

DPK, DPK.V

Safety instructions and other important information



QR97515234

Installation and operating instructions
(all available languages)
<http://net.grundfos.com/qr/i/97515234>

DPK, DPK.V

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English (GB) Safety instructions

■ Original safety instructions

These safety instructions give a quick overview of the safety precautions to be taken in connection with any work on this product. Observe these safety instructions during handling, installation, operation, maintenance, service and repair of this product. These safety instructions are a supplementary document, and all safety instructions will appear again in the relevant sections of the installation and operating instructions. Keep these safety instructions at the installation site for future reference.

■ General information



Read this document before you install the product. Installation and operation must comply with local regulations and accepted codes of good practice.

Handling and lifting the product

WARNING Crushing hazard

Death or serious personal injury



- Do not work near or under suspended loads.
- The area below the lifted pump must be clear of people and marked off.

WARNING Crushing hazard

Death or serious personal injury



- All lifting equipment must be rated for the purpose and checked for damage before lifting the product. The lifting equipment rating must not be exceeded.

CAUTION Crushing hazard

Minor or moderate personal injury



- Make sure that the pump cannot swing during lifting.
- Place the pump on a solid foundation.
- Make sure that the pump cannot roll or fall over.

WARNING Crushing hazard

Minor or moderate personal injury



- Before lifting the package, check the centre of gravity marked on the box.
- Always check the lifting bracket and chain for corrosion or wear before lifting.
- Always lift the pump by its lifting bracket or by a forklift truck.
- Never lift the pump by the power cable, hose or pipe.
- Do not stack pump packages.

CAUTION Crushing hazard

Minor or moderate personal injury



- Make sure that the lifting bracket is tightened before lifting the pump.

Mechanical installation

DANGER Electric shock

Death or serious personal injury



- Before installation, switch off the power supply and lock the main switch in position 0.
- Before working on the pump, switch off any external voltage connection.

DANGER Electric shock

Death or serious personal injury



- Before installation and the first startup of the pump, check the power cable for visible defects and measure the cable resistance to avoid short circuits.

DANGER Electric shock

Death or serious personal injury



- Make sure that the earthing is connected first.

Installation requirements

CAUTION

Biological hazard

Minor or moderate personal injury



- Pits for sewage and wastewater may contain toxic or contagious substances. Always wear appropriate personal protective equipment and clothing before entering the pit.

DANGER

Electric shock

Death or serious personal injury



- Before installation, switch off the power supply and lock the mains switch in position 0.

DANGER

Electric shock

Death or serious personal injury



- It must be possible to lock the main switch in position 0. Type and requirements are specified in EN 60204-1.

WARNING

Hot surface

Minor or moderate personal injury



- Do not touch the pump or cables during operation as the surface temperature may exceed 70 °C.

CAUTION

Sharp element

Minor or moderate personal injury



- Wear protective gloves when working on the pump.

WARNING

Crushing hazard

Death or serious personal injury



- Make sure that the lifting bracket is tightened before lifting the pump.

Electrical connection

WARNING

Electric shock

Death or serious personal injury



- Before working on the pump, make sure that the main switch is switched off and locked in position 0. Make sure that the power supply cannot be switched on unintentionally.

WARNING

Electric shock

Death or serious personal injury



- During frequency converter operation, residual voltage may be present in the motor terminal. Wait for the residual voltage to discharge or add a maintenance switch suitable for isolation between frequency converter and motor.

WARNING

Electric shock

Death or serious personal injury



- Install a motor protector. Set it to the rated current +10 %.
- Make sure that all protective equipment is connected correctly.

WARNING

Electric shock

Death or serious personal injury



- Cable extension is not permitted. Contact Grundfos for the right cable length.

WARNING

Electric shock

Death or serious personal injury



- The motor-protective circuit breaker of the pump controller must include a circuit which automatically disconnects the power supply in case the protective circuit of the pump is opened.



Do not install Grundfos control boxes and pump controllers in potentially explosive environments.

GU01 and GU02

WARNING

Electric shock

Death or serious personal injury



- Both monitoring devices must be connected to the control panel through a relay.

