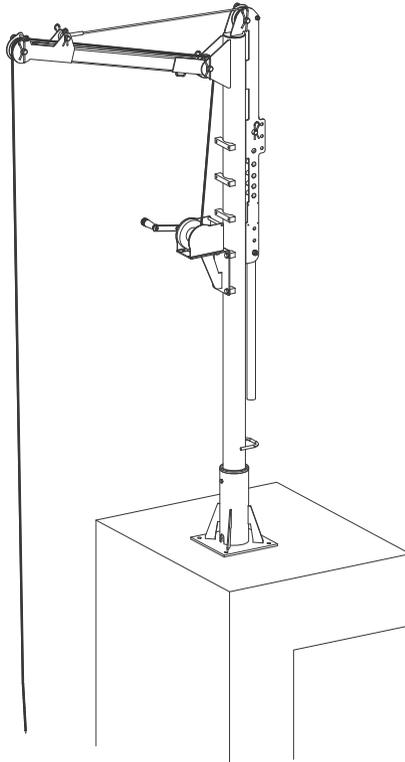


Cranes for SMD, SMG, SFG, SRG, AMD, AMG, AFG and SRP

Installation and operating instructions



QR96882862 **Installation and operating instructions**
All languages
<http://net.grundfos.com/qr/i/96882862>

be
think
innovate

GRUNDFOS 

English (GB) Installation and operating instructions

Original installation and operating instructions

These installation and operating instructions describe Grundfos cranes for AMD, AMG, AFG, SRP, SMD, SMG, SFG and SRG mixers and flowmakers.

Sections 1-5 give the information necessary to be able to unpack, install and operate the product in a safe way.

Sections 6-9 give important information about the product, as well as information on service and disposal of the product.

CONTENTS

	Page
1. General information	2
1.1 Target groups	2
1.2 Symbols used in this document	2
2. Safety instructions	3
2.1 General safety instructions	3
2.2 Safe working practice	3
2.3 Supervision	3
2.4 Trained persons	3
3. Receiving the product	4
4. Installing the product	4
4.1 Mounting the crane foot	4
4.2 Mounting the crane	5
4.3 Mounting of the lifting wire in the drum	6
5. Handling and storing the product	7
5.1 Handling the product	7
5.2 Relocating the product	7
5.3 Storing the product	8
6. Product introduction	9
6.1 Product description	9
6.2 Applications	9
6.3 Identification	9
6.4 Installation types	9
7. Servicing the product	10
7.1 Maintaining the product	10
8. Technical data	10
8.1 Operating conditions	10
8.2 Mechanical data	10
8.3 Components	11
8.4 Dimensions and weights	12
9. Disposing of the product	12

1. General information

1.1 Target groups

These installation and operating instructions are intended for professional installers.

1.2 Symbols used in this document

1.2.1 Warnings against hazards involving risk of death or personal injury

DANGER



Indicates a hazardous situation which, if not avoided, will result in death or serious personal injury.

WARNING



Indicates a hazardous situation which, if not avoided, could result in death or serious personal injury.

CAUTION



Indicates a hazardous situation which, if not avoided, could result in minor or moderate personal injury.

The text accompanying the three hazard symbols DANGER, WARNING and CAUTION is structured in the following way:

SIGNAL WORD

Description of hazard



Consequence of ignoring the warning.
- Action to avoid the hazard.

1.2.2 Other important notes



A blue or grey circle with a white graphical symbol indicates that an action must be taken.



A red or grey circle with a diagonal bar, possibly with a black graphical symbol, indicates that an action must not be taken or must be stopped.



If these instructions are not observed, it may result in malfunction or damage to the equipment.



Tips and advice that make the work easier.



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

2. Safety instructions

2.1 General safety instructions

The crane is designed for lifting and must only be used according to the instructions of the manufacturer. Non-observance of these instructions may lead to accidents.



- Do not use cranes
- for continuous operation
 - at building sites (BGV D7)
 - on stages or in studios (BGV C1).

DANGER



Overhead load

- Death or serious personal injury
- Do not stand under a suspended load.
 - Do not lift loads that may start swinging.

CAUTION

Crushing hazard



- Minor or moderate personal injury
- Do not use the crane for lifting or transporting people (ZH 1 / 461).
 - Do not lift a load in a diagonal pull.
 - Do not lift a load for an unnecessarily long period of time.

