| 23. | Protective grounding PE correct                                         | ✓      |    |      |
| 24. | Bare cables secured                                                     | ✓      |    |      |
| 25. | Main switch mounted correctly                                           |        |    | ✓    |
| 26. | Emergency STOP pushbutton correctly                                     | ✓      |    |      |
| 27. | Thermal overload of electric motors are correct                         | ✓      |    |      |
| 28. | Safety settings of controller/softstart/frequency converter are correct | ✓      |    |      |
| 29. | There are no loose cables                                               | ✓      |    |      |
| 30. | Other                                                                   |        |    |      |

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NIP 782-00-06-643 Regon 630517391

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ZAPEWNIENIA JAKOŚCI

mgr inż. Robert Hoffa

NIP 7820006643

REGON 630517391

Konto bankowe 25 1030 1247 0000 0000 8381 4004

Dane o rejestracji Sąd Rejonowy w Poznaniu VIII Wydział Gospodarczy Krajowego Rejestru Sądowego, KRS 67746

Kapitał zakładowy 2.370.000 PLN

| CHECK LIST FOR TESTING                                                                                                                 |                   |            |     |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|-----|
| <b>Order:</b>                                                                                                                          | <b>Date:</b>      | 12.03.2015 |     |
| Compressor: DENO 7                                                                                                                     | S04120225         |            |     |
| E-motor type: HMA2 132 S2-2                                                                                                            | DK1197360787      |            |     |
| Kw/rpm/voltage/Amp @ 50Hz:                                                                                                             | 7,5/2920/400/13,4 |            |     |
| Kw/rpm/voltage/Amp @ 60Hz:                                                                                                             |                   |            |     |
| Air end type:DSU 50                                                                                                                    | 8150              |            |     |
| Year of make:                                                                                                                          | 2025              |            |     |
| Max.rpm                                                                                                                                | 3525              |            |     |
| Cooler type:                                                                                                                           | R14366            |            |     |
| Cooler factory number:                                                                                                                 | S0412             |            |     |
| Cooler test date:                                                                                                                      | 24 bar/water      |            |     |
| V-belt type and quantity:                                                                                                              | XPZ 1362          |            |     |
| <b>Checks carried out:</b>                                                                                                             |                   |            |     |
| Checking of the fittings and electrical connections                                                                                    | ok.               |            |     |
| Control of the all thermal settings                                                                                                    |                   | 10         | A   |
| Control of value of the fuses in the line: F1/F2/F3                                                                                    |                   | 2/2/2      | A   |
| Check the value of the transformer protection fuses F4/F5/F6/F7                                                                        |                   | 2/2/2/2    | A   |
| Check the oil level and recheck after testing                                                                                          | ok.               |            |     |
| Check the sense of rotation of the compressor and fan                                                                                  | ok.               |            |     |
| Control of the setting of the minimum pressure valve (5 bar)                                                                           |                   | 5,0        | bar |
| Connection to the air receiver                                                                                                         | ok.               |            |     |
| Setting of the final pressure                                                                                                          |                   | 10         | bar |
| Setting of the differential pressure                                                                                                   |                   | 2          | bar |
| Running as start-stop for 10'                                                                                                          | ok.               |            |     |
| Running unload until the automatic stop. Repeat twice                                                                                  | ok.               |            |     |
| Turn the compressor off using the emergency stop direct after starting in order to check any oil leaking from the filter. Repeat twice | ok.               |            |     |
| Running for 2 hours at pressure lower than the maximum pressure and record of the maximum temperature                                  | ok.               | 85         | °C  |
| Running contact test: R6=10=NO                                                                                                         | ok.               |            |     |
| Common alarm test: R5=2=NC                                                                                                             | ok.               |            |     |
| High pressure alarm:                                                                                                                   |                   | 10,5       | bar |
| High pressure warning:                                                                                                                 |                   | 11,0       | bar |
| High temperature alarm:                                                                                                                |                   | 110        | °C  |
| High temperature warning:                                                                                                              |                   | 105        | °C  |
| Air end speed loading:                                                                                                                 |                   |            | rpm |
| Motor speed loading:                                                                                                                   |                   |            | rpm |
| Stop time:                                                                                                                             |                   | 5          | sec |
| Idle run time:                                                                                                                         |                   | 180        | sec |
| Oil pressure at 10,0 bar                                                                                                               |                   | 10,2       | bar |
| Safety valve type and setting:                                                                                                         |                   |            | bar |
| Check of the oil in line                                                                                                               | ok.               |            |     |
| Check the presence of any oil leaking                                                                                                  | ok.               |            |     |
| Check the alignment and tighten screws and flanges                                                                                     | ok.               |            |     |
| <b>Check the required parameters</b>                                                                                                   |                   |            |     |
| <b>TEST DATA:</b>                                                                                                                      |                   |            |     |
| air receiver: 500 liter                                                                                                                |                   |            |     |
| time: 248 sec; 2 - 10 bar                                                                                                              |                   |            |     |
| calc. cap.: 58,0 m3/hr ; 50 Hz/ 393 V                                                                                                  |                   |            |     |
| Measured Amp at max delivery pressure 10,0 bar:                                                                                        |                   | 14,1       | A   |
| Temperatura after load and idle run                                                                                                    |                   | 71         | °C  |
| Pully dia motor/compressors side                                                                                                       |                   | 140/132    | mm  |

Performed by:

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|                                                                                                  |                                   |                     |
|--------------------------------------------------------------------------------------------------|-----------------------------------|---------------------|
| Przedsiębiorstwo Produkcji<br>Sprężarek Airpol Sp. z o.o.<br>Ul. Nieszawska 15c<br>61-021 Poznań | Test report<br>No: DZJ/12/03/2025 | Date:<br>12.03.2025 |
| Quality Department                                                                               |                                   |                     |

## Pressure test

The subject of the research:

Cooler type : **R 14366**

Factory numbers: **S0412**

Maximum working pressure: **16 bar**

Test pressure: **24 bar**

Medium: **water**

Test manometer: No AP 306 (Ø160, range 0 – 25 bar).

**Positive test.**

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