



COMPRESSORS
TWKL-250-10/3
Compressor 250 L

TWKL-250-10/3

INSTALLATION, OPERATION AND MAINTENANCE MANUAL



*Always read these operating instructions carefully.
Follow the instructions carefully.*

Table of contents

1. General information	1
2. Identification of the operating instructions	1
3. Technical data	1
4. Modification of the product.....	2
5. Safety-related information	2
5.1 <i>Safety instructions.....</i>	2
6. Technical specification.....	4
6.1 <i>Machine description</i>	4
7. Assembly and installation.....	5
7.1 <i>General information</i>	5
7.2 <i>Assembly instructions.....</i>	5
7.3 <i>Tempering</i>	6
7.4 <i>Switch off</i>	6
7.5 <i>Adjusting the pneumatic device</i>	6
8. Commissioning.....	7
8.1 <i>Safety precautions.....</i>	7
9. Troubleshooting.....	8
10. Maintenance.....	9
10.1 <i>Daily inspection and maintenance</i>	9
10.2 <i>Weekly inspection and maintenance.....</i>	9
10.3 <i>Monthly inspection and maintenance</i>	9
10.4 <i>Annual inspection and maintenance</i>	9
10.5 <i>Checking the oil level.....</i>	9
11. Appendix	10
11.1 <i>Circuit diagram.....</i>	10

TIPS & TRICKS

In the "Tips & Tricks" section we show you simple solutions to work even more efficiently with your TWIN BUSCH® products.

<https://www.twinbusch.co.uk/Tips-Tricks-74.html>

24/7 Service Center:

Our **24/7 Self-Service Center** is a mobile website for self-diagnosis of problems with your Twin Busch post lift, tyre changer or balancer. Here we offer you an extensive collection of videos covering a wide range of topics relevant to your Twin Busch product, from fine adjustment to maintenance and component replacement.

The **24/7 Self-Service Center** is a versatile tool that helps you learn how to maintain and repair your Twin Busch post lift, tyre changer or balancer yourself.

To open the page on your mobile device, please visit twinbusch.com/qr or scan the QR code opposite.

For Twin Busch post lifts delivered from mid-2020, you will also find the QR code on a sticker on the control box.

1. General information

The horizontal TWKL-250-10/3 air compressor is fully equipped with a non-return valve, pressure reducer, adjustable pressure switch with ON/OFF switch, incl. motor protection and start-up relief, safety valve, pressure gauge, ball valve and condensate drain, incl. test certificates for the air tank..

Special features of the product:

- 1A processing quality
- Production according to ISO 9001
- 3 cylinder unit
- 250 litre air cylinder

2. Identification of the operating instructions

Operating instructions for the TWKL-250-10/3

of	Twin Busch GmbH, Ampérestrasse 1, D-64625 Bensheim	Twin Busch UK Ltd. 9, Linnell Way Telford Way Industrial Estate NN16 8PS, Kettering (Northants)
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Status: -00, 26.05.2025

File: TWKL-250-10-3_Compressor_Manual_uk_00_20250526.pdf

3. Technical data

Length / width / height (mm)	1650 x 510 x 1150
Suction capacity	950 l/min
Rated power of the electric motor	5.5 kW / 400 V
Working pressure	10 bar
Effective delivery volume at 6 bar	780 l/min.
Weight approx.	195 kg
Working environment (interior)	Working temperature: +5°C to +40°C Rel. humidity: 85 %

4. Modification of the product

Improper use, modifications, conversions and attachments of the air compressor and all its components that have not been agreed with the manufacturer are not permitted. The manufacturer accepts no liability for improper installation, operation or overloading. The CE certification and the validity of the certificate also expire due to improper use.

If you require any changes, please contact your dealer or the expert staff at Twin Busch GmbH beforehand.

5. Safety-related information

Read the operating instructions carefully before commissioning the air compressor. Keep the instructions for future reference. Follow the instructions exactly to achieve the best performance from the machine and to avoid damage due to personal negligence.

Check all connections and components thoroughly for damage.

5.1 Safety instructions

We accept no liability for damage caused by improper installation and operation, overloading or unsuitable floor conditions.

- Read and understand all safety instructions before operating the appliance.
- Only trained personnel may operate the machine.
- Ensure that the machine only operates at nominal pressure and that the operator is informed of this fact.
- All air pressure devices connected to the machine must be calibrated for the nominal pressure at least equal to the nominal pressure of the machine.
- If several compressors are connected to the compressed air system at the same time, each machine must be equipped with a non-return valve to prevent the air from flowing back into the machine through the outlet valves.
- The compressed air must never be used for breathing.
- Operators must always wear suitable protective clothing when working with compressed air.
- All pressurised elements, including the compressed air hoses, must be checked regularly. They must not show any signs of damage and may only be used in accordance with the operating instructions or the intended purpose.
- If compressed air flows into enclosed spaces, the necessary cooling must be provided.
- Before carrying out any work, maintenance or repairs on the machine, the compressed air system must be completely drained. The machine must also be secured against any unintentional starting.
- Protect your body from any contact with the compressed air.
- The safety valve on the air storage tank must be checked regularly in accordance with the following instructions.
- The machine must not be used in an environment containing explosive gases or vapours.
- Increased caution is required when using compressed air for cleaning. Therefore, use safety goggles.
- Safety equipment, protective covers, heat and noise insulation must not be removed.
- Wear suitable work clothing.

5.2 Warnings

All warnings are there to ensure that the user uses the device in a safe and appropriate manner.

Please read the symbols carefully and memorise their meaning for future use.



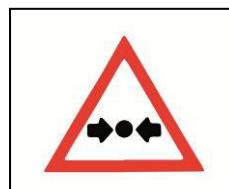
Read instructions and safety instructions carefully before use!



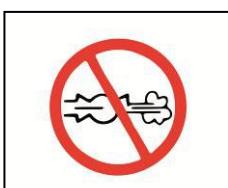
Caution: Hot surface!



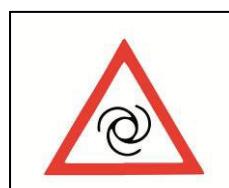
Do not step on control valves or other elements of the pressurisation system!



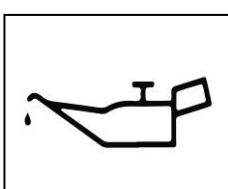
The machine is under pressure!