Observe the warning labels on the product. See fig. 1.



Fig. 1 Warning labels

TM04 3093 3708

2.2 Safe working practice

Installation, maintenance and repair may only be carried out by trained personnel. See section [2.4 Trained persons](#).

Use only original replacement parts from the manufacturer.

Do not carry out changes reducing safety.

Additional components must not reduce safety.

Always work safely, and be aware of dangers at all times.

Always work according to safety and accident prevention regulations.

Always follow national safety standards and guidelines.

Inform your manager immediately in case of danger or faults on the crane. Do not operate the crane again until the risk has been eliminated or the damage or fault has been repaired.

Check the following every time before you use the crane:

- The winch, lifting wire and crane boom wire must be intact.
- The crane must have a good stability inside the crane foot, and the crane foot must be fixed.
- All parts of the crane must be intact and properly installed.

2.3 Supervision

Make sure that these installation and operating instructions are always at hand.

Do not allow this crane to be operated by untrained staff.

Check regularly that the crane is operated safely and according to these instructions.

2.4 Trained persons

Trained persons are people who have been trained and who have gained experience in the field of winches, lifting and pulling equipment, and who are adequately acquainted with the national standards of accident prevention and safety regulations.

3. Receiving the product



Do not install a damaged crane.

On delivery, check the crane and any accessories supplied with it for transport damage. This also applies when the equipment is delivered to the installation site.

If the crane or any accessories have been damaged, contact your local Grundfos company before continuing to install the equipment. Do not remove a damaged component for further inspection, unless instructed by your local Grundfos company.

Dispose of packaging material according to local regulations.

4. Installing the product

The winch is supplied without lifting wire.

After attaching the lifting wire, check that the winch works correctly by carrying out the commissioning test according to the local regulations.



Crane installation must be carried out by specially trained persons.

4.1 Mounting the crane foot

Use only MKT chemical anchors, type V-A 12-35/160 A4 or V-A 16-45/190 A4, or a similar anchor system for fastening the crane foot.

Fasten the crane foot in crack-free concrete of at least 16 cm (6 in) thickness and a minimum concrete grade of C20/25.

Temperature inside the drilled hole: -40 to +50 °C (-40 °F to +122 °F), for a short period of time up to 80 °C (176 °F).

In addition, fulfil the approval conditions of ETA-05/0231.



Do not use the chemical anchors in a chloric environment.

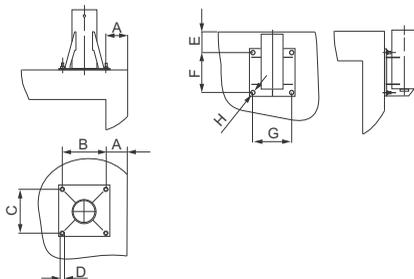


Fig. 2 Horizontal and vertical fixation

Horizontal fixation, load and dimensions

Max. load [kg (lb)]	Crane type		
	S	M	L
Dimensions	100 (220)	250 (550)	500 (1100)
A [mm (in)]	100 (3 7/8)	150 (5 7/8)	150 (5 7/8)
B [mm (in)]	200 (7 7/8)	300 (11 3/4)	300 (11 3/4)
C [mm (in)]	200 (7 7/8)	300 (11 3/4)	300 (11 3/4)
D	M12 (1/2")	M12 (1/2")	M12 (1/2")

Vertical fixation, load and dimensions

Max. load [kg (lb)]	Crane type		
	S	M	L
Dimensions	100 (220)	250 (550)	500 (1100)
E [mm (in)]	150 (5 7/8)	150 (5 7/8)	150 (5 7/8)
F [mm (in)]	200 (7 7/8)	300 (11 3/4)	300 (11 3/4)
G [mm (in)]	200 (7 7/8)	300 (11 3/4)	300 (11 3/4)
H	M12 (1/2")	M16 (5/8")	M16 (5/8")

TM04 3088 3708

4.1.1 Mounting of chemical anchor

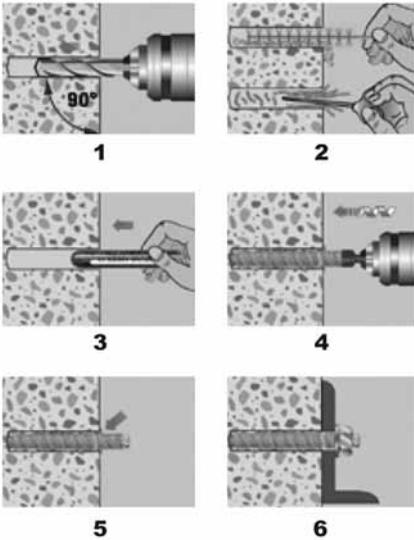


Fig. 3 How to mount a chemical anchor

1. Drill a hole in the concrete. Make sure that diameter and depth are correct. See section [8.2.1 Mounting dimensions of anchor bolt](#).
2. Carefully clean the hole of the drill dust.
3. Insert the glue capsule into the hole.



