



ERGÄNZENDE INFORMATION SUPPLEMENTARY INFORMATION

DE

EN

Original

PK D81 003

Drehschieberpumpe SmartVane 70 mit veränderter Drehzahl
Rotary vane pump SmartVane 70 with changed rotation speed

Dear Customer,

Thank you for choosing a Pfeiffer Vacuum product. Your new rotary vane pump is designed to support you by its performance, its perfect operation and without interfering your individual application. The name Pfeiffer Vacuum represents high-quality vacuum technology, a comprehensive and complete range of top-quality products and first-class service. With this expertise, we have acquired a multitude of skills contributing to an efficient and secure implementation of our product.

Knowing that our product must not interfere with your actual work, we are convinced that our product offers you the solution that supports you in the effective and trouble-free execution of your individual application.

Please read these operating instructions before putting your product into operation for the first time. If you have any questions or suggestions, please feel free to contact info@pfeiffer-vacuum.de.

Further operating instructions from Pfeiffer Vacuum can be found in the [Download Center](#) on our website.

Disclaimer of liability

These operating instructions describe all models and variants of your product. Note that your product may not be equipped with all features described in this document. Pfeiffer Vacuum constantly adapts its products to the latest state of the art without prior notice. Please take into account that online operating instructions can deviate from the printed operating instructions supplied with your product.

Furthermore, Pfeiffer Vacuum assumes no responsibility or liability for damage resulting from the use of the product that contradicts its proper use or is explicitly defined as foreseeable misuse.

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We reserve the right to make changes to the technical data and information in this document.

1 Zu dieser Anleitung

**WICHTIG**

Vor Gebrauch sorgfältig lesen.
Aufbewahren für späteres Nachschlagen.

1.1 Gültigkeit

Dieses Dokument ist gültig für Geräte mit folgenden Artikelnummern:

- SmartVane 70
 - Pfeiffer Vacuum Artikelnummer **PK D81 003**

Diese ergänzende Information beschreibt wichtige Abweichungen gegenüber dem Standardprodukt und hat nur Gültigkeit im Zusammenhang mit dessen geltenden Betriebsanleitungen.

1.2 Mitgeltende Dokumente

Dokument	Dokumentennummer
Betriebsanleitung SmartVane 55 70	PD0114

Sie finden dieses Dokument im [Pfeiffer Vacuum Download Center](#).

2 Technische Daten und Abmessungen

2.1 Technische Daten

Typbezeichnung	SmartVane 70
Bestellnummer	PK D81 003
Kontinuierlicher Einlassdruck, max.	5 hPa bei 1950 rpm
Drehzahl	800 – 1950 rpm