Do not open the outlet tap without the air hose attached!



Automatic operation!



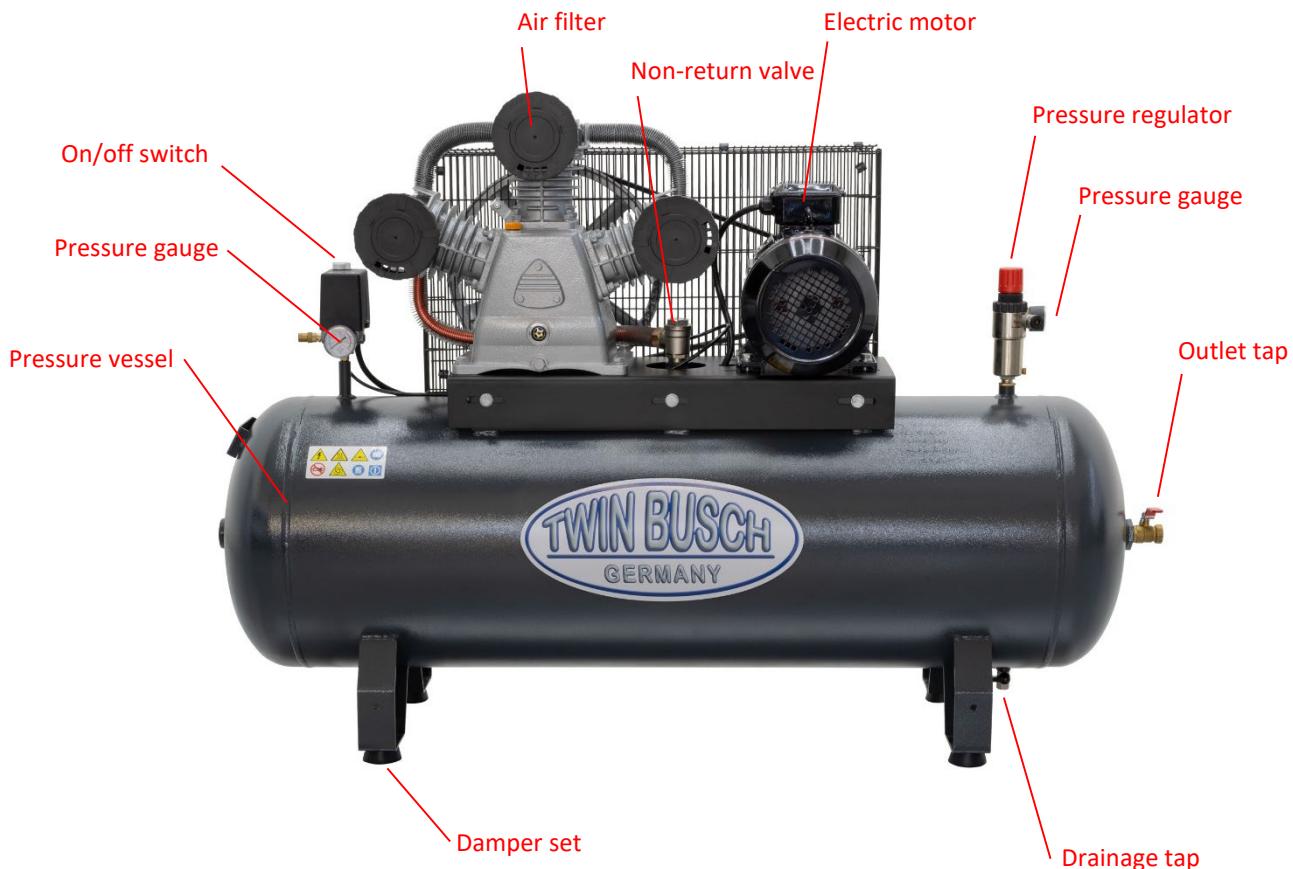
For topping up compressor oil.



Do not open the covers when the compressor is running!

6. Technical specification

6.1 Machine description



Description	Function
Compressor	The compressor is used to generate compressed air. Frictional surfaces of the compressor are lubricated with oil.
Electric motor	The electric motor drives the compressor.
Pressure vessel	The pressure vessel is used to hold the compressed air, to eliminate pressure fluctuations, to separate the condensate and as a support on which the compressor elements are mounted.
Protective housing	The protective housing protects against accidental contact with the moving parts of the system drive.
Pressure switch	The pressure switch switches the compressor on and off in automatic mode.
Pressure gauge	The pressure gauge is used to check the pressure in the pressurised container.
Safety valve	The safety valve is responsible for maintaining the maximum pressure in the tank and is set to the trigger pressure if the set pressure is exceeded by more than 10 %.
Non-return valve	The non-return valve ensures the air flow in the direction from the compressor to the tank.
Drainage tap	The condensate drain is used to remove condensate and oil from the tank.
Pressure regulator	The pressure regulator is used to reduce the pressure in the connected pneumatic devices and is an additional device.

7. Assembly and installation

7.1 General information

- The compressor must be installed in such a way that the minimum distance to the ceiling and the nearest wall is at least 40 cm.
- Only use suitable lifting and transport equipment for transport. Ensure that the outlet tap is not damaged during transport.
- A sufficient air supply must be provided for cooling and suction to the compressor. The air must not contain any flammable or explosive substances.
- The operating elements, maintenance points, fittings and pipe connections of the pressure vessel must be accessible.
- First aid cabinets and portable fire extinguishers must be installed near the machine so that they are ready to hand in emergency situations, such as in the event of injury or fire.
- When the compressor is running, it must not be transported or moved.

Note: Check the machine before switching it on each time, including all its safety equipment and protective covers. Any defects found on the machine must be rectified before switching it on again!

7.2 Assembly instructions

- 1) Fit the corresponding dampers to the supports of the pressure tank.
- 2) Place the compressor on a flat horizontal surface. The installation of the compressor does not require any special foundations or anchoring. When setting up and aligning the compressor, ensure that the minimum clearances to walls and other installations are maintained to allow access for maintenance and repair work. Ensure free access to the switch, air supply and condensate drain.
- 3) Connect the compressor to the mains supply. When connecting to the mains, the pneumatic fitting and flexible compressed air lines with the corresponding requirements (required cross-section, pressure and temperature) must be used.
Permissible voltage fluctuation is +/- 10 % of the setpoint value, permissible frequency fluctuation of the current is +/- 1 % of the setpoint value. The voltage drop from the power source to the electric motor should not exceed 5 % of the setpoint.