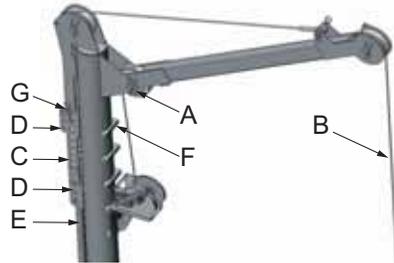
Before inserting the glue capsule, check the viscosity of the resin in the glue capsule. The glue capsule must be lukewarm and the resin soft. Never use damaged glue capsules. Store glue capsules cool in original packing.

4. Using a power drill, crush the chemical anchor inside the hole by means of a threaded stud. The space between anchor and hole must be filled completely.
5. The ring mark on the stud must be flush with the concrete surface.
6. Let the chemical anchor cure. See section [8.2.2 Curing time of anchor bolt](#).
7. Mount the crane foot and secure by means of nuts.

TM04 3089 3709

4.2 Mounting the crane

Position indicators of parts (letters) in sections [4.2.1 Mounting the crane mast](#) to [4.2.4 Adjusting the crane boom](#) refer to fig. 4.



TM04 3096 3708

Fig. 4 Crane components

Legend for fig. 4:

Pos.	Description
A	Mounting bolt
B	Lifting wire
C	Fixing holes
D	Fixing brackets for swinging arm and crane boom wire
E	Swinging arm
F	Mounting points for winch
G	Bolt for crane boom wire

4.2.1 Mounting the crane mast

1. Insert the crane mast into the crane foot. Inside the foot there is a bolt for centring and guidance.
2. Fix the fixing bracket (D) of swinging arm (E) at optional heights among the fixing holes (C).
3. Check that the crane mast can turn in the foot after insertion.

4.2.2 Mounting the winch

1. Fasten the adapter with winch to the appropriate mounting point (F). Use four hexagon-head screws, M10.
2. Choose freely the mounting height among the mounting points (F).

4.2.3 Mounting the crane boom and the lifting wire

1. Lift the crane boom with pulley into place, and insert mounting bolt (A). See fig. 4.
2. Secure the bolt with a split pin.
3. Direct the lifting wire (B) over the pulley of the crane boom, and fasten it to the wire drum. To assemble the wire in the sleeve, see section [4.3 Mounting of the lifting wire in the drum](#).
4. Direct the crane boom wire over the pulley at the top of the crane mast and fix it with bolt (G) in hole (C).

4.2.4 Adjusting the crane boom

The crane boom height (or angle) can be adjusted by selecting among the fixing holes (C). See sections [5.2.1 Relocating the crane boom](#) and [8. Technical data](#).

4.3 Mounting of the lifting wire in the drum



Always use only original Grundfos lifting wires.

Grundfos offers two types of lifting wire, one without and one with end sleeve.

Lifting wire without end sleeve

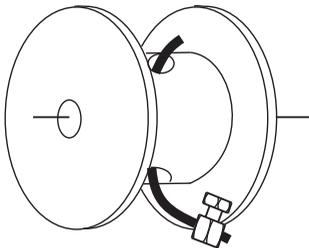


Fig. 5 Wire without end sleeve

1. Insert the lifting wire through the hole in the drum and into the enclosed wire clamp.
2. Make sure that the clamping screw is tightened properly. See fig. 5.
3. Carry out the commissioning test according to the local regulations.



At least three turns of wire must always remain on the drum and be marked with colour. The wire must be wound under pretension. Make sure that the wire is wound evenly.

Lifting wire with end sleeve

1. Put the end of the wire into the opening in the drum. See fig. 6.
2. Secure the lifting wire by tightening the safety screw (S). See fig. 7.
3. Check that the end of the wire is connected correctly and safely.
4. Carry out the commissioning test according to the local regulations.



