

Wilo-Yonos MAXO/-D



- de Einbau- und Betriebsanleitung
- en Installation and operating instructions
- fr Notice de montage et de mise en service
- nl Inbouw- en bedieningsvoorschriften
- es Instrucciones de instalación y funcionamiento
- it Istruzioni di montaggio, uso e manutenzione
- pt Manual de Instalação e funcionamento
- tr Montaj ve kullanma kılavuzu
- el Οδηγίες εγκατάστασης και λειτουργίας
- sv Monterings- och skötselanvisning
- no Monterings- og driftsveiledning
- fi Asennus- ja käyttöohje
- da Monterings- og driftsvejledning

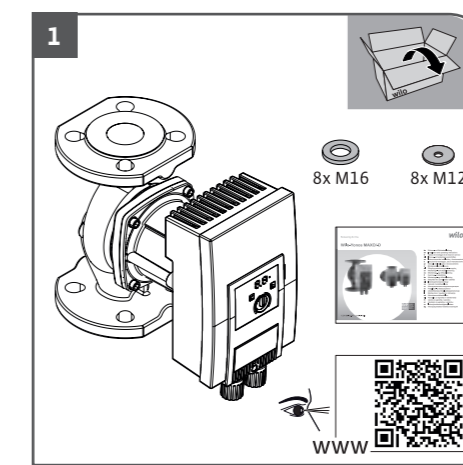


APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

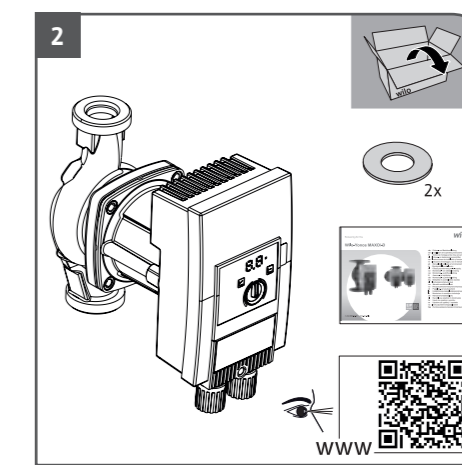


www.wilo.com/yonos-maxo/om

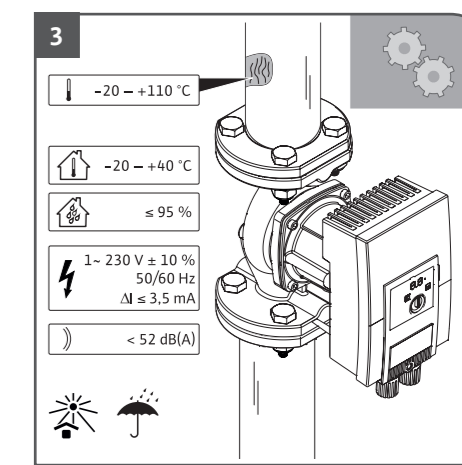
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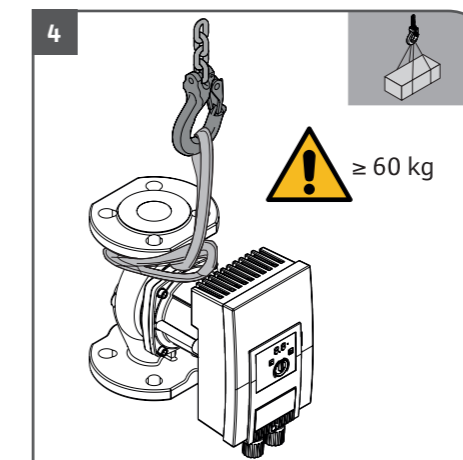
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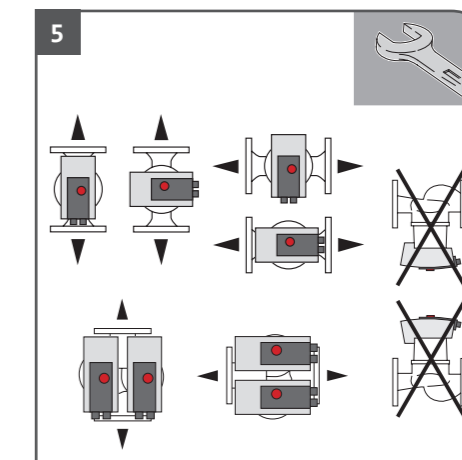
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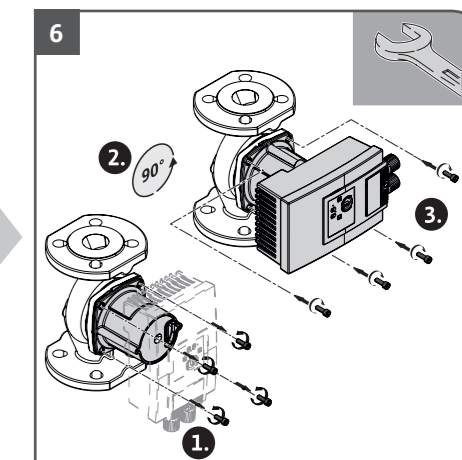
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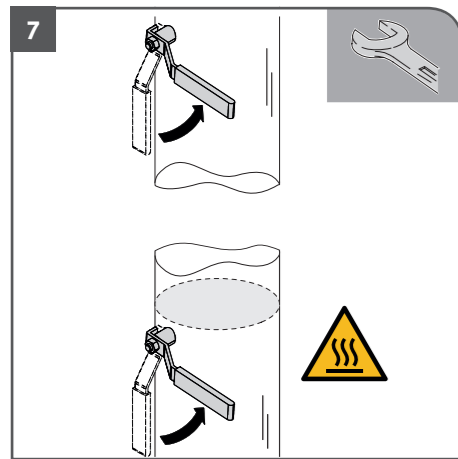