Tab. 1: Technische Daten | SmartVane 70

2.2 Abmessungen

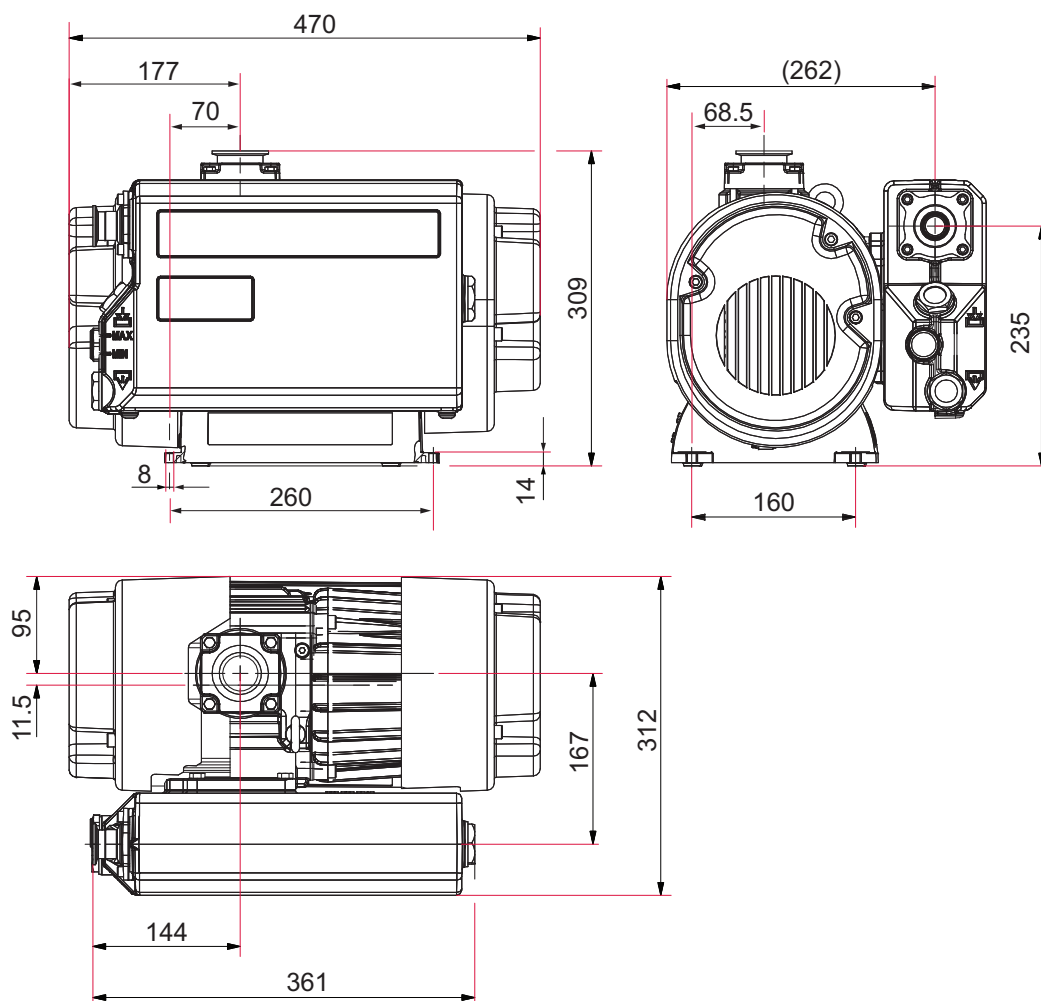


Abb. 1: Abmessungen SmartVane 70
Maße in mm

EG Konformitätserklärung

Erklärung für Produkt(e) vom Typ:

Drehschieberpumpe

SmartVane 55

SmartVane 70

Hiermit erklären wir, dass das aufgeführte Produkt allen einschlägigen Bestimmungen folgender **europäischer Richtlinien** entspricht.

Maschinen 2006/42/EG (Anhang II, Nr. 1 A)

Elektromagnetische Verträglichkeit 2014/30/EU

Beschränkung der Verwendung bestimmter gefährlicher Stoffe 2011/65/EU

Beschränkung der Verwendung bestimmter gefährlicher Stoffe, delegierte Richtlinie 2015/863/EU

Harmonisierte Normen und angewendete, nationale Normen und Spezifikationen:

DIN EN ISO 12100: 2011

EN 61000-3-2: 2019

EN ISO 13857: 2019

DIN EN 13849-1: 2016

DIN EN 1012-2 : 2011

DIN EN 61326-1: 2013

DIN EN ISO 2151 : 2009

DIN ISO 21360-1 : 2016

DIN EN 61010-1: 2020

ISO 21360-2 : 2012

DIN EN IEC 61000-6-2: 2019

DIN EN IEC 61000-6-4: 2020

Bevollmächtigter für die Zusammenstellung der technischen Unterlagen ist Herr Dr. Adrian Wirth, Pfeiffer Vacuum GmbH, Berliner Straße 43, 35614 Aßlar.

Unterschrift:



(Daniel Sälzer)
Geschäftsführer

Pfeiffer Vacuum GmbH
Berliner Straße 43
35614 Aßlar
Deutschland

Aßlar, 2021-08-05



UK Konformitätserklärung

Diese Konformitätserklärung wurde unter der alleinigen Verantwortung des Herstellers ausgestellt.

Erklärung für Produkt(e) vom Typ:

Drehschieberpumpe

SmartVane 55

SmartVane 70

Hiermit erklären wir, dass das aufgeführte Produkt allen einschlägigen Bestimmungen folgender **britischer Richtlinien** entspricht.