At least three turns of wire must always remain on the drum and be marked with colour. The wire must be wound under pretension. Make sure that the wire is wound evenly.

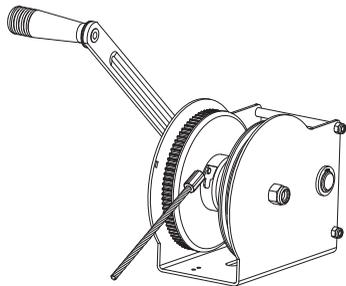


Fig. 6 Drum opening for wire with end sleeve

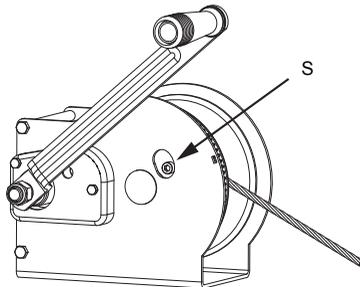


Fig. 7 Safety screw



Before every use of the winch, check that the pawl is turned towards the brake (contrary to the nut) and that the brake assembly is functioning faultlessly.

TM04 3091 3708

TM04 3090 3708

TM04 3092 0917

5. Handling and storing the product

5.1 Handling the product



Before every use, check that the winch and the crane operate flawlessly.

Only handle the crane in accordance with the following instructions:

- The crane must be in perfect technical condition.
- The crane must only be used by trained persons. See section 2.4 *Trained persons*.
- When using the crane for lifting, lowering and swivelling, the load must not be obstructed.



Clean the crane and the winch after every operation.

5.1.1 Handling procedure



Do not exceed the maximum load.
See section 4.1 *Mounting the crane foot*.

The winch is designed for lifting or pulling a load on an even or inclining surface.

1. Fasten the end of the lifting wire to the load.
2. Turn the handle until the wire is tight.
3. Make sure the pawl is in locking position.
4. Lift up the load by turning the handle.
When the load is to be lowered, release the pawl, and turn the handle slowly in the opposite direction. Do not drop the load!

You can lift up and lower loads by turning the handle according to the directions "Up" and "Down" on the brake housing. You can stop the load at any time by letting go of the pawl which stops the rotation of the drum.

Make sure that the wire is guided properly during the winding procedure in order to prevent seizing of the wire. Be aware that the brake only functions automatically if there is a minimum load on the winch.

Make sure that the brake assembly does not heat up when lowering a load over a long period of time.

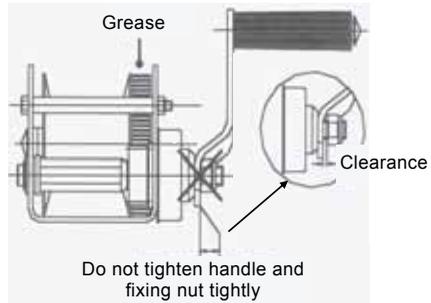


Fig. 8 Winch



At least three turns of wire must always remain on the drum.

5.2 Relocating the product

5.2.1 Relocating the crane boom

The crane boom can be raised or lowered, thus changing the angle and the distance from the mast.

CAUTION



Crushing hazard

Minor or moderate personal injury
- Only relocate the crane boom when it is unloaded.

1. Hold the crane boom so that it does not fall down.
2. Remove the split pin and pull out the mounting bolt (G).
3. Lift or lower the crane boom to its new position by changing the position of bolt (G) in the fixing bracket (D).
4. Fit the mounting bolt and split pin.

TM04 3098 3708

5.2.2 Relocating the winch

The winch can be relocated up and down the crane mast.

CAUTION



Crushing hazard

Minor or moderate personal injury
- Only relocate the winch when it is unloaded.

1. Remove the four hexagon-head screws of the adapter. See section [4.2.2 Mounting the winch](#).
2. Move the winch to its new position.
3. Fit and tighten the hexagon-head screws.

5.2.3 Swivelling the crane

The crane can be swivelled by pushing or pulling of the swinging arm.

DANGER



Overhead load

Death or serious personal injury
- Do not stand under a suspended load.



Do not use the winch for swivelling the crane.

To facilitate swivelling, grease the nylon ring and the centring bolt inside the crane foot.