Caution: The sequence of the phases is particularly important for the electrical connection because it determines the direction of rotation of the electric motor. This direction is indicated by the arrow on the cover of the electric motor fan. Turning the electric motor shaft in the opposite direction can cause the compressor to fail.

- 4) For checking the direction of rotation
 - a) Check that the switch on the pressure switch is in the "OFF" position.
 - b) Connect the supply cable to the electrical mains or insert the plug of the compressor supply cable into the electrical mains.
 - c) Ensure the power supply.
 - d) Switch the compressor on with the switch on the pressure switch and switch it off again immediately.

- e) If the fan belt pulley of the compressor rotates in the direction of the arrow, the direction of rotation is correct, otherwise it is necessary to swap two phases at the connection.

7.3 Tempering

Note: The compressor is switched on by the pressure switch.

Before the first start, as well as before each start of work, check:

- Check the connection cable and earthing for damage.
- Check the protective grille of the V-belt for damage.
- Fastening the compressor wheels and dampers.
- The pipe connections.
- The function of the safety valve.
- The oil level in the compressor housing.
- After starting, the compressor must operate for a few minutes without load (with the outlet tap open) for lubrication. Then close the tap and wait until the maximum pressure is reached.

7.4 Switch off

- Switch off the compressor using the pressure switch. To do this, you must switch the switch to "OFF". The electric motor will then stop and the pressure will be reduced from the air line and the compressor.
- Reduce the pressure in the pressurised container to atmospheric pressure.
- Then disconnect the plug from the power supply.

7.5 Adjusting the pneumatic device

- 1) Connect the pneumatic device to the pressure regulator.
- 2) Unlock the pressure regulator lever by pulling it upwards.
- 3) With the valve open, set the desired pressure by moving the lever in the "+" direction to increase the pressure or in the "-" direction to reduce the pressure. To lock the pressure value set on the pressure gauge by pressing the lever.
- 4) After checking the set pressure value on the pressure gauge, lock the lever by pressing it.

8. Commissioning

8.1 Safety precautions

- a) If the safety devices are defective or show abnormalities, the appliance must not be put into operation under any circumstances!
- b) Check that all connections are tight and functional.
- c) Check the belt tension.
- d) Check the correct direction of rotation.
- e) Check the function of the pressure switch. Check whether it switches off at the set pressure.
- f) Check the safety valve. Depending on the valve type, either by loosening and retightening the lock nut or by pulling the ring.
- g) When the mains voltage returns after a failure, the compressor switches on again automatically.

9. Troubleshooting

Please note: Do not hesitate to contact the expert staff at Twin Busch GmbH if you are unable to rectify a fault yourself. We will be happy to help you solve the problem. In this case, please document the fault and send us pictures and a precise description of the fault so that we can identify and rectify the cause as quickly as possible.

The following table lists possible errors, their cause and the associated troubleshooting for quicker identification and self-remedy.

PROBLEM	CAUSE	SOLUTION
Reduced performance of the compressor.	Contamination of the air filter.	Clean or replace the filter element.
	Leakage in the ventilation ducts.	Identify the leak, seal the connection and replace the ventilation duct.
	Slipping of the belt due to insufficient tension or dirt.	Tension the belt and clean it.
Air loss from the tank into the air line - a constant hissing when the compressor is switched off.	The ingress of air from the tank into the air line due to wear of the non-return valve or the ingress of foreign bodies into the valve.	Clean the valve.
The compressor switching off during work, the motor overheating.	Insufficient oil level in the compressor crankcase.	Check the quality and level of the oil and top up with new oil if necessary.
	Excessively long running time of the compressor (duty cycle at more than 60 %) at maximum pressure and consumption - motor protection tripped.	Reduce the load on the compressor and the air consumption. Restart the compressor.
Shutting down the compressor during work.	Faults in the circuit.	Check the circuit.
Vibration during work. Uneven running of the motor. The motor hums after stopping during restart, the compressor will not start.	Missing voltage on one phase of the circuit.	Check the circuit.
Lots of oil in the compressed air and in the tank.	The oil level in the crankcase is too high.	Reduce the oil level to the target level.

10. Maintenance

Regular, simple and cost-effective maintenance work ensures normal and safe operation of the appliance. How often you service your machine depends on the ambient conditions, the degree of soiling and, of course, the stress and load.

Switch off the compressor before carrying out any maintenance or repair work on the compressor. Secure it against unintentional starting (by disconnecting it from the power supply) and depressurise the compressor.

Caution: The pressure circuit of the compressor contains hot oil!

10.1 Daily inspection and maintenance

- Check the oil level. Change the oil after approx. 50 operating hours.
- Check the tightness of the air duct connections.
- Check that the condensate has been drained at the end of operation.
- Check (after the first 8 hours and after 50 hours) the tightening torque of the cylinder head bolts of the piston block.

10.2 Weekly inspection and maintenance

- Check the air filter. Clean the filter insert approx. every 50 hours. Damaged filter inserts must be replaced immediately!
- Check and retighten the screw connections if necessary.
- Check and retighten the belt pulley if necessary.

10.3 Monthly inspection and maintenance

- Check the V-belt tension.
- Regularly check the screw connections for tightness.

10.4 Annual inspection and maintenance

- Replace the air filter.
- Carry out an oil change.
- Clean the non-return valve by blowing or ventilating it.
- Check the valves.