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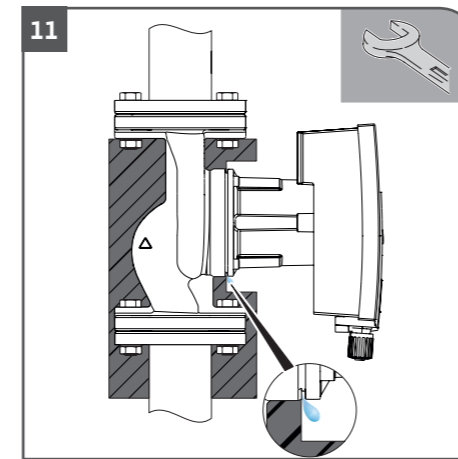
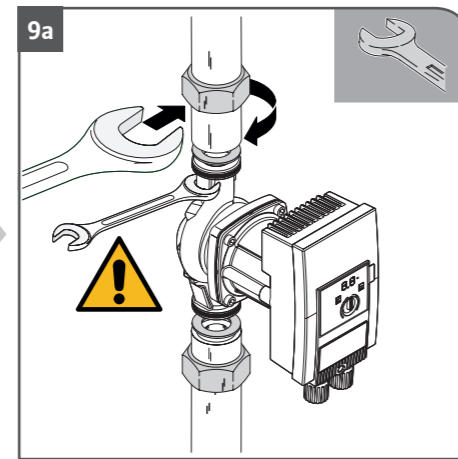
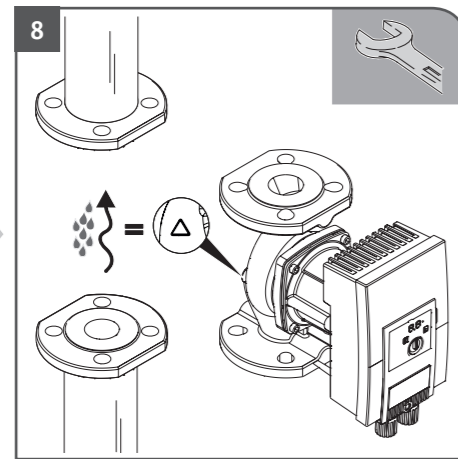


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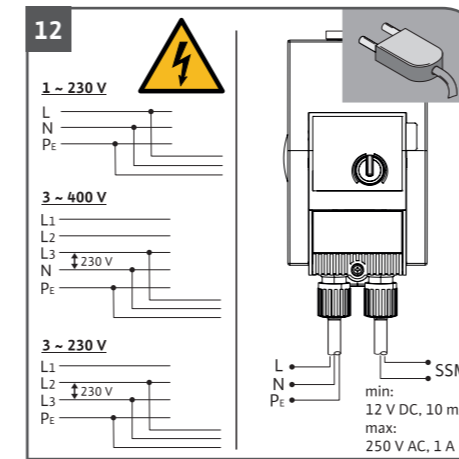




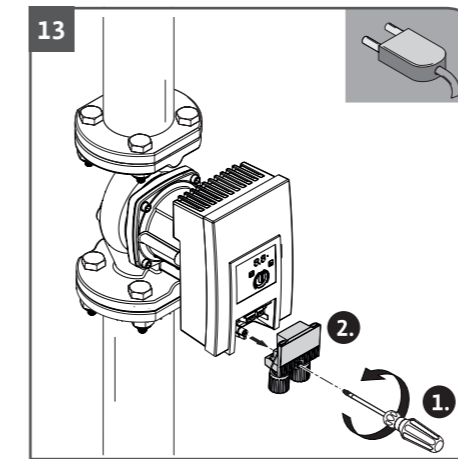
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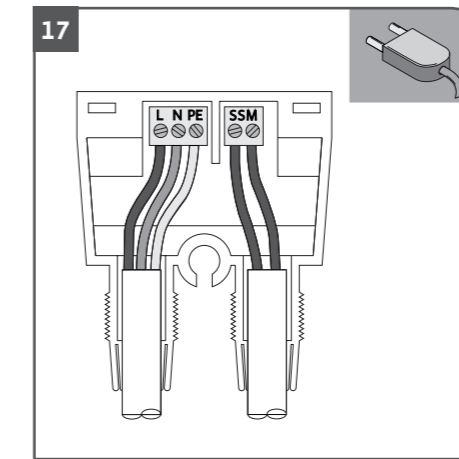
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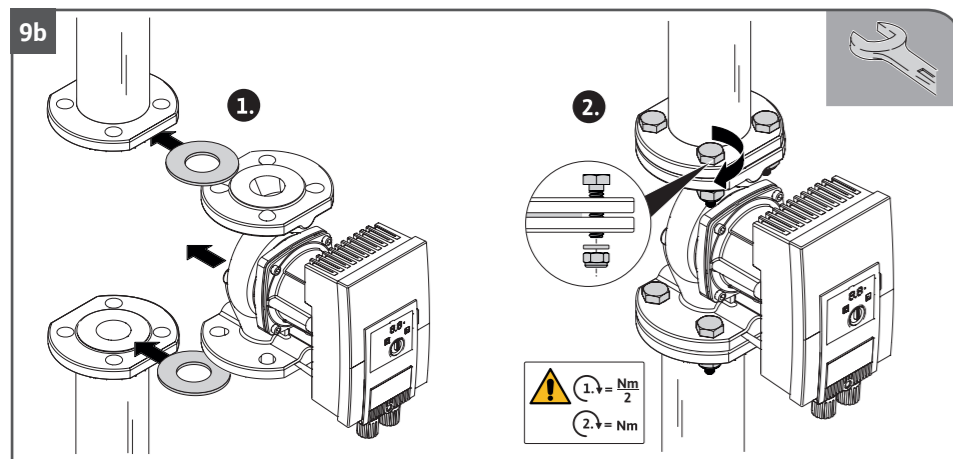
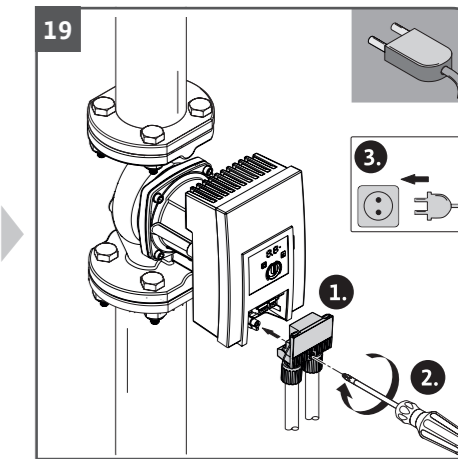
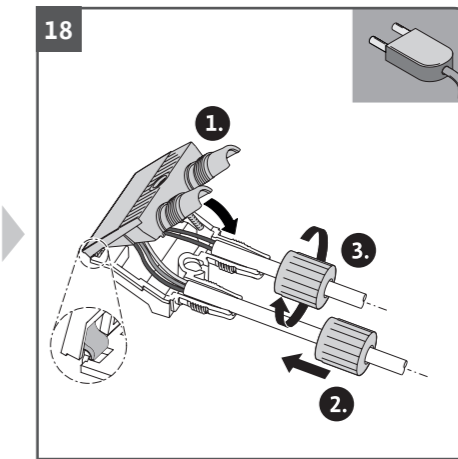
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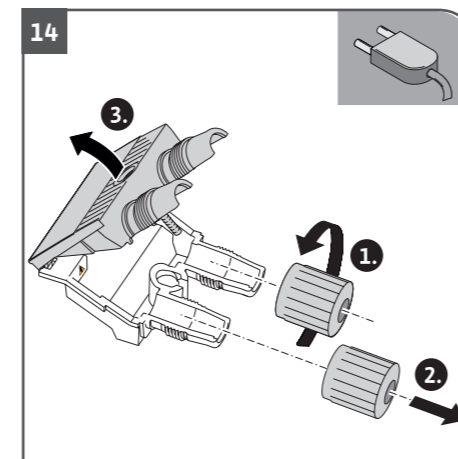
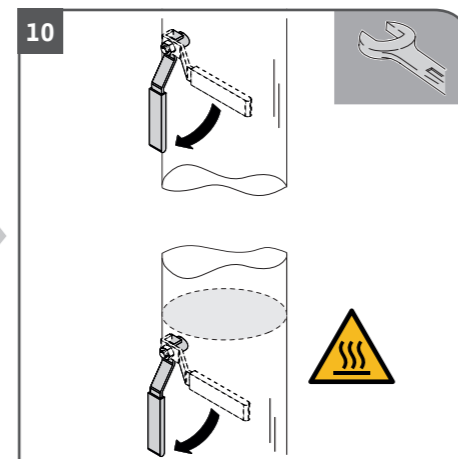
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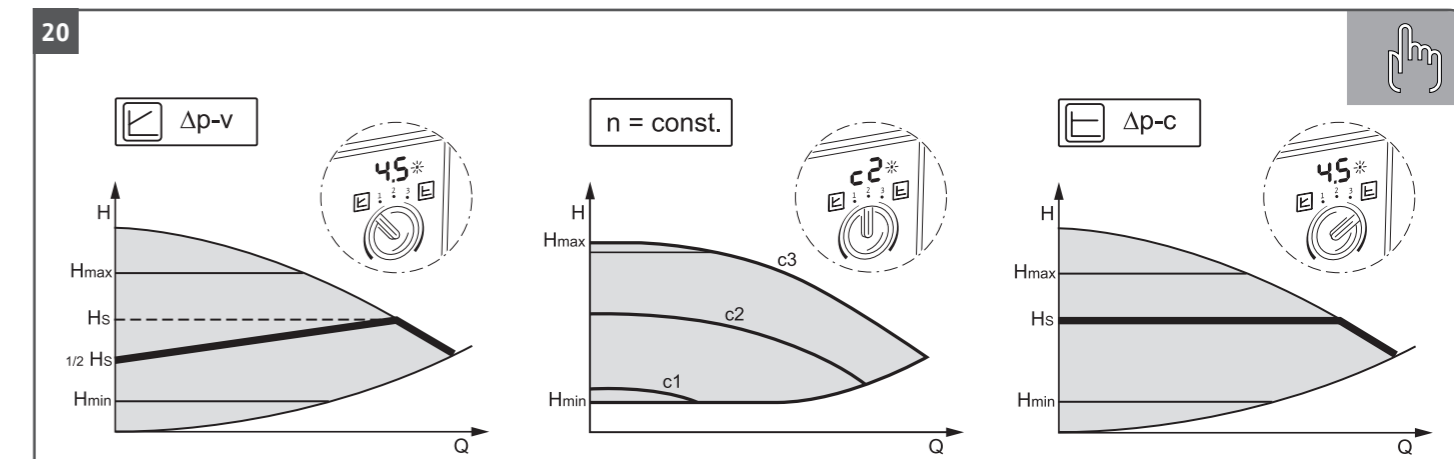
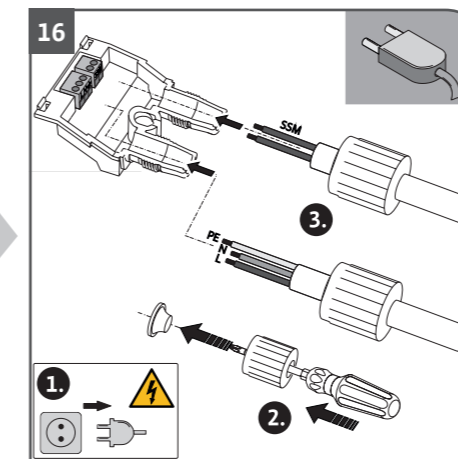
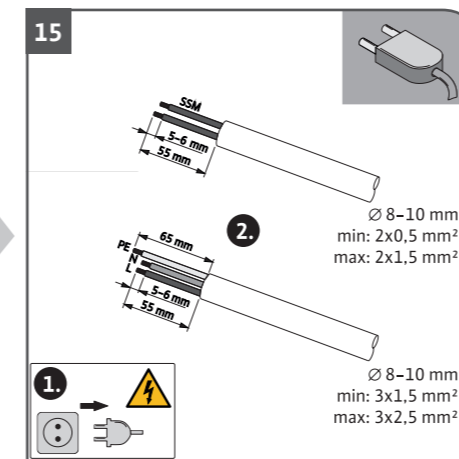
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→ 6.6