Preparations before startup

WARNING

Electric shock

Death or serious personal injury



- Before working on the pump, make sure that the main switch is switched off and locked in position 0. Make sure that the power supply cannot be switched on unintentionally.

Startup



The pump must not run dry.

DANGER

Rotating elements

Death or serious personal injury



- Before manual startup or changeover to automatic control, make sure that no persons are working on or near the pump.

Operating modes

CAUTION

Hot surface

Minor or moderate personal injury



- The pump must be at least 2/3rd submerged into the pumped liquid at all times.

Checking the direction of rotation

DANGER

Crushing of hands

Death or serious personal injury



- Do not touch the pump when starting it up.

Maintenance schedule

DANGER

Electric shock

Death or serious personal injury



- Before working on the pump, make sure the main switch is switched off and locked in position 0. Make sure that the power supply is switched off and it cannot be switched on unintentionally.



Do not use a megger as it damages the control circuit of the seal sensor.

Oil check and change

CAUTION

Pressurised system

Minor or moderate personal injury



- The oil chamber may be under pressure. Loosen the screws carefully and do not remove them until the pressure is completely relieved.

Contaminated pumps

WARNING

Biological hazard

Death or serious personal injury



- Flush the pump thoroughly with clean water, and rinse the pump parts after dismantling.

Storing the product

WARNING

Crushing hazard

Death or serious personal injury



- Do not turn the impeller by hand. Always use an appropriate tool.

Fault finding

DANGER

Electric shock

Death or serious personal injury



- Before working on the product, make sure that the power supply is switched off and it cannot be switched on unintentionally.

Disposing of the product

This product or parts of it must be disposed of in an environmentally sound way.

1. Use the public or private waste collection service.
2. If this is not possible, contact the nearest Grundfos company or service workshop.



The crossed-out wheeled bin symbol on a product means that it must be disposed of separately from household waste. When a product marked with this symbol reaches its end of life, take it to a collection point designated by the local waste disposal authorities. The separate collection and recycling of such products will help protect the environment and human health.

See also end-of-life information at www.grundfos.com/product-recycling.


1. 中国 RoHS

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6+)	多溴联苯 (PBB)	多溴联苯醚 (PBDE)
泵壳	X	0	0	0	0	0
紧固件	X	0	0	0	0	0
管件	X	0	0	0	0	0
定子	X	0	0	0	0	0
转子	X	0	0	0	0	0

本表格依据 SJ/T 11364 的规定编制

O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 该规定的限量要求。

 该产品环保使用期限为 10 年，标识如左图所示。
此环保期限只适用于产品在安装与使用说明书中所规定的条件下工作

EU declaration of conformity

GB: EC/EU declaration of conformity

We, Grundfos, declare under our sole responsibility that the products DPK, DWK, to which the declaration below relates, are in conformity with the Council Directives listed below on the approximation of the laws of the EC/EU member states.

DE: EG-/EU-Konformitätserklärung

Wir, Grundfos, erklären in alleiniger Verantwortung, dass die Produkte DPK, DWK, auf die sich diese Erklärung bezieht, mit den folgenden Richtlinien des Rates zur Angleichung der Rechtsvorschriften der EG-/EU-Mitgliedsstaaten übereinstimmen.

ES: Declaración de conformidad de la CE/UE

Grundfos declara, bajo su exclusiva responsabilidad, que los productos DPK, DWK a los que hace referencia la siguiente declaración cumplen lo establecido por las siguientes Directivas del Consejo sobre la aproximación de las legislaciones de los Estados miembros de la CE/UE.

HR: EC/EU deklaracija sukladnosti

Mi, Grundfos, izjavljujemo s punom odgovornošću da su proizvodi DPK, DWK, na koja se izjava odnosi u nastavku, u skladu s dolje navedenim direktivama Vijeća o usklađivanju zakona država članica EC/EU-a.

IT: Dichiarazione di conformità CE/UE

Grundfos dichiara sotto la sua esclusiva responsabilità che i prodotti DPK, DWK, ai quale si riferisce questa dichiarazione, sono conformi alle seguenti direttive del Consiglio riguardanti il riavvicinamento delle legislazioni degli Stati membri CE/UE.