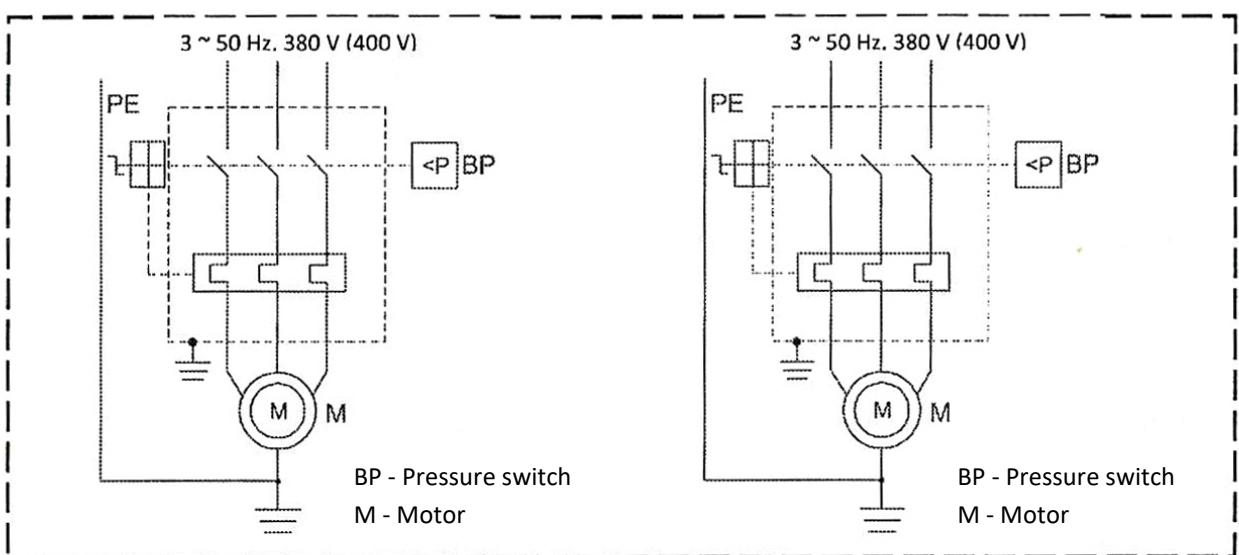
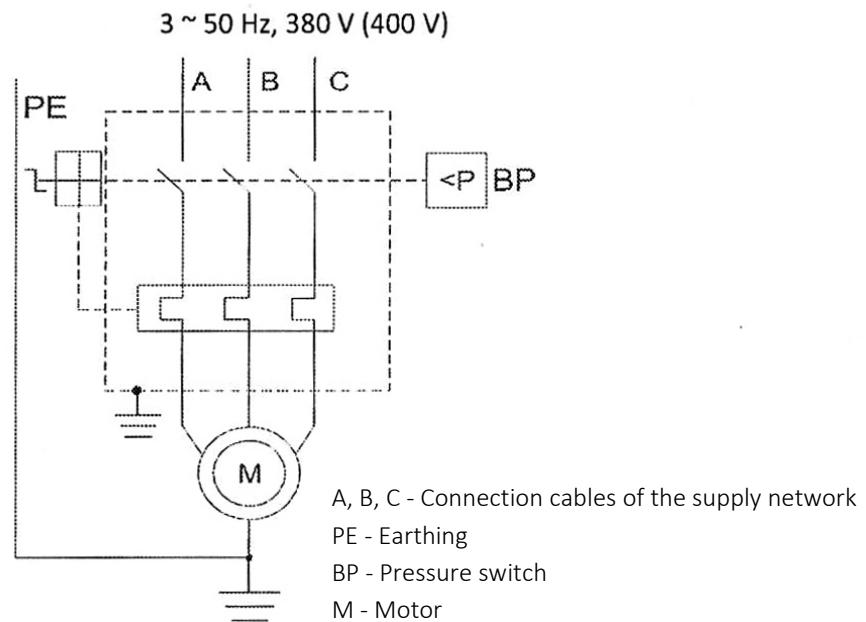
10.5 Checking the oil level

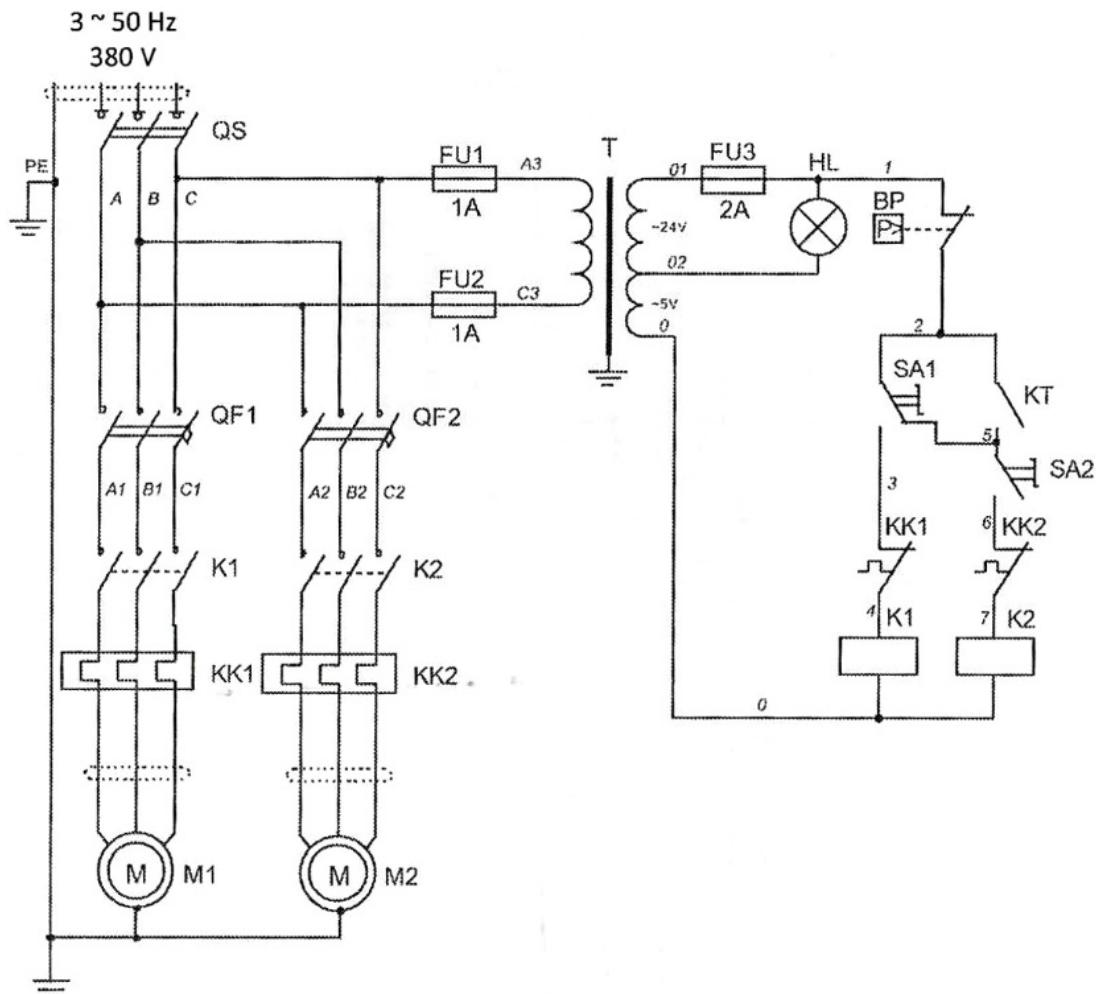
Please check the oil level daily before starting operation. The oil level in the piston carrier housing should be within the red mark on the sight glass. If necessary, top up the compressor oil to the required level. If the oil colour changes (whitening, appearance of water, darkening, severe overheating), it is recommended that the oil does not drain from the mountings and does not get onto the external surfaces of the compressor.