→ 7.2

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1 Guidance information

1.1 About these instructions

These instructions enable the safe installation and initial commissioning of the pump.

- Read these instructions before commencing work and keep them in an accessible place at all times.
- Observe instructions and labelling on the pump.
- Observe local regulations where the pump is installed.
- Observe details instructions on the Internet → page 2.

1.2 Original instructions

The German language version represents the original instructions. All other language versions are translations of the original instructions.

1.3 Safety information

Signal word	Meaning
Danger	Dangers which lead to serious injury or death
Warning	Dangers which can lead to serious injury or death
Caution	Dangers which can lead to minor injury
Attention	Dangers which can lead to material and environmental damage

2 Description of the pump

The high-efficiency pump Wilo-Yonos MAXO in the single or double pump version with flange or threaded pipe union is a glandless pump with permanent magnet rotor and integrated differential pressure control.

Power limit

The pump is fitted with a power-limiting function which prevents overload. This may have an operational influence on the delivery rate.

2.1 Type key

Example: Yonos MAXO-D 32/0.5-11

Yonos MAXO	Pump designation
-D	Double pump
32	Flange connection DN 32
0.5-11	0.5: Minimum delivery head in m 11: Maximum delivery head in m at Q = 0 m ³ /h

2.2 Technical data

→ Fig. 3

For further instructions see rating plate and catalogue.

2.3 Min. inlet pressure

Nominal diameter	Fluid temperature		
	-20 to +50 °C	up to +95 °C	up to +110 °C
Rp 1	0.3 bar	1.0 bar	1.6 bar
Rp 1 ¹ / ₄			
DN 32			
DN 40	0.5 bar	1.2 bar	1.8 bar
DN 50			
DN 65	0.7 bar	1.5 bar	2.3 bar
DN 80			
DN 100			



Effective up to 300 m above sea-level. For higher altitudes +0.01 bar/100 m.