5.2.4 Relocating the complete crane

Do not



- wind the lifting wire in the opposite direction as this will cause the brake to fail
- leave the crane unattended when children or untrained persons can reach the winch
- use the winch together with a motor
- dismantle or replace the winch
- exceed the maximum load
- use a damaged wire
- load the crane until the foot has been fixed correctly.

CAUTION



Sharp element

Minor or moderate personal injury
- Protect yourself from injuries caused by salient wire strings.

The crane can fairly easily be moved to a new position.

1. Remove the lifting wire.
2. Dismantle the crane boom according to the instructions in section [4.2.3 Mounting the crane boom and the lifting wire](#) in reverse order.
3. Move the crane to its new position.
4. Reassemble the crane according to the instructions in section [4.2.3 Mounting the crane boom and the lifting wire](#).

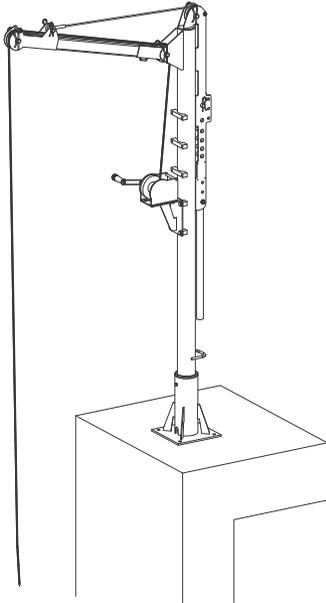
5.3 Storing the product

When the crane is not used for a long period, we recommend that you store it in a dry location or cover. Also, when the crane is not used for a long time, a regular maintenance must be conducted to ensure that the crane does not lose the handling ability. See section [7. Servicing the product](#).

6. Product introduction

6.1 Product description

The crane is made of steel and has variable working radius and variable fixing of lifting wire in either a galvanised or a stainless-steel winch.



6.2 Applications

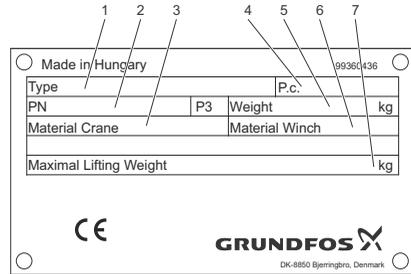
The crane is typically used at wastewater treatment plants for lifting and lowering mixers and flowmakers out of and into wastewater treatment tanks.

The crane is used for lifting, lowering and swivelling loads. It complies with lifting class H1 according to DIN 15018 and is suitable for a total of load changes less than 2 x 100,000 times.

TM04 3095 3708

6.3 Identification

6.3.1 Nameplate



TM04 3087 2019

Fig. 9 Nameplate

Legend for fig. 9:

Pos.	Description
1	Type designation
2	Production code
3	Material, crane
4	Product number
5	Weight [kg (lb)]
6	Material, winch
7	Maximum lifting capacity

6.4 Installation types

The crane is fastened in a crane foot. There are two types of crane foot, one for horizontal mounting outside the tank and one for vertical mounting inside the tank.

For further information, see section [8. Technical data](#).

7. Servicing the product

7.1 Maintaining the product



The crane, winch and wires must be checked at least once a year.



The crane must be unloaded before you carry out maintenance or service work.

7.1.1 Maintenance of the winch

Before operating the winch

Check functional capability of the winch before every operation.

If there is any doubt that the winch functions correctly, do not use the winch.



Do not operate the winch in case of damaged load in the hook or wire.

After operating the winch

Clean the winch after every operation; this will extend the life of the winch. The following points in the winch must be checked regularly by trained personnel:

- **Gears, bearing bushes and drive shaft**
Parts must always be greased.



Do not grease the braking system.

- **Winch wire**
Check that the wire is undamaged. For operation, maintenance and replacement of worn wires, please see DIN 15020.

Keep winch in good condition. Unmaintained machine parts can lead to malfunction or even accidents. Use only original replacement parts from the manufacturer.

8. Technical data

8.1 Operating conditions

Ambient temperature

The ambient temperature during operation must be between -10 and +50 °C (14 and 122 °F).