If you follow the above maintenance intervals and maintenance activities, your machine will remain in good condition and damage and accidents will continue to be avoided.

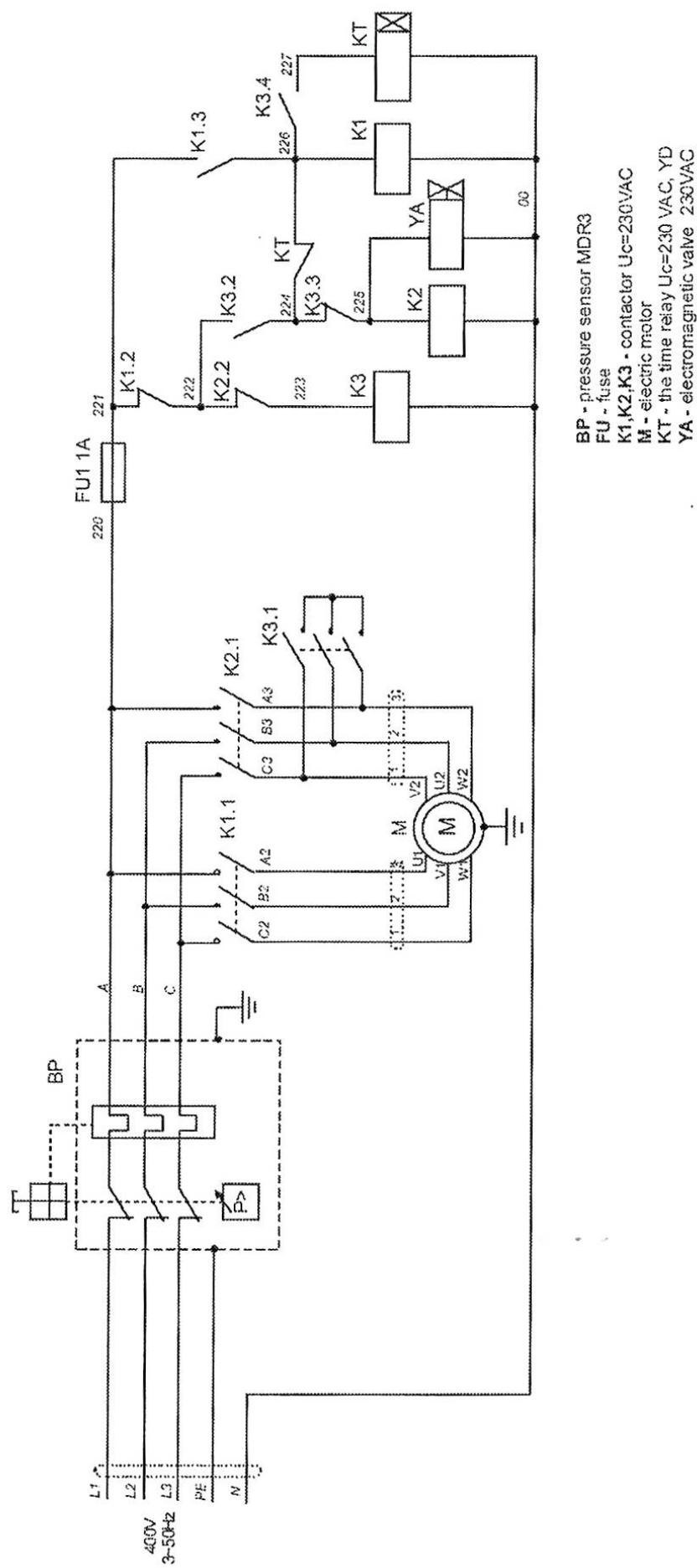
11. Appendix

11.1 Circuit diagram





M1, M2	Motor	4,0 kW	5,5 kW	7,5 kW
FU 1, FU2	Control line fuse 380 V, 1A	380 V, 1A		
FU3	Control line fuse 24 V, 2A	24 V, 2A		
HL	Alarm system 'Network'	green		
K1, K2	Magnetic starter	5,5 kW	5,5 kW	7,5 kW
KK1, KK"	Thermal relay	7,3 ... 11,0 A	11,0 ... 16,5 A	11,0 ... 16,5 A
KT	Time relay	mechanic		
BP	Pressure switch	11 bar, 400 V, 16A		
QF1, QF2	Self-switching device	16 ... 20 A	20 ... 25 A	25 ... 32 A
QS	Input switch	15 kW	15 kW	22 kW
SA1, SA2	Input switch	1 NC + 1 NO, 1 NO contact		
T	Control transformer	0,063 kWA, 380 V / 24-5 V		





Notes



Notes



Notes



Certificate No
10.07.12127

Date of Issue
25/01/2024

Valid From
25/01/2024

The Certificate is valid until
24/01/2034

CERTIFICATE OF CONFORMITY

SIMPLE PRESSURE VESSELS DIRECTIVE 2014/29/EU
ACCORDING TO MODULE B – PRODUCTION TYPE

Manufacturer	Name	Taizhou Hengke Machinery Equipment Co., Ltd.
	Address	Shanhoupan Village, Hengjie Town, Luqiao, Taizhou City, Zhejiang Province, China
Product	Air tank	
Technical Description	See Annex for details	
Design Temperature (°C)	0 to 100	
Design Pressure (bar)	9, 11, 13	
Applied Standard(s)	EN 286-1: 1998/A2:2005	