3 Safety

3.1 Intended use

Use

Circulation of liquid in the following application areas:

- Hot-water heating systems
- Cooling and cold water circulation systems
- Closed industrial circulating systems
- Solar installations

Permitted liquids

- Heating water in accordance with VDI 2035
- Water-glycol mixtures in maximum ratio 1:1

The delivery rate of the pump is compromised by the admixture of glycol due to the changed viscosity. This is to be considered during pump adjustment.



Use other fluids only after approval from Wilo.

Permitted temperatures

→ Fig. 3

Misuse

- Never allow unauthorised persons to perform work.
- Never operate the pump outside of the specified limits of use.
- Never carry out unauthorised conversions.

- Use exclusively authorised accessories and authorised spare parts.
- Never operate with phase angle control.

3.2 Operator responsibilities

- Keep children and people with reduced physical, sensory or mental capacities or limited experience away from the pump.
- Have all work carried out by qualified personnel only.
- At the installation site ensure protection from electrical dangers and from touching hot components.
- Have defective gaskets and connecting cables replaced.

3.3 Safety instructions

Electrical current

 **DANGER**

The pump is operated electrically. An electric shock may be a danger to life!

- Have only qualified electricians carry out work on electrical components.
- Before all work deactivate power supply and guard against accidental switch-on.
- Never open control module and never remove operator controls.
- Operate pumps exclusively with intact components and connection pipes.

Magnetic field



The permanent magnet rotor inside the pump can be a danger to life for people with medical implants during dismantling.

- Never remove the rotor.

Hot components



Pump housing and glandless pump motor can get hot and cause burns when touched.

- During operation only touch the control module.
- Allow the pump to cool down before commencing any work.
- Keep highly flammable materials away.

4 Transportation and storage

4.1 Scope of delivery

→ Fig. **1** and **2**

4.2 Accessories

Separately available:

- Thermal insulation shell (only for heating applications)

4.3 Transport inspection

Following delivery immediately check for damage and integrity. Where necessary make a complaint immediately.

4.4 Transportation and storage

- Only carry motor or pump housing → Fig. **4**.
- Store in original packaging.
- Protect against damp and mechanical load.
- Dry pump thoroughly following utilisation (e.g. function test) and store for a maximum of 6 months.
- Permissible temperature range: -20 °C to $+40\text{ °C}$

5 Installation

5.1 Personnel requisition

Carry out installation using qualified specialists only.

5.2 Safety



Hot liquids can cause scalding. Before the installation or removal of the pump or the dismantling of the housing screws observe the following:

- Close shut-off device or drain unit.
- Cool down the unit completely.

5.3 Preparing the installation

- Branch off the safety feed ahead of the pump when installing in feed of open systems (EN 12828).
- Complete all welding and brazing tasks.
- Flush unit.
- Arrange shut-off devices in front of and behind the pump. Laterally align the shut-off device above the pump so that the leakage water does not drip on the control module.
- Make sure that the pump can be installed free of mechanical stresses.
- Allow a 10 cm distance around the control module so that it does not overheat.
- Observe permissible installation position → Fig. 5.



When installing outdoor observe detailed instructions on the Internet → page 2.

5.4 Align

The motor head must be aligned according to installation position.

- Check permissible installation positions → Fig. 5.
- Dismantle motor head and carefully turn → Fig. 6.
Do not remove motor from pump housing.

ATTENTION

Damage to the gasket causes leakage.

- Do not remove gasket.

5.5 Installation

→ Fig. 7 to 10

Flange-end pump PN 6

	DN 32	DN 40	DN 50
Screw diameter	M12		
Strength class	≥ 4.6		
Tightening torque	40 Nm		
Screw length	≥ 55 mm	≥ 60 mm	

	DN 65	DN 80	DN 100
Screw diameter	M12	M16	
Strength class	≥ 4.6		
Tightening torque	40 Nm	95 Nm	
Screw length	≥ 60 mm	≥ 70 mm	

Flange-end pump PN 10 and PN 16 (no combination flange)

	DN 32	DN 40	DN 50
Screw diameter	M16		
Strength class	≥ 4.6		
Tightening torque	95 Nm		
Screw length	≥ 60 mm	≥ 65 mm	

	DN 65	DN 80	DN 100
Screw diameter	M16		
Strength class	≥ 4.6		
Tightening torque	95 Nm		
Screw length	≥ 65 mm	≥ 70 mm	

Never interconnect 2 combination flanges.

5.6 Insulate

Only utilise thermal insulation shell in heating applications with fluid temperature > 20 °C.

During cold and air-conditioning applications use standard, diffusion-proof insulation materials. Empty condensation drain → Fig. 11.

5.7 Following installation

- Check impermeability of the pipe/flange connection.

6 Connect

6.1 Personnel requisition

The electrical connection may only be performed by a qualified electrician.

6.2 Requirements

ATTENTION

Wrong connection of the pump leads to damage to the electronics.

- Observe voltage rating on the rating plate.
- Maximum back-up fuse: 10 A, inactive or circuit breaker with C characteristic
- Never connect to an uninterruptible power supply or IT-networks.
- During external connection of the pump deactivate a pulse of the voltage (for example phase angle control).
- Switching the pump via triacs/solid-state relays must be examined on a case-by-case basis.
- During deactivation with on-site power relay: Rated current ≥ 10 A, rated voltage 250 V AC
- Note switching frequency:
 - Switching on/off mains voltage ≤ 100/24 h
 - ≤ 20/h at a switching frequency of 1 min between switching on/off via mains voltage
- Secure pump with a residual-current device (type A or B).
- Leakage current $I_{\text{eff}} \leq 3.5 \text{ mA}$
- The electrical connection must be made via a fixed connecting cable equipped with a connector device or an all-pole switch with a contact opening width of at least 3 mm (VDE 0700/Part 1).
- To protect against leakage and for strain relief to the threaded cable connection use a connection pipe with sufficient outer diameter → Fig. 15.
- Use a heat-resistant connecting cable where fluid temperatures exceed 90 °C.
- Lay the connection pipe in such a way that it touches neither the pipes nor the pump.

6.3 Connection options

→ Fig. 12



3~ 400 V without neutral conductor N: Upstream power transformer.

6.4 Double pumps

Only operate as main and standby pump with automatic fault-actuated switchover:

- Individually connect and secure both motors.
- Provide separate switchgear.
- Make the identical settings.

6.5 Collective fault signal (SSM)

The contact of the collective fault signal (potential-free normally closed contact) can be connected to a building automation system. Internal contact is closed in the following cases:

- The pump has zero current.
- There is no fault.
- The control module has failed.



DANGER

Danger to life through voltage transmission, if mains and SSM pipe are led together through a 5-wire cable.

- Do not connect SSM pipe to protective low voltage.
- Use 5 x 1.5 mm² cable.