PL: Deklaracja zgodności WE/UE

My, Grundfos, oświadczamy z pełną odpowiedzialnością, że nasze produkty DPK, DWK, których deklaracja niniejsza dotyczy, są zgodne z następującymi dyrektywami Rady w sprawie zbliżenia przepisów prawnych państw członkowskich.

RO: Declarația de conformitate CE/UE

Noi Grundfos declarăm pe propria răspundere că produsele DPK, DWK, la care se referă această declarație, sunt în conformitate cu Directivele de Consiliu specificate mai jos privind armonizarea legilor statelor membre CE/UE.

CZ: Prohlášení o shodě EU

My firma Grundfos prohlašujeme na svou plnou odpovědnost, že výrobky DPK, DWK, na které se toto prohlášení vztahuje, jsou v souladu s níže uvedenými ustanoveními směrnice Rady pro sblížení právních předpisů členských států Evropského společenství.

DK: EF-/EU-overensstemmelseerklæring

Vi, Grundfos, erklærer under ansvar at produkterne DPK, DWK som erklæringen nedenfor omhandler, er i overensstemmelse med Rådets direktiver der er nævnt nedenfor, om indbyrdes tilnærmelse til EF-/EU-medlemsstaternes lovgivning.

FR: Déclaration de conformité CE/UE

Nous, Grundfos, déclarons sous notre seule responsabilité, que les produits DPK, DWK, auxquels se réfère cette déclaration, sont conformes aux Directives du Conseil concernant le rapprochement des législations des États membres CE/UE relatives aux normes énoncées ci-dessous.

HU: EC/EU megfeleléségi nyilatkozat

Mi, a Grundfos vállalat, teljes felelősséggel kijelentjük, hogy a(z) DPK, DWK termék, amelyekre az alábbi nyilatkozat vonatkozik, megfelelnek az Európai Unió tagállamainak jogi irányelveit összehangoló tanács alábbi előírásainak.

LT: EB/ES atitikties deklaracija

Mes, Grundfos, su visa atsakomybe pareiškiamo, kad produktai DPK, DWK, kuriems skirta ši deklaracija, atitinka žemiau nurodytas Tarybos Direktyvas dėl EB/ES šalių narių įstatymų suderinimo.

PT: Declaração de conformidade CE/UE

A Grundfos declara sob sua única responsabilidade que os produtos DPK, DWK, aos quais diz respeito a declaração abaixo, estão em conformidade com as Directivas do Conselho sobre a aproximação das legislações dos Estados Membros da CE/UE.

RS: Deklaracija o usklađenosti EC/EU

Mi, kompanija Grundfos, izjavljujemo pod punom vlastitom odgovornošću da je proizvod DPK, DWK, na koji se odnosi deklaracija ispod, u skladu sa dole prikazanim direktivama Saveta za usklađivanje zakona država članica EC/EU.

SI: Izjava o skladnosti ES/EU

V Grundfosu s polno odgovornostjo izjavljamo, da je izdelek DPK, DWK, na katerega se spodnja izjava nanaša, v skladu s spodnjimi direktivami Sveta o približevanju zakonodaje za izenačevanje pravnih predpisov držav članic ES/EU.

TR: EC/AB uygunluk bildirgesi

Grundfos olarak, aşağıdaki bildirim konusu olan DPK, DWK ürünlerinin, EC/AB Üye ülkelerinin direktiflerinin yakınlaştırılmasıyla ilgili durumun aşağıdaki Konsey Direktifleriyle uyumlu olduğunu ve bununla ilgili olarak tüm sorumluluğun bize ait olduğunu beyan ederiz.

KO: EC/EU 적합성 선언

Grundfos는 아래의 선언과 관련된 DPK, DWK 제품이 EU 회원국 법률에 기반하여 아래의 이사회 지침을 준수함을 단독 책임 하에 선언합니다.