Lieferung von Maschinen (Sicherheit) Verordnung 2008

Elektrische Ausrüstung (Sicherheit) Vorschriften 2016

Elektromagnetische Verträglichkeit Vorschriften 2016

Beschränkung der Verwendung bestimmter gefährlicher Stoffe in elektrischer und elektronischer Ausrüstung Verordnung 2012

Harmonisierte Normen und angewendete, nationale Normen und Spezifikationen

ISO 12100: 2010

EN ISO 13849-1: 2016

ISO 13857: 2019

EN 61326-1: 2013

EN 1012-1: 2010

ISO 21360-1 : 2020

EN 1012-2+A1: 1996

EN ISO 2151: 2008

ISO 21360-1 : 2020

IEC 61010-1: 2010

IEC 61000-3-2: 2018

EN IEC 61000-6-2: 2019

EN IEC 61000-6-4: 2019

Autorisierter Repräsentant im Vereinigten Königreich und der bevollmächtigte Vertreter für die Zusammenstellung der technischen Unterlagen ist Pfeiffer Vacuum Ltd, 16 Plover Close, Interchange Park, MK169PS Newport Pagnell

Unterschrift:



(Daniel Sälzer)
Geschäftsführer

Pfeiffer Vacuum GmbH
Berliner Straße 43
35614 Aßlar
Deutschland

Aßlar, 2022-08-24

**UK
CA**

1 About this manual

**IMPORTANT**

Read carefully before use.

Keep the manual for future consultation.

1.1 Validity

This document is valid for devices with the following article numbers:

- SmartVane 70
 - Pfeiffer Vacuum Article Number **PK D81 003**

This supplementary information describes important deviations to the standard product and is only valid together with its prevailing operating instructions.

1.2 Applicable documents

Document	Document number
Operating instructions SmartVane 55 70	PD0114

You can find this document in the [Pfeiffer Vacuum Download Center](#).

2 Technical data and dimensions

2.1 Technical data

Type designation	SmartVane 70
Order Number	PK D81 003
Continuous inlet pressure, max.	5 hPa at 1950 rpm
Rotation speed	800 – 1950 rpm