During connection of the SSM pipe to the network potential:

- SSM phase = live wire L1

6.6 Connect

→ Fig. 13 to 19

7 Put into operation

7.1 Venting

1. Charge the system appropriately and ventilate.
 - ▶ The pump is self-ventilating.

7.2 Adjusting the operating mode

1. Adjust desired operating mode with operating knob → Fig. 20.
 - ▶ The LED display shows the operating mode (c1, c2, c3) or the setpoint value in m (at $\Delta p-c$, $\Delta p-v$).

7.3 Troubleshooting

The red LED lights up when a fault occurs; additionally an error code will show on the LED display.



Observe detailed instructions on the Internet → page 2.

**EU/EC KONFORMITÄTSSERKLÄRUNG
 EU/EC DECLARATION OF CONFORMITY
 DECLARATION DE CONFORMITE UE/CE**

Als Hersteller erklären wir hiermit, dass die Nassläufer-Umwälzpumpen der Baureihen **We**, the manufacturer, declare that these *glandless circulating pump types of the series Nous*, fabricant, déclarons que les types de *circulateurs des séries*

(Die Seriennummer ist auf dem Typenschild des Produktes nach Punkten b) & c) von §1.7.4.2 und §1.7.3 des Anhanges 1 der Maschinenrichtlinie angegeben. / The serial number is marked on the product site plate according to points b) & c) of §1.7.4.2 and §1.7.3 of the annex 1 of the Machinery directive. / Le numéro de série est inscrit sur la plaque signalétique du produit en accord avec les points b) & c) du §1.7.4.2 et du §1.7.3 de l'annexe 1 de la Directive Machines.)

**Yonos MAXO
 Yonos MAXO-D**

in der gelieferten Ausführung folgenden einschlägigen Bestimmungen entsprechen :
 In their delivered state comply with the following relevant directives :
 dans leur état de livraison sont conformes aux dispositions des directives suivantes :

- _ **Maschinenrichtlinie 2006/42/EG**
- _ **Machinery 2006/42/EC**
- _ **Machines 2006/42/CE**
- und gemäß Anhang 1, §1.5.1, werden die Schutzziele der Niederspannungsrichtlinie 2014/35/EU ab 20 April 2016 eingehalten and according to the annex 1, §1.5.1, comply with the safety objectives of the Low Voltage Directive 2014/35/EU from April 20th 2016 et, suivant l'annexe 1, §1.5.1, respectent les objectifs de sécurité de la Directive Basse Tension 2014/35/UE à partir du 20/04/2016
- _ **Elektromagnetische Verträglichkeit-Richtlinie 2014/30/EU ab 20 April 2016**
- _ **Electromagnetic compatibility 2014/30/EU from April 20th 2016**
- _ **Compatibilité électromagnétique 2014/30/UE à partir du 20 avril 2016**
- _ **Richtlinie energieverbrauchsrelevanter Produkte 2009/125/EG**
- _ **Energy-related products 2009/125/EC**
- _ **Produits liés à l'énergie 2009/125/CE**
- Nach den Ökodesign-Anforderungen der Verordnung 641/2009 für Nassläufer-Umwälzpumpen, die durch die Verordnung 622/2012 geändert wird This applies according to eco-design requirements of the regulation 641/2009 for glandless circulators amended by the regulation 622/2012 suivant les exigences d'éco-conception du règlement 641/2009 pour les circulateurs, amendé par le règlement 622/2012

und entsprechender nationaler Gesetzgebung,
 and with the relevant national legislation,
 et aux législations nationales les transposant,

sowie auch den Bestimmungen zu folgenden harmonisierten europäischen Normen :
 comply also with the following relevant harmonized European standards :
 sont également conformes aux dispositions des normes européennes harmonisées suivantes :

EN 809+A1 **EN 60335-2-51** **EN 16297-1** **EN 61800-3+A1:2012**
EN 16297-2

Revollmächtigter für die Zusammenstellung der technischen Unterlagen ist:
 Person authorized to compile the technical file is :
 Personne autorisée à constituer le dossier technique est :

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Originalserklarung / Original declaration / Declaration originale