SK: EC/EU vyhlásenie o zhode

My, spoločnosť Grundfos, vyhlasujeme na svoju plnú zodpovednosť, že produkty DPK, DWK na ktoré sa vyhlásenie uvedené nižšie vzťahuje, sú v súlade s ustanoveniami nižšie uvedených smerníc Rady pre zblíženie právnych predpisov členských štátov EC/EÚ.

CN: 欧盟符合性声明

我们，格兰富，在我们的全权责任下声明，产品 DPK, DWK 系列，其制造和性能完全符合以下所列欧盟委员会指令。

ID: Deklarasi kesesuaian Komunitas Eropa/Uni Eropa

Kami, Grundfos, menyatakan dengan tanggung jawab kami sendiri bahwa produk DPK, DWK, yang berkaitan dengan pernyataan ini, sesuai dengan Petunjuk Dewan berikut ini serta sedapat mungkin sesuai dengan hukum negara-negara anggota Komunitas Eropa/Uni Eropa.

(EC/EU) إقرار مطابقة الاتحاد الأوروبي :AR

نقر نحن، جروندفوس، بمقتضى مسؤوليتنا الفردية بأن المنتجين DPK، DWK، اللذين يختص بهما الإقرار أدناه، يكونان مطابقين لتوجيهات المجلس المذكورة أدناه بشأن التقريب بين قوانين الدول أعضاء الاتحاد الأوروبي (EC/EU).

- Machinery Directive (2006/42/EC)
Standards used: EN 809:1998+A1:2009
- RoHS Directives (2011/65/EU and 2015/863/EU)
Standard used: EN IEC 63000:2018

This EC/EU declaration of conformity is only valid when published as part of the Grundfos safety instructions for DPK (publication number 99347040) and for DWK (publication number 92658289).

Székesfehérvár, 22 March 2023



Zoltán Lajtos

MUNI Solutions Value Stream Director
Grundfos Holding A/S
Poul Due Jensens Vej 7
8850 Bjerringbro, Denmark

Person authorised to compile technical file and empowered to sign the EC/EU declaration of conformity.

UK declaration of conformity

UK declaration of conformity

We, Grundfos, declare under our sole responsibility that the products to which the declaration below relates, are in conformity with UK regulations, standards and specifications to which conformity is declared, as listed below:

Valid for products:

DPK, DWK

- Supply of Machinery (Safety) Regulations 2008
Standards used: EN 809:1998 + A1:2009
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations
Standards used: EN IEC 63000:2018

This UK declaration of conformity is only valid when accompanying Grundfos Safety Instruction for DPK (publication number 99347040) and for DWK (publication number 92658289).

Székesfehérvár, 22 March 2023



Zoltán Lajos

MUNI Solutions Value Stream Director

Grundfos Holding A/S

Poul Due Jensens Vej 7

8850 Bjerringbro, Denmark

Manufacturer and person empowered to sign the UK declaration of conformity.

10000327000

UA declaration of conformity



GB: Ukrainian declaration of conformity

We, Grundfos, declare under our sole responsibility that the products to which the declaration below relates, are in conformity with Ukrainian resolutions, standards and specifications to which conformity is declared, as listed below:

Valid for Grundfos products:

DPK, DWK

Resolution No. 62, 2013 - Technical Regulations on Safety of Machines

Resolution No. 533, 2018 - Amendments to some provisions

Standards used: ДСТУ EN 809:2015

Resolution No. 139, 2017 - Technical Regulations on Use of Certain Hazardous Substances in Electrical and Electronic Equipment

Standards used: ДСТУ EN IEC 63000:2020

Importer address:

LLC Grundfos Ukraine, Business Center Europe

103, Stolychne Shose, UA-03026 Kyiv, Ukraine

Phone: (+380) 44 237 0400

Email: ukraine@grundfos.com

This Ukrainian declaration of conformity is only valid when accompanying Grundfos instructions.