Tbl. 1: Technical data | SmartVane 70

2.2 Dimensions

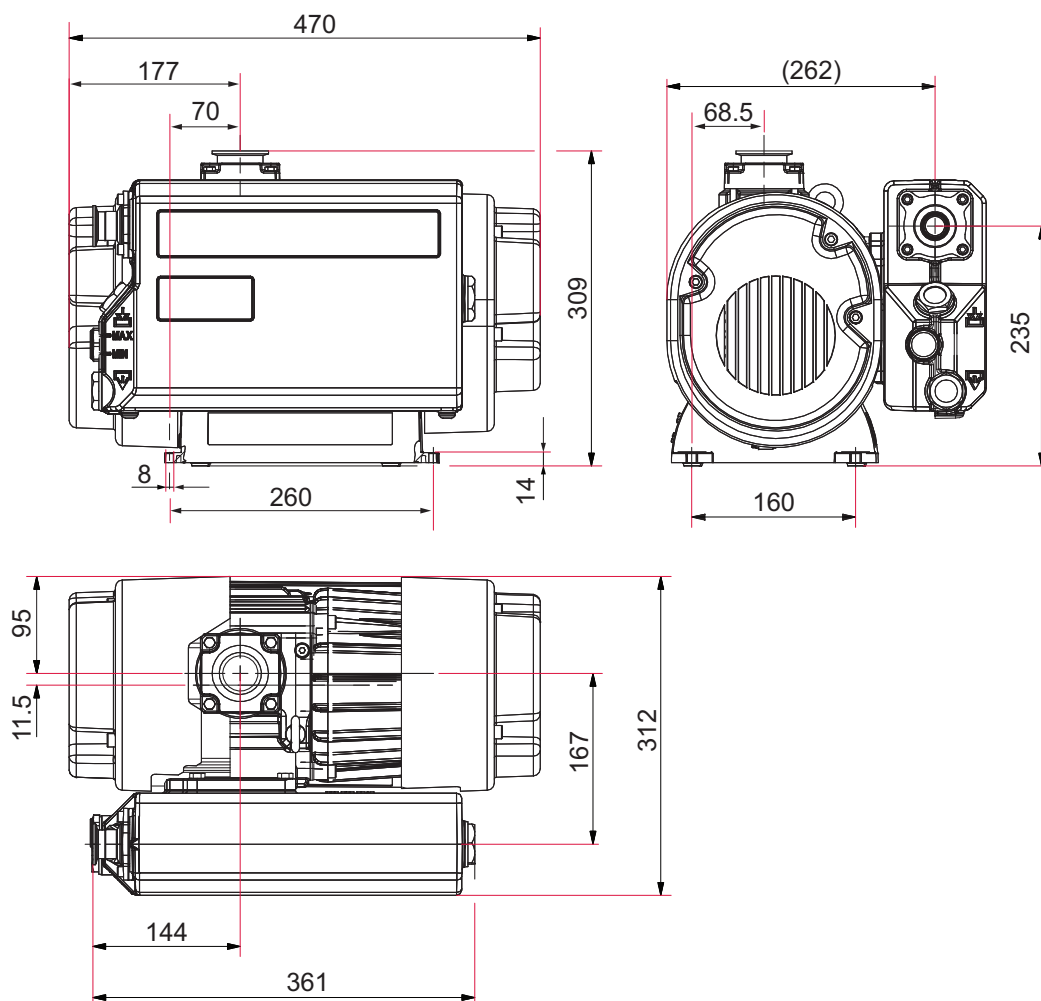


Fig. 1: Dimensions SmartVane 70
Dimensions in mm

EC Declaration of Conformity

Declaration for product(s) of the type:

Rotary vane pump

SmartVane 55

SmartVane 70

We hereby declare that the listed product satisfies all relevant provisions of the following **European Directives**.

Machinery 2006/42/EC (Annex II, no. 1 A)

Electromagnetic compatibility 2014/30/EU

Restriction of the use of certain hazardous substances 2011/65/EU

Restriction of the use of certain hazardous substances, delegated directive 2015/863/EU

Harmonized standards and applied national standards and specifications:

DIN EN ISO 12100: 2011

EN 61000-3-2: 2019

EN ISO 13857: 2019

DIN EN 13849-1: 2016

DIN EN 1012-2: 2011

DIN EN 61326-1: 2013

DIN EN ISO 2151: 2009

DIN ISO 21360-1: 2016

DIN EN 61010-1: 2020

ISO 21360-2: 2012

DIN EN IEC 61000-6-2: 2019

DIN EN IEC 61000-6-4: 2020

The authorized representative for the compilation of technical documents is Dr. Adrian Wirth, Pfeiffer Vacuum GmbH, Berliner Strasse 43, 35614 Asslar, Germany.

Signature:



(Daniel Sälzer)
Managing Director

Pfeiffer Vacuum GmbH
Berliner Straße 43
35614 Asslar
Germany

Asslar, 2021-08-05



UK Declaration of Conformity

This declaration of conformity has been issued under the sole responsibility of the manufacturer.

Declaration for product(s) of the type:

Rotary vane pump

SmartVane 55

SmartVane 70

We hereby declare that the listed product satisfies all relevant provisions of the following **British Directives**.

Supply of Machinery (Safety) Regulations 2008

Electrical Equipment (Safety) Regulations 2016

Electromagnetic Compatibility Regulations 2016

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Harmonized standards and applied national standards and specifications

ISO 12100: 2010

EN ISO 13849-1: 2016

ISO 13857: 2019

EN 61326-1: 2013

EN 1012-1: 2010

ISO 21360-1: 2020

EN 1012-2+A1: 1996

EN ISO 2151: 2008

ISO 21360-1: 2020

IEC 61010-1: 2010

IEC 61000-3-2: 2018

EN IEC 61000-6-2: 2019

EN IEC 61000-6-4: 2019

The manufacturer's authorized representative in the United Kingdom and the authorized agent for compiling the technical documentation is Pfeiffer Vacuum Ltd, 16 Plover Close, Interchange Park, MK169PS Newport Pagnell.

Signature:



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Managing Director

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Asslar, 2022-08-24

**UK
CA**



VACUUM SOLUTIONS FROM A SINGLE SOURCE

Pfeiffer Vacuum stands for innovative and custom vacuum solutions worldwide, technological perfection, competent advice and reliable service.

COMPLETE RANGE OF PRODUCTS

From a single component to complex systems:

We are the only supplier of vacuum technology that provides a complete product portfolio.

COMPETENCE IN THEORY AND PRACTICE

Benefit from our know-how and our portfolio of training opportunities!

We support you with your plant layout and provide first-class on-site service worldwide.

ed. A - Date 2505 - P/N:PD0132BN



Are you looking for a
perfect vacuum solution?
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