<p align="center">(BG) - Български език ДЕКЛАРАЦИЯ ЗА СЪОТЪТВИМЕ ЕО</p> <p>WILO SE декларира, че продуктите посочени в настоящата декларация съответстват на разпоредбите на следните европейски директиви и приелите ги национални законодателства: Машини 2006/42/ЕО; Електромагнитна съвместимост 2014/30/ЕО; Продукти, свързани с енергопотреблението 2009/125/ЕО</p> <p>и/или на хармонизираните европейски стандарти, упоменати на предидната страница.</p>	<p align="center">(CS) - Čeština ES PROHLÁŠENÍ O ŠHODE</p> <p>WILO SE prohlašuje, že výrobky uvedené v tomto prohlášení odpovídají ustanovením níže uvedených evropských směrníc a národním právním předpisům, které je přijímají: Stroje 2006/42/ES; Elektromagnetická kompatibilita 2014/30/ES; Výrobky spojených se spotřebou energie 2009/125/ES</p> <p>a rovněž splňují požadavky harmonizačních evropských norem uvedených na předcházející stránce.</p>
<p align="center">(DA) - Dansk EF-OVERENSSTEMMESESERKLÆRING</p> <p>WILO SE erklærer, at produkterne, som beskrives i denne erklaring, er i overensstemmelse med bestemmelserne i følgende europæiske direktiver, samt de nationale lovgivninger, der gennemfører dem: Maskiner 2006/42/EF; Elektromagnetisk Kompatibilitet 2014/30/EF; Energi-relaterede produkter 2009/125/EF</p> <p>De er ligeledes i overensstemmelse med de harmoniserede europæiske standarder, der er anført på forrige side.</p>	<p align="center">(EL) - Ελληνικά ΑΔΕΛΦΗ ΣΥΜΦΩΝΟΤΗΤΗΣ ΕΚ</p> <p>WILO SE δηλώνει ότι τα προϊόντα που εξομολογούνται σε αυτό το έγγραφο συμμορφώνονται με τις διατάξεις των παρακάτω οδηγιών και τις εθνικές νομοθεσίες, στις οποίες έχει μεταφραστεί: Μηχανήματα 2006/42/ΕΚ; Ηλεκτρομαγνητική συμβατότητα 2014/30/ΕΚ; Συνδεδεμένο με την ενέργεια προϊόντα 2009/125/ΕΚ</p> <p>και επίσης με τα εθνικά ενομοσυντακτικά πρότυπα που αναφέρονται στην προηγούμενη σελίδα.</p>
<p align="center">(ES) - Español DECLARACIÓN DE CONFORMIDAD</p> <p>WILO SE declara que los productos citados en la presente declaración están conformes con las disposiciones de las siguientes directivas europeas y con las legislaciones nacionales que les son aplicables : Máquinas 2006/42/CE; Compatibilidad Electromagnética 2014/30/CE; Productos relacionados con la energía 2009/125/CE</p> <p>Y igualmente están conformes con las disposiciones de las normas europeas armonizadas citadas en la página anterior.</p>	<p align="center">(ET) - Eesti keel EÜ VASTAVUSDEKLARATSIOONI</p> <p>WILO SE kinnitab, et selles vastavustunnistuses kirjeldatud tooted on kooskõlas alljärgnevatel Euroopa direktiivide ja seadustega ning riiklike seadusandlustega, mis nimetatud direktiivide üle on võtnud: Masinad 2006/42/EÜ; Elektromagnetilise Ühilduvuse 2014/30/EÜ; Energiamisjuga tooted 2009/125/EÜ</p> <p>Samuti on tooted kooskõlas eelmainitud ära toodud harmoniseeritud Euroopa standarditega.</p>
<p align="center">(FI) - Suomen kieli EY-VAATIMUSTENMUKAISUUSVAKUUTUS</p> <p>WILO SE vakuuttaa, että tässä vakuutusksessa kuvautut tuotteet ovat seuraavien Euroopan direktiivien määräysten sekä niillä sovellettavien kansallisten lakisäätösten mukaisia: Koneet 2006/42/EY; Sähkömagneettinen Yhteensopivisuus 2014/30/EY; Energiaan liittyvien tuotteiden 2009/125/EY</p> <p>Lisäksi ne ovat seuraavien edelläsille sivulla mainittujen yhdenmukaistettujen eurooppalaisten normien mukaisia.</p>	<p align="center">(GA) - Gaeilge EC DEARBHÚS COMHIONTA</p> <p>WILO SE n-dearbhaíon an cur síos ar na táirgí atá i ráiteas seo, siad i gcomhréir leis na forálacha atá sna treochra seo a leanas na hEorp'a agus leis na dlíthe náisiúnta is infheidhme orthu: Innealra 2006/42/EC; Comhoiriúntacht Leictreamaighnéadach 2014/30/EC; Fuinneamha a bhaineann le táirgí 2009/125/EC</p> <p>Agus siad i gcomhréir le forálacha na caighdeán chomhchuíbhíte na hEorp'a ná dtagraítear sa leathanach roimh seo.</p>
<p align="center">(HR) - Hrvatski EZ IZJAVA O SUKLADNOSTI</p> <p>WILO SE izjavlja da su proizvodi navedeni u ovoj izjavi u skladu sa sljedećim prihvaćenim evropskim direktivama i nacionalnim zakonima: EZ smjernica o strojevima 2006/42/EZ; Elektromagneta kompatibilnost i smjernica 2014/30/EZ; Smjernica za proizvode relevantne u pogledu potrošnje energije 2009/125/EZ</p> <p>i uskladenim europskim normama navedenim na prethodnoj stranici.</p>	<p align="center">(HU) - Magyar EK-MEGFELELŐSÉGI NYILATKOZAT</p> <p>WILO SE kijelenti, hogy a jelen megfelelősségi nyilatkozatban megjelölt termékek megfelelnek a következő európai irányelvek előírásának, valamint ezek nemzeti jogszabványait illetően rendelkezéseinek: Gépek 2006/42/EK; Elektromágneses összeférhetőségi 2014/30/EK; Energiafelhasználás kapcsoltos termékek 2009/125/EK</p> <p>valamint az előző oldalon szereplő, harmonizált európai szabványoknak.</p>
<p align="center">(IS) - Íslenska EB LEYFISYFIRLÝSING</p> <p>WILO SE lýsir því yfir að vörurnar sem eru getur í þessari yfirlýsingu eru í samræmi við eftirfarandi tilskipunum ESB og landslögum hafa samþykkt: Vélartilskipun 2006/42/EB; Rafseguls-samhæfni-tilskipun 2014/30/EB; Tilskipun varðandi vörur tengdar orkunotkun 2009/125/EB</p> <p>og samhæfða evrópska stöðla sem nefnd eru í fyrri síðu.</p>	<p align="center">(IT) - Italiano DICHIARAZIONE DI CONFORMITÀ</p> <p>WILO SE dichiara che i prodotti descritti nella presente dichiarazione sono conformi alle disposizioni delle seguenti direttive europee nonché alle legislazioni nazionali che le traspongono : Macchine 2006/42/CE; Compatibilità Elettromagnetica 2014/30/CE; Prodotti connessi all'energia 2009/125/CE</p> <p>E sono pure conformi alle disposizioni delle norme europee armonizzate citate a pagina precedente.</p>
<p align="center">(LT) - Lietuvių kalba EB ATITIKTIES DEKLARACIJA</p> <p>WILO SE pareiškia, kad šioje deklaracijoje nurodyti gaminiai atitinka šiu Europos direktyvų ir jas perkėliančių nacionalinių įstatymų nuostatas: Mašinos 2006/42/EK; Elektromagnetinis Suderinamumas 2014/30/EB; Energija susijusiems gaminiais 2009/125/EB</p> <p>ir taip pat harmonizuotas Europos normas, kurios buvo cituotos ankstesniame puslapyje.</p>	<p align="center">(LV) - Latviešu valoda EK ATBILSTĪBAS DEKLARĀCIJA</p> <p>WILO SE deklarē, ka izstrādājumi, kas ir nosaukti šajā deklarācijā, atbilst šeit uzskaitīti Eiropas direktīvu nosaucumiem, kā arī atbilstēšu valstu likumiem, kurus tie ir ievēroti: Mašīnas 2006/42/EK; Elektromagnētiskā Saderība 2014/30/EK; Enerģiju saistītiem rādījumiem 2009/125/EK</p> <p>un saskaņotajiem Eiropas standartiem, kas minēti iepriekšējā lappusē.</p>