UA: Українська декларація відповідності

Ми, Grundfos, заявляємо про свою виключну відповідальність за те, що продукція, до якої відноситься ця декларація, відповідає вимогам українським постановам, стандартам та технічним умовам, щодо яких заявлена відповідність, як зазначено нижче:

Дійсно для продуктів Grundfos:

DPK, DWK

Постанова № 62 від 2013 р., Про затвердження Технічного регламенту безпеки машин

Постанова № 533 від 2018 р., Про внесення змін до деяких положень

Застосовані стандарти: ДСТУ EN 809:2015

Постанова № 139 від 2017 р., Технічний регламент обмеження використання деяких небезпечних речовин в електричному та електронному обладнанні

Застосовані стандарти: ДСТУ EN IEC 63000:2020

Адреса імпортера:

ТОВ "Грундфос Україна", Бізнес Центр "Європа"

Столичне шосе, 103, м. Київ, 03026, Україна

Телефон: (+380) 44 237 0400

Ел. пошта: ukraine@grundfos.com

Ця українська декларація відповідності дійсна лише за наявності інструкцій Grundfos.

Székesfehérvár, 22 March 2023



Zoltán Lajtos
MUNI Solutions Value Stream Director
Grundfos Holding A/S
Poul Due Jensens Vej 7
8850 Bjerringbro, Denmark

GB: Manufacturer and person empowered to sign the Ukrainian declaration of conformity
UA: Виробник та особа, уповноважена підписати українську декларацію відповідності
10000413775

Moroccan declaration of conformity



GB: Moroccan declaration of conformity

We, Grundfos, declare under our sole responsibility that the products to which the declaration below relates, are in conformity with Moroccan laws, orders, standards and specifications to which conformity is declared, as listed below:

Valid for Grundfos products:

DPK, DWK

Law No 24-09, 2011 Safety of products and services and the following orders:

Order No 2573-14, 2015 Safety Requirements for Low Voltage Electrical Equipment

Standards used: NM EN 809+A1:2015

This Moroccan declaration of conformity is only valid when accompanying Grundfos instructions.



FR: Déclaration de conformité marocaine

Nous, Grundfos, déclarons sous notre seule responsabilité que les produits auxquels se réfère cette déclaration, sont conformes aux lois, ordonnances, normes et spécifications marocaines pour lesquelles la conformité est déclarée, comme indiqué ci-dessous :

Valable pour les produits Grundfos :

DPK, DWK

Sécurité des produits et services, loi n° 24-09, 2011 et décrets suivants :

Exigences de sécurité pour les équipements électriques basse tension, ordonnance n° 2573-14, 2015

Normes utilisées : NM EN 809+A1:2015

Cette déclaration de conformité marocaine est uniquement valide lorsqu'elle accompagne la notice d'installation et de fonctionnement Grundfos.



AR: إقرار المطابقة المغربي

نحن، جرونڨفوس، نقر تحت مسؤوليتنا وحدنا بأن المنتجات التي تتعلق بها الإقرار أدناه، تتوافق مع القوانين والقرارات والمعايير والمواصفات المغربية التي تم إقرار المطابقة بشأنها، كما هو موضح أدناه:

سار على منتجات جرونڨفوس:

DPK, DWK

قانون رقم 09-24، 2011 بشأن سلامة المنتجات والخدمات والقرارات التالية:

القرار رقم 14-2573، 2015 متطلبات السلامة للمعدات الكهربائية ذات الجهد المنخفض

المعايير المستخدمة: NM EN 809+A1:2015

يكون إقرار المطابقة المغربي صالحاً فقط عند نشره كجزء من تعليمات جرونڨفوس.

Székesfehérvár, 22 March 2023

Zoltán Lajtos

MUNI Solutions Value Stream Director

Grundfos Holding A/S

Poul Due Jensens Vej 7

8850 Bjerringbro, Denmark

GB: Manufacturer and person empowered to sign the Moroccan declaration of conformity.

FR: Fabricant et personne habilitée à signer la Déclaration de conformité marocaine.

AR: الجهة المصنعة والشخص المفوض بتوقيع إقرار المطابقة المغربي.

10000266384

RUS

DWK, DPK**Руководство по эксплуатации**

Руководство по эксплуатации на данное изделие является составным и включает в себя несколько частей:

Часть 1: настоящее «Руководство по эксплуатации».