This is to certify that Eurocert S.A. has reviewed the technical documentation for the simple pressure vessel described in Annex I of this certificate and has supervised the testing and the inspections as per the requirements of the Simple Pressure Vessels Directive 2014/29/EU (Module B – Annex II). On this respect, the manufacturer, and after issuing the relevant EU Declaration of Conformity (as this described in Annex IV of 2014/29/EU), can affix the CE marking on the simple pressure vessel as described below:

CE 1128

Inspector



THE DATA OF THIS CERTIFICATE HAVE BEEN COLLECTED AS DILIGENTLY AS POSSIBLE & REPRESENTS THE FINDINGS DURING THE TIME AND PLACE OF THE INSPECTION. PARTIAL REPRODUCTION OF THIS IS PROHIBITED

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T +30 210 62.52.495, +30 210 62.53.927, F +30 210 62.03.018, M eurocert@otenet.gr




Product Certifications
Cert. No.: 21



ANNEX TO CERTIFICATE No.: 10.07.12127

TECHNICAL DESCRIPTION OF SIMPLE PRESSURE VESSELS

No.	Models	Volume (L)	Size (Dia x length)	PS/Bar	Design pressure /Bar	Category/class
1	HK9-10	9	160*350-380	10	11	Class 3
2	HK20-8	20	240*320-340	8	9	Class 3
3	HK20-10	20	240*320-340	10	11	Class 2
4	HK25-8	25	240*400-430	8	9	Class 2
5	HK50-8	50	280*510-550	8	9	Class 2
6	HK50-10	50	280*510-550	10	11	Class 2
7	HK50L-8	50	300*510-550	8	9	Class 2
8	HK90-10	90	300*1210-1250	10	11	Class 2
9	HK70-8	70	320*700-730	8	9	Class 2
10	HK100-8	100	320*800-850	8	9	Class 2
11	HK100L-8	100	350*800-850	8	9	Class 2
12	HK100L-10	100	350*800-850	10		Class 2
13	HK90V-10	90	400*340-370	10		Class 2
14	HK150-8	150	400*1030-1070	8		Class 2
15	HK150-10	150	400*1030-1070	10		Class 2
16	HK160-8	160	400*1030-1070	8		Class 2
17	HK160-10	160	400*1030-1070	10		Class 2
18	HK200-8	200	450*1040-1080	8	9	Class 2
19	HK200-10	200	450*1040-1080	10	11	Class 2
20	HK250-8	250	450*1180-1210	8	9	Class 2
21	HK250-10	250	450*1180-1210	10	11	Class 2
22	HK300-8	300	500*1200-1230	8	9	Class 2
23	HK300-10	300	500*1200-1230	10	11	Class 1
24	HK300-12	300	500*1200-1230	12	13	Class 1
25	HK400-8	400	550*1400-1450	8	9	Class 1



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Product Certifications
Cert. No.: 21



26	HK400-10	400	550*1400-1450	10	11	Class 1
27	HK400-12	400	550*1400-1450	12	13	Class 1
28	HK500-8	500	600*1350-1400	8	9	Class 1
29	HK500-10	500	600*1350-1400	10	11	Class 1
30	HK500-12	500	600*1350-1400	12	13	Class 1

REMARKS:

1. Prior to usage of the above equipment, an appropriate safety valve should be installed and adjusted according to the design pressure.
2. After the installation of the equipment, the correct functioning of the associated operating and automation instruments should be established.
3. Any modifications, made to the product, must be reported immediately to Eurocert SA, in order to examine whether the issued certificate remains valid.



Check the validity of the Certificate by scanning the QR code at right.
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Product Certifications
Cert. No.: 21



PRODUCT CERTIFICATION
BODY



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CERTIFICATE OF CONFORMITY

No. 3765-CI-32024

Technical File No. 3765-CI-32024/TZHK-2024-11-20

Applicant:

**TAIZHOU HENGKE MACHINERY
EQUIPMENT CO., LTD.**

Shanhoupan Village, Hengjie Town, Luqiao District,
Taizhou City, Zhejiang Province, China

Manufacturer:

**TAIZHOU HENGKE MACHINERY
EQUIPMENT CO., LTD.**

Shanhoupan Village, Hengjie Town, Luqiao District,
Taizhou City, Zhejiang Province, China

Description of product:

Product: **AIR COMPRESSOR**

Models: *See annex*

Reference standards: EN ISO 12100:2010, EN 60204-1:2018, EN 1012-1:2010, EN ISO 2151:2008

Based on our assessment we confirm that the product is in accordance with the technical requirements of the above standards and hence fulfils the technical requirements of the

Machinery Directive 2006/42/EC

The manufacturer shall affix the CE marking to each product that is in conformity with those described in this Certificate of conformity, after completion of the EU Declaration of Conformity and in accordance with the above directives.

The manufacturer must ensure the assessment of conformity with internal controls on the manufacture of the above product, in accordance with Annex VIII of 2006/42/EC Directive.

The assessment activity for the product described in this Certificate of Conformity was carried out in compliance with Scheme 1a, cf. EN ISO/IEC 17067:2013 with Assessment Report and doesn't belong in the scope of the notification under harmonised European Union product legislation.

This Certificate of Conformity was issued on voluntary basis of manufacturer and is only valid for the product and configuration described (annex), in conjunction with the detailed test data and with all applicable legal requirement for the product.

Annex: Product identification - 3 pages

Issuing Date: 02.12.2024

Expiry Date: 01.12.2029



EUROPEAN UNION

Satu Mare, Romania

GENERAL MANAGER

eng. Cristian SOPONOS

CEPROM-CERT Manager

eng. Vasile ZELE



E.S.

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ANNEX
to the Certificate of Conformity no. 3765-CI-32024

PRODUCT IDENTIFICATION

The Product: *AIR COMPRESSOR*

*models:

*HK30100V65, HK2070V51, HK3050V65, HK2550V65,
HK2570V65, HK3070V65, HK20100V65, HK25100V65,
HK30200V65, HK30300V65, HK3070W65, HK4070W65,
HK30100W65, HK30150W65, HK30160W65, HK30200W65,
HK40100W65, HK40200W65, HK50100V80, HK50150V80,
HK75100W80, HK75250W80, HK100160W90, HK75550W80,
HK2070H55, HK2050H65, HK2070H65, HK3070H65,
HK20100H65, HK20150H65, HK50250H1105*

*manufactured by:

TAIZHOU HENGKE MACHINERY EQUIPMENT CO., LTD.