<p align="center">(MT) - Malti DIKJARAZZJONI KE TA' KONFORMITÀ</p> <p>WILO SE jidkijlari li l-prodotti speċifikati f'din id-dikjarazzjoni huma konformi mad-direttivi Ewropej li jsegwu u mal-legislazzjonijiet nazzjonali li japplikawhom:</p> <p>Makkinarju 2006/42/KE; Kompatibilità Elettronnetika 2014/30/KE; Prodotti relatati mal-enerġija 2009/125/KE</p> <p>fif ukoll mal-normi Ewropej armonizzati li jsegwu imsemjija fil-paġna precedenti.</p>	<p align="center">(NL) - Nederlands EG-VERKLARING VAN OVEREENSTEMMING</p> <p>WILO SE verklaart dat de in deze verklaring vermelde producten voldoen aan de bepalingen van de volgende Europese richtlijnen evenals aan de nationale wetgevingen waarin deze bepalingen zijn overgenomen:</p> <p>Machines 2006/42/EG; Elektromagnetische Compatibiliteit 2014/30/EG; Energiegerelateerde producten 2009/125/EG</p> <p>De producten voldoen eveneens aan de geharmoniseerde Europese normen die op de vorige pagina worden genoemd.</p>
<p align="center">(NO) - Norsk EU-OVERENSSTEMMELSESERKLÆRING</p> <p>WILO SE erklærer at produktene nevnt i denne erklæringen er i samsvar med følgende europeiske direktiver og nasjonale lover:</p> <p>EG-Maskindirektiv 2006/42/EG; EG-EMV-Elektromagnetisk kompatibilitet 2014/30/EG; Direktiv energirelaterete produkter 2009/125/EF</p> <p>og harmoniserte europeiske standarder nevnt på forrige side.</p>	<p align="center">(PL) - Polski DEKLARACJA ZGODNOŚCI WE</p> <p>WILO SE oświadcza, że produkty wymienione w niniejszej deklaracji są zgodne z postanowieniami następujących dyrektyw europejskich i przepisami w sprawie prawa krajowego:</p> <p>Maszyn 2006/42/WE; Kompatybilność Elektromagnetycznej 2014/30/WE; Produktów związanych z energią 2009/125/WE</p> <p>oraz z następującymi normami europejskich zharmonizowanymi podanymi na poprzedniej stronie.</p>
<p align="center">(PT) - Português DECLARAÇÃO CE DE CONFORMIDADE</p> <p>WILO SE declara que os materiais designados na presente declaração obedecem às disposições das directivas europeias e às legislações nacionais que as transcrevem:</p> <p>Máquinas 2006/42/CE; Compatibilidade Electromagnética 2014/30/CE; Produtos relacionados com o consumo de energia 2009/125/CE</p> <p>E obedecem também às normas europeias harmonizadas citadas na página precedente.</p>	<p align="center">(RO) - Română DECLARAȚIE DE CONFORMITATE CE</p> <p>WILO SE declară că produsele citate în prezenta declarație sunt conforme cu dispozițiile directivelor europene următoare și cu legislațiile naționale care le transpun:</p> <p>Masini 2006/42/CE; Compatibilitate Electromagnetică 2014/30/CE; Produsele cu impact energetic 2009/125/CE</p> <p>și, de asemenea, sunt conforme cu normele europene armonizate citate în pagina precedentă.</p>
<p align="center">(RU) - русский язык Декларация о соответствии Европейским нормам</p> <p>WILO SE заявляет, что продукты, перечисленные в данной декларации в соответствии, отвечают следующим европейским директивам и национальным предписаниям:</p> <p>Директива ЕС по машинному оборудованию 2006/42/ЕС; Директива ЕС по электромагнитной совместимости 2014/30/ЕС; Директива ЕС о продукции, связанной с энергопотреблением 2009/125/ЕС</p> <p>и гармонизированным европейским стандартам, упомянутым на предыдущей странице.</p>	<p align="center">(SK) - Slovenčina ES VYHLÁSENIE O ZHODE</p> <p>WILO SE čestne prehlasuje, že výrobky ktoré sú predmetom tejto deklarácie, sú v súlade s požiadavkami nasledujúcich európskych direktív a odpovedajúcich národných legislatívnych predpisov:</p> <p>Strojových zariadeniach 2006/42/ES; Elektromagnetická Kompatibilitu 2014/30/ES; Energeticky významných výrobkov 2009/125/ES</p> <p>ako aj s harmonizovanými európskych normami uvedenými na predchádzajúcej strane.</p>
<p align="center">(SL) - Slovenščina ES-IZJAVA O SKLADNOSTI</p> <p>WILO SE izjavlja, da so izdelki, navedeni v tej izjavi, v skladu z določili naslednjih evropskih direktiv in z nacionalnimi zakonodajami, ki jih vsebujejo:</p> <p>Stroji 2006/42/ES; Elektromagnetno Združljivostjo 2014/30/ES; Izdelkov, povezanih z energijo 2009/125/ES</p> <p>pa tudi z usklajenimi evropskimi standardi, navedenimi na prejšnji strani.</p>	<p align="center">(SV) - Svenska EG-FÖRSÄKRAN OM ÖVERENSSTÄMMELSE</p> <p>WILO SE intygar att materialet som beskrivs i följande intyg överensstämmer med bestämmelserna i följande europeiska direktiv och nationella lagstiftningar som inför dem:</p> <p>Maskiner 2006/42/EG; Elektromagnetisk Kompatibilitet 2014/30/EG; Energitrelaterade produkter 2009/125/EG</p> <p>Det överensstämmer även med följande harmoniserade europeiska standarder som nämnts på den föregående sidan.</p>
<p align="center">(TR) - Türkçe CE UYGUNLUK TEYD BELGESİ</p> <p>WILO SEbu belgele belirtiren ürünlerin aşağıdaki Avrupa yönetmeliklerine ve ulusal kanunlara uygun olduğunu beyan etmektedir:</p> <p>Makine Yönetmeliği 2006/42/AT; Elektromanyetik Uyumluluk Yönetmeliği 2014/30/AT; Eko Tasarım Yönetmeliği 2009/125/AT</p> <p>ve önceki sayfada belirtilen uyumlaştırılmış Avrupa standartlarına.</p>	

Дополнительная информация:

I. Месяц и год изготовления

Дата изготовления указывается в соответствии с международным стандартом ISO 8601 и находится на заводской табличке оборудования:
Например: YwWW = 14w30
YY = год изготовления
w = символ "Неделя"
WW = неделя изготовления

II. Сведения об обязательной сертификации

Сертификат соответствия
№ ТР RU С-DE.AB24.B.01950,
срок действия с 26.12.2014 по 25.12.2019,
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Оборудование соответствует требованиям Союза Технического Регламента Таможенного Союза: ТР ТС 010/2011 «О безопасности машин и оборудования».



III. Информация о производителе и официальных представительствах

1. Информация об изготовителе.
Изготовитель: WIL0 SE (ВИЛО СЕ)
Страна производства указана на заводской табличке оборудования.

2. Официальные представительства на территории Таможенного Союза.

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IV. Дополнительная информация к инструкции по монтажу и эксплуатации

1. Срок хранения

Новые насосы могут храниться как минимум в течение 1 года.
Во время транспортировки и хранения насос должен быть защищен от влажности, мороза и механических повреждений. Температура не должна превышать +60°C, а в случае электронных насосов +40°C.

2. Срок службы оборудования

Не менее 10 лет, в зависимости от условий эксплуатации и выполнения всех требований, указанных в инструкции по монтажу и эксплуатации на оборудовании.

3. Безопасная утилизация

Благодаря правильной утилизации и надлежащему вторичному использованию данного изделия предотвращается нанесение ущерба окружающей среде и опасности для здоровья персонала. Правила утилизации требуют опорожнения и очистки, а также демонтажа оборудования.
Собрать смазочный материал. Выполнить сортировку деталей по материалам (металл, пластик, электроника).