Часть 2: электронная часть «Паспорт. Руководство по монтажу и эксплуатации» размещенная на сайте компании Грундфос. Перейдите по ссылке, указанной в конце документа.

Часть 3: информация о сроке изготовления, размещенная на фирменной табличке изделия.

Сведения о сертификации:

Насосы типа DWK, DPK сертифицированы на соответствие требованиям Технических регламентов Таможенного союза: ТР ТС 004/2011 «О безопасности низковольтного оборудования»; ТР ТС 010/2011 «О безопасности машин и оборудования»; ТР ТС 020/2011 «Электромагнитная совместимость технических средств».

KAZ

DWK, DPK**Пайдалану бойынша нұсқаулық**

Атаулы өнімге арналған пайдалану бойынша нұсқаулық құрамалы болып келеді және келесі бөлімдерден тұрады:

1 бөлім: атаулы «Пайдалану бойынша нұсқаулық»

2 бөлім: Грундфос компаниясының сайтында орналасқан электронды бөлім «Төлқұжат, Құрастыру және пайдалану бойынша нұсқаулық». Құжат соңында көрсетілген сілтеме арқылы өтіңіз.

3 бөлім: өнімнің фирмалық тақтасында орналасқан шығарылған уақыты жөніндегі мәлімет

Сертификаттау туралы ақпарат:

DWK, DPK типті сорғылары «Төмен вольтты жабдықтардың қауіпсіздігі туралы» (ТР ТС 004/2011), «Машиналар және жабдықтар қауіпсіздігі туралы» (ТР ТС 010/2011) «Техникалық заттардың электрлі магниттік сәйкестілігі» (ТР ТС 020/2011) Кеден Одағының техникалық регламенттерінің талаптарына сәйкес сертифициатталды.

KG

DWK, DPK**Пайдалану боюнча колдонмо**

Аталган жабдууну пайдалану боюнча колдонмо курамдык жана өзүнө бир нече бөлүкчөнү камтыйт:

1-Бөлүк: «Пайдалануу боюнча колдонмо»

2-Бөлүк: «Паспорт. Пайдалануу жана монтаж боюнча колдонмо» электрондук бөлүгү Грундфос компаниянын сайтында жайгашкан. Документтин аягында көрсөтүлгөн шилтемеге кайрылыңыз.

3-Бөлүк: жабдуунун фирмалык тактасында жайгашкан даярдоо мөөнөтү тууралуу маалымат.

Шайкештик жөнүндө декларация

DWK, DPK түрүндөгү соргучтар Бажы Биримдиктин Техникалык регламенттин талаптарына ылайыктуу тастыкталган: ТР ТБ 004/2011 «Төмөн вольттук жабдуунун коопсуздугу жөнүндө»; ТР ТБ 010/2011 «Жабдуу жана машиналардын коопсуздугу жөнүндө»; ТР ТБ 020/2011 «Техникалык каражаттардын электромагниттик шайкештиги».

ARM

DWK, DPK

Շահագործման ձեռնարկ

Տվյալ սարքավորման շահագործման ձեռնարկը բաղկացած է մի քանի մասերից.

Մաս 1. սույն «Շահագործման ձեռնարկ»:

Մաս 2. էլեկտրոնային մաս. այն է՝ «Անձնագիր: Մոնտաժման և

շահագործման ձեռնարկ» տեղադրված «Գրունդֆոս». Անցեք փաստաթղթի վերջում նշված հղումով.

Մաս 3. տեղեկություն արտադրման ամսաթվի վերաբերյալ՝ նշված սարքավորման պիտակի վրա:

Տեղեկություններ հավաստագրման մասին՝

DWK, DPK տիպի պոմպերը սերտիֆիկացված են համաձայն Մաքսային Միության տեխնիկական կանոնակարգի պահանջների՝ TP TC 004/2011 «Ցածրավոլտ սարքավորումների վերաբերյալ», TP TC 010/2011 «Մեքենաների և սարքավորումների անվտանգության վերաբերյալ» ; TP TC 020/2011

«Տեխնիկական միջոցների էլեկտրամագնիսական համատեղելիության վերաբերյալ»:



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