*headquarters address:

Shanhoupan Village, Hengjie Town, Luqiao District, Taizhou City, Zhejiang Province, China

*place of manufacture:

Shanhoupan Village, Hengjie Town, Luqiao District, Taizhou City, Zhejiang Province, China

*domain of use:

The equipment is used to supply compressed air for general industrial applications.

***Technical File content:**

- *General description of the machinery;*
- *Specification with the constructive and functional characteristics;*
- *General drawing and drawings of the control circuits;*
- *The list of standards used;*
- *Assessment Report;*
- *Test Report;*
- *EC declaration of conformity of the components incorporated into the machinery;*
- *Instruction manual;*
- *EC Declaration of conformity*

CEPROM-CERT Manager
eng. Vasile ZELE



page 1/3

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ANNEX
to the Certificate of Conformity no. 3765-CI-32024

PRODUCT IDENTIFICATION

The Product:

AIR COMPRESSOR

*constructive and functional characteristics:

Model	M.U.	HK2070V51	HK3050V65	HK2550V65	HK2570V65
<i>Votage</i>	<i>V</i>		220-415		
<i>Frequency</i>	<i>Hz</i>		50		
<i>Input Power</i>	<i>HP/kW</i>	2/1.5	3/2.2	2.5/1.8	2.5/1.8
<i>Rotating Speed</i>	<i>r/min</i>	1050			
<i>Norminal flow</i>	<i>l/min</i>	170	1050	1050	1050
<i>Working Pressure</i>	<i>bar</i>		8-10		
<i>Air tank capacity</i>	<i>l</i>	70	50	50	70

Model	M.U.	HK3070V65	HK20100V65	HK25100V65	HK30100V65
<i>Votage</i>	<i>V</i>		220-415		
<i>Frequency</i>	<i>Hz</i>		50		
<i>Input Power</i>	<i>HP/kW</i>	3/2.2	2/1.5	2.5/1.8	3/2.2
<i>Rotating Speed</i>	<i>r/min</i>	1050			
<i>Norminal flow</i>	<i>l/min</i>	250	1050	1050	1050
<i>Working Pressure</i>	<i>bar</i>		8-10		
<i>Air tank capacity</i>	<i>l</i>	70	100	100	100

Model	M.U.	HK30200V65	HK30300V65	HK3070W65	HK4070W65
<i>Votage</i>	<i>V</i>		220-415		
<i>Frequency</i>	<i>Hz</i>		50		
<i>Input Power</i>	<i>HP/kW</i>	3/2.2	3/2.2	3/2.2	4/3.0
<i>Rotating Speed</i>	<i>r/min</i>	1050			
<i>Norminal flow</i>	<i>l/min</i>	250	1050	1050	1050
<i>Working Pressure</i>	<i>bar</i>		8-10		
<i>Air tank capacity</i>	<i>l</i>	200	300	70	70

Model	M.U.	HK30100W65	HK30150W65	HK30160W65	HK30200W65
<i>Votage</i>	<i>V</i>		220-415		
<i>Frequency</i>	<i>Hz</i>		50		
<i>Input Power</i>	<i>HP/kW</i>	3/2.2	3/2.2	3/2.2	3/2.2
<i>Rotating Speed</i>	<i>r/min</i>	1050			
<i>Norminal flow</i>	<i>l/min</i>	360	1050	1050	1050
<i>Working Pressure</i>	<i>bar</i>		8-10		
<i>Air tank capacity</i>	<i>l</i>	100	150	160	200

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page 2/3

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ANNEX
to the Certificate of Conformity no. 3765-CI-32024

PRODUCT IDENTIFICATION

The Product:

AIR COMPRESSOR

*constructive and functional characteristics:

Model	M.U.	HK40100W65	HK40200W65	HK50100V80	HK50150V80
<i>Voltage</i>	<i>V</i>			220-415	
<i>Frequency</i>	<i>Hz</i>			50	
<i>Input Power</i>	<i>HP/kW</i>	4/3.0	4/3.0	5.0/4	5.0/4
<i>Rotating Speed</i>	<i>r/min</i>	1050	1050	860	860
<i>Norminal flow</i>	<i>l/min</i>	360	360	480	480
<i>Working Pressure</i>	<i>bar</i>			8-10	
<i>Air tank capacity</i>	<i>l</i>	100	200	100	150

Model	M.U.	HK75100W80	HK75250W80	HK100160W90	HK75500W80
<i>Voltage</i>	<i>V</i>			220-415	
<i>Frequency</i>	<i>Hz</i>			50	
<i>Input Power</i>	<i>HP/kW</i>	7.5/5.5	7.5/5.5	10/7.5	7.5/5.5
<i>Rotating Speed</i>	<i>r/min</i>	860	860	860	860
<i>Norminal flow</i>	<i>l/min</i>	670	670	900	670
<i>Working Pressure</i>	<i>bar</i>			8-10	
<i>Air tank capacity</i>	<i>l</i>	100	250	160	500

Model	M.U.	HK2070H55	HK2050H65	HK2070H65	HK3070H65
<i>Voltage</i>	<i>V</i>			220-415	
<i>Frequency</i>	<i>Hz</i>			50	
<i>Input Power</i>	<i>HP/kW</i>	2/1.5	2/1.5	2/1.5	3/2.2
<i>Rotating Speed</i>	<i>r/min</i>	1050	1050	1050	1050
<i>Norminal flow</i>	<i>l/min</i>	170	250	250	250
<i>Working Pressure</i>	<i>bar</i>			8-10	
<i>Air tank capacity</i>	<i>l</i>	70	50	70	70

Model	M.U.	HK20100H65	HK20150H65	HK50250H1105
<i>Voltage</i>	<i>V</i>		220-415	
<i>Frequency</i>	<i>Hz</i>		50	
<i>Input Power</i>	<i>HP/kW</i>	2/1.5	2/1.5	5.0/4
<i>Rotating Speed</i>	<i>r/min</i>	1050	1050	730
<i>Norminal flow</i>	<i>l/min</i>	250	250	600
<i>Working Pressure</i>	<i>bar</i>		8-10	
<i>Air tank capacity</i>	<i>l</i>	100	150	250

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page 3/3

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CERTIFICATE

valid until: 03.08.2030

ZERTIFIKAT

gültig bis: 03.08.2030

EU Type examination (module B) - production type - according to Directive 2014/68/EU

EU-Baumusterprüfung (Modul B) - Baumuster - nach Richtlinie 2014/68/EU

Certificate No.:

Z-IS-AN1-MAN-20-08-2708744-04115611

Zertifikat-Nr.:

Name and address of manufacturer:

Taizhou Weiyue Machinery Co., Ltd.