1. Для утилизации данного изделия, а также его частей следует привлекать государственные или частные предприятия по утилизации.

2. Дополнительную информацию по надлежащей утилизации можно получить в муниципалитете, службе утилизации или в месте, где изделие было куплено.



УКАЗАНИЕ:

Насос не подлежит утилизации вместе с бытовыми отходами!
Более подробную информацию по теме вторичного использования см. на www.wilo-recycling.com

GARANTİ BELGESİ

Bu belge 6502 sayılı Tüketicinin Korunması Hakkında Kanun ve Garanti Belgesi Yönetmeliğine uygun olarak düzenlenmiştir.

GARANTİ ŞARTLARI

- Garanti süresi, malın teslim tarihinden itibaren başlar ve 2 yıldır.
 - Malın bütün parçaları dahil olmak üzere tamamı garanti kapsamındadır.
 - Malın ayıplı olduğunun anlaşılması durumunda tüketici, 6502 sayılı Tüketicinin Korunması Hakkında Kanununun 11 inci maddesinde yer alan;
 - Sözleşmeden dönme,**
 - Satış bedelinden indirim isteme,**
 - Ücretsiz onarılmasını isteme,**
 - Satılının ayıpsız bir misli ile değiştirilmesini isteme,** haklarından birini kullanabilir.
 - Tüketicinin bu haklardan ücretsiz onarım hakkını seçmesi durumunda satıcı, işçilik masrafı, değiştirilen parça bedeli ya da başka herhangi bir ad altında hiçbir ücret talep etmeksizin malın onarımını yapmak veya yaptırmakla yükümlüdür.** Tüketici ücretsiz onarım hakkını üretici veya ithalatçıya karşı da kullanabilir. Satıcı, üretici ve ithalatçı tüketici bu hakkını kullanmasından müteselsilen sorumludur.
 - Tüketicinin, **ücretsiz onarım hakkını** kullanması halinde malın;
 - Garanti süresi içinde tekrar arızalanması,
 - Tamiri için gereken azami sürenin aşılması,
 - Tamirinin mümkün olmadığının, yetkili servis istasyonu, satıcı, üretici veya ithalatçı tarafından bir raporla belirlenmesi durumlarında;
- tüketici malın bedel iadesini, ayıp oranında bedel indirimi veya imkân varsa malın ayıpsız misli ile değiştirilmesini** satıcıdan talep edebilir. Satıcı, tüketicinin talebini reddedemez. Bu talebin yerine getirilmemesi durumunda satıcı, üretici ve ithalatçı müteselsilen sorumludur.
- Malın tamir süresi **20 iş gününü** geçemez. Bu süre, garanti süresi içerisinde mala ilişkin arızanın yetkili servis istasyonuna veya satıcıya bildirim tarihi, garanti süresi dışında ise malın yetkili servis istasyonuna teslim tarihinden itibaren başlar. Malın arızasının **10 iş günü** içerisinde giderilememesi halinde, üretici veya ithalatçı; malın tamiri tamamlanıncaya kadar, benzer özelliklere sahip başka bir malı tüketicinin kullanımına tahsis etmek zorundadır. Malın garanti süresi içerisinde arızalanması durumunda, tamirde geçen süre garanti süresine eklenir.
 - Malın kılavuzunda yer alan hususlara aykırı kullanılmasıyla kaynaklanan arızalar garanti kapsamı dışındadır.
 - Tüketici, garantiden doğan haklarının kullanılması ile ilgili olarak çıkabilecek uyuşmazlıklarda yerleşim yerinin bulunduğu veya tüketici işleminin yapıldığı yerdeki **Tüketici Hakem Heyetine veya Tüketici Mahkemesine** başvurabilir.
 - Satıcı tarafından bu **Garanti Belgesinin** verilmemesi durumunda, tüketici **Gümrük ve Ticaret Bakanlığı Tüketicinin Korunması ve Piyasa Gözetimi Genel Müdürlüğüne** başvurabilir.

Üretici veya İthalatçı Firma:

WILO Pompa Sistemleri San. ve Tic. A.Ş.

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Teslim Tarihi ve Yeri :

Yetkilinin İmzası :

Firmanın Kaşesi :

Malın : MOTORLU SU POMPASI
Cinsi : WILCO
Markası : WILCO
Modeli :

Malın :
Garanti Süresi : 2 yıl
Azami Tamir Süresi : 20 iş günü
Bandrol ve Seri No :

GARANTİ İLE İLGİLİ OLARAK MÜŞTERİNİN DİKKAT ETMESİ GEREKEN HUSUSLAR

WILCO Pompa Sistemleri San. Ve Tic. A.Ş. tarafından verilen bu garanti, aşağıdaki durumları kapsamaz:

- Ürün etiketi ve garanti belgesinin tahrip edilmesi.
- Ürünün kullanma kılavuzunda yer alan hususlara aykırı ve amaç dışı kullanılmasından meydana gelen hasar ve arızalar.
- Hatalı tip seçimi, hatalı yerleştirme, hatalı montaj ve hatalı tesisattan kaynaklanan hasar ve arızalar.
- Yetkili servisler dışındaki kişiler tarafından yapılan işleme alma, bakım ve onarımlar nedeni ile oluşan hasar ve arızalar.
- Ürünün tüketiciye tesliminden sonra nakliye, boşaltma, yükleme, depolama sırasında fiziki (çarpma, çizme, kırma) veya kimyevi etkenlerle meydana gelen hasar ve arızalar.
- Yangın, yıldırım düşmesi, sel, deprem ve diğer doğal afetlerle meydana gelen hasar ve arızalar.
- Ürünün yerleştirildiği uygunsuz ortam şartlarından kaynaklanan hasar ve arızalar.
- Hatalı akışkan seçimi ve akışkanın fiziksel veya kimyasal özelliklerinden kaynaklanan hasar ve arızalar.
- Gaz veya havayla basınçlandırılmış tanklarda yanlış basınç oluşumundan kaynaklanan hasar ve arızalar.
- Tesisat zincirinde yer alan bir başka cihaz veya ekipmanın görevini yapmamasından veya yanlış kullanımından meydana gelen hasar ve arızalar.
- Tesisattaki suyun donması ile oluşabilecek hasar ve arızalar.
- Motorlu su pompasında kısa süreli de olsa kuru (susuz) çalıştırmaktan kaynaklanan hasar ve arızalar.
- Motorlu su pompasının kullanma kılavuzunda belirtilen elektrik beslemesi toleranslarının dışında çalıştırılmasından kaynaklanan hasar ve arızalar.

Yukarıda belirtilen arızaların giderilmesi, ücret karşılığında yapılır.

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