



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
Dział Serwisu + 48 694 477 251, +48 61 650 45 75, serwis@airpol.com.pl

www.airpol.com.pl

Compressor certificate

1. Manufacturer:	Przedsiębiorstwo Produkcji Sprężarek Airpol Sp. z o.o. ul. Nieszawska 15c, 61 – 021 Poznań, Poland
2. Compressor type:	Deno 7
3. Factory number:	S04180225
4. Capacity:	57 m ³ /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 14.03.2025

PRZEDSIĘBIORSTWO
PRODUKCJI SPRĘŻAREK
"AIRPOL" Spółka z o.o.
61-021 Poznań, ul. Nieszawska 15c
tel. 61 650-45-67,
NIP 782-00-06-643 Regon 630617391

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

S04180225

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, 2025-03-14

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: S04180225

Tested by:
Date: 14. 03. 2025

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 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

Order:				Date: 16.03.2025			
Compressor: DENO 7				S04180225			
E-motor type: HMA2 132 S2-2				DK1197360780			
Kw/rpm/voltage/Amp @ 50Hz:				7,5/2920/400/13,4			
Kw/rpm/voltage/Amp @ 60Hz:							
Air end type:DSU 50				8195			
Year of make:				2025			
Max.rpm				3525			
Cooler type:				R14366			
Cooler factory number:				S0418			
Cooler test date:				24 bar/water			
V-belt type and quantity:				XPZ 1362			
Checks caried out:							
Checking of the fittings and elektical 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 pressue 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 emercency 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.			
Check the required parameters							
TEST DATA:							
air receiver: 500 liter							
time: 301 sec; 1 - 10 bar							
calc. cap.: 53,8 m3/hr ; 50 Hz/ 393 V							
Measured Amp at max delivery pressure 10,0 bar:				14,6 A			
Temperatura after load and idle run				69,1 °C			
Pully dia motor/compressors side				140/132 mm			

Performed by:

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Przedsiębiorstwo Produkcji Sprężarek Airpol Sp. z o.o. Ul. Nieszawska 15c 61-021 Poznań	Test report No: DZJ/14/03/2025	Date: 14.03.2025
Quality Department		

Pressure test

The subject of the research:

Cooler type : **R 14366**

Factory numbers: **S0418**

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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