Name und Anschrift des Herstellers:

**No. 423, Jiexia Village, Sanjia Street, Jiaojiang District,
Taizhou City, 318014, Zhejiang Province,
P. R. China**

We herewith certify that the type mentioned below meets the requirements of the Directive 2014/68/EU.

Hiermit wird bescheinigt, dass das unten genannte Baumuster die Anforderungen der Richtlinie 2014/68/EU erfüllt.

CE 0036

Evaluation report No.:

P-PRC-20-07-5010210743-001

Prüfbericht Nr.:

Scope of examination:

Safety Valves for compressed air:

Geltungsbereich:

Type WYAX27-2T, -6T, -8T, -12T (2 bar -12 bar)

Manufacturing plant:

Taizhou Weiyue Machinery Co., Ltd.

Fertigungsstätte:

No. 423, Jiexia Village, Sanjia Street, Jiaojiang District,

Taizhou City, 318014, Zhejiang Province,

P. R. China

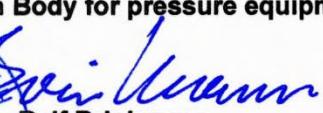
Mannheim, 04.08.2020

TÜV SÜD Industrie Service GmbH

(Place, date)

Certification Body for pressure equipment

(Ort, Datum)


Ralf Brinkmann

Verification of Certificate by TÜV SÜD App Verify
Echtheitsprüfung durch App TÜV SÜD Verify

+49 621 395-289

Ralf.Brinkmann@tuev-sued.de

Notified Body, No. 0036
Notifizierte Stelle, Kenn-Nr. 0036
TÜV SÜD Industrie Service GmbH
Westendstr. 199
80686 München
GERMANY

Dokument ID: 2708744Yb74ac





Notes on the certificate

The right to use the symbol depicted in the certificate only applies to the product named in the certificate.

All necessary operating and safety instructions according to Annex 1 No. 3.3. and 3.4. have to be supplied with each product. For transportation purposes, the certification body may allow the holder of the certificate to disassemble the products fitted out with the symbol in such a way as is usual for product assembly in an installation.

The holder of the certificate is obliged to monitor the fabrication of the products fitted out with the symbol in order to ensure that production is carried out in accordance with the examination specifications. The holder of the certificate is particularly obliged to carry out the monitoring examinations which are laid down in the examination specifications or required by the certification. If this certificate expires or is declared invalid it has to be returned to the Certification Body immediately.

A Certificate can be declared invalid or terminated by the certification body, if any flaws appear after the examination which were not detectable or not found during the examination, or if the symbol is used for the purpose of misleading or in any other way illicit advertising, or due to facts which were not clearly detectable at the time of certification, further use of the symbol is not justifiable.

The holder of the certificate is obliged to report any damage to or incurred by certified products to the certification body.

The holder of the certificate is only allowed to pass on examination reports and certificates by using the full text and by stating the date of issue. Publication of excerpts or duplication of the documents requires prior consent by the certification body.

With the certificate holder's consent, the certification body reserves the right to publish a list of certified products for the purpose of consumer information.

Hinweise zum Zertifikat

Das Recht zum Benutzen des im Zertifikat abgebildeten Zeichens erstreckt sich nur auf das angegebene Produkt.

Notwendige Bedienungs- und Sicherheitsinformationen nach Anhang 1 Nr. 3.3 und 3.4 müssen jedem Produkt beigelegt werden. Die Zertifizierungsstelle kann dem Inhaber des Zertifikates erlauben, die mit dem Zeichen versehenen Produkte für den Versand soweit zu zerlegen, wie es zum Einbau des Produktes in eine Anlage normalerweise geschieht.

Der Inhaber des Zertifikates ist verpflichtet, die Fertigung der mit dem Zeichen versehenen Produkte laufend auf Übereinstimmung mit den Prüfbestimmungen zu überwachen und insbesondere die in den Prüfbestimmungen festgelegten oder von der Zertifizierungsstelle geforderten Kontrollprüfungen ordnungsgemäß durchzuführen.

Falls dieses Zertifikat ungültig wird oder für ungültig erklärt wird, muss es unverzüglich der Zertifizierungsstelle zurückgegeben werden.

Ein Zertifikat kann von der Zertifizierungsstelle für ungültig erklärt oder gekündigt werden, wenn sich nachträglich an den Produkten bei der Prüfung nicht erkennbare oder nicht festgestellte Mängel herausstellen, wenn mit dem Zeichen irreführende oder anderweitig unzulässige Werbung betrieben wird, oder wenn aufgrund von Tatsachen, welche zum Zeitpunkt der Prüfung nicht einwandfrei zu erkennen waren, die weitere Verwendung des Zeichens im Hinblick auf seine Aussagekraft am Markt nicht vertretbar ist.

Der Inhaber des Zertifikates ist verpflichtet, Schäden mit geprüften Produkten der Zertifizierungsstelle mitzuteilen.

Der Inhaber des Zertifikates darf Prüfberichte und Zertifikate nur im vollen Wortlaut unter Angabe des Ausstellungsdatums weitergeben. Eine auszugsweise Veröffentlichung oder eine Vervielfältigung bedarf der vorherigen Genehmigung der Zertifizierungsstelle.

Die Zertifizierungsstelle behält sich mit Zustimmung des Zertifikatsinhabers die Veröffentlichung einer Liste der zertifizierten Produkte zur Verbraucherinformation vor.



You can find more products at:

twinbusch.co.uk

Twin Busch UK LTD
Kettering
Northants NN16 8PS

Tel.: +44 (0) 1536 522 960
E-Mail: info@twinbusch.co.uk
Web: www.twinbusch.co.uk

The technical specifications and illustrations provided in the user manual are not binding. Our products are subject to technical changes, so the delivered condition may vary.