8.2 Mechanical data

8.2.1 Mounting dimensions of anchor bolt

Stud size:	M12 (7/16)	M16 (3/8)
d_o Drill hole diameter [mm (in)]	14 (9/16)	18 (5/8)
Hole diameter through crane foot [mm (in)]	14 (9/16)	18 (5/8)
h Minimum concrete thickness [mm (in)]	160 (6)	
h_1 Drill hole depth [mm (in)]	110 (4 1/2)	125 (5)
T_{inst} Installation torque [Nm (lbf ft)]	40 (30)	80 (60)
Wrench size [mm (in)]	19 (3/4)	24 (15/16)
Wrench size for outer hexagon [mm (in)]	8 (5/16")	12 (15/32)

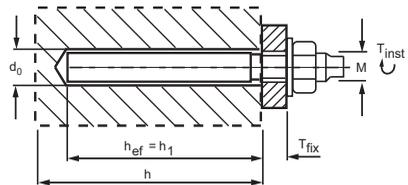


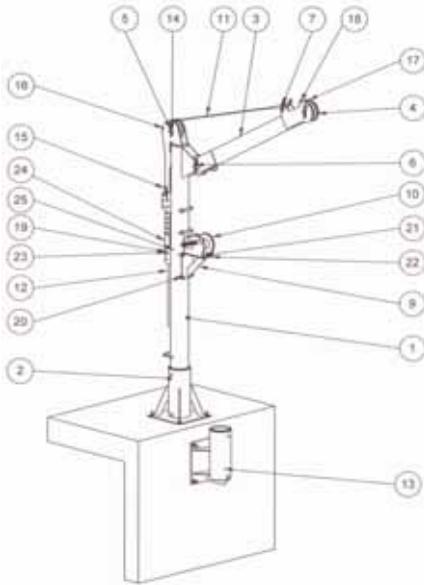
Fig. 10 Anchoring sketch

8.2.2 Curing time of anchor bolt

Temperature of base material [°C (°F)]	Curing time, drilled hole dry [min.]	Curing time, drilled hole wet [min.]
35 (95)	10	20
30 (86)	10	20
20 (68)	20	40
10 (50)	60	120
5 (41)	60	120
0 (32)	300	600
-5 (23)	300	600

TM04 3097 3708

8.3 Components



TM04 3094 3708

Fig. 11 Component drawing

Crane type S

Pos.	Description	Component	
		Pcs.	Size [mm (in)]
1	Mast complete	1	-
2	Crane foot	1	-
3	Crane boom	1	-
4	Pulley	3	-
5	Bolt	2	Ø20 (Ø0.79)
6	Bolt	1	Ø20 (Ø0.79)
7	Bolt	2	Ø18 (Ø0.71)
9	Winch adapter complete	1	-
10	Winch, 6AF	1	-
11	Wire complete with wire thimble	1	Ø4 (Ø0.16)
12	Swinging arm	1	1
13	Crane foot for vertical installation	1	1
14	Split pin	6	d5
15	Split pin	4	d4
16	Washer	4	M8 (5/16)
17	Lock nut	2	M8 (5/16)
18	Hexagon-head screw	2	M8 x 80 (5/16 x 3.15)
19	Washer	12	M10 (7/16)
20	Hexagon-head screw	4	M10 x 16 (7/16 x 0.63)
21	Hexagon-head screw	3	M10 x 20 (7/16 x 0.79)
22	Hexagon nut	3	M10 (7/16)
23	Hexagon-head screw	1	M10 x 80 (7/16 x 3.15)
24	Lock nut	1	M10 (7/16)
25	Nameplate	1	1

Crane type M and L

Pos.	Description	Component	
		Pcs.	Size [mm (in)]
1	Mast complete	1	-
2	Crane foot	1	-
3	Crane boom	1	-
4	Pulley	3	-
5	Bolt	2	Ø30 (Ø1.18)
6	Bolt	1	Ø30 (Ø1.18)
7	Bolt	2	Ø20 (Ø0.79)
9	Winch adapter complete	1	-
10	Winch, 8AF - type M Winch, 12AF - type L	1	-
11	Wire complete with wire thimble - type M	1	Ø6 (Ø0.24)
	Wire complete with wire thimble - type L		Ø7 (Ø0.28)
12	Swinging arm	1	-
13	Crane foot for vertical installation	1	-
14	Split pin	6	d5
15	Split pin	4	d4
16	Washer	4	M8 (5/16)
17	Lock nut	2	M8 x 80 (5/16 x 3.15)
18	Hexagon-head screw	2	M8 x 80 (5/16 x 3.15)
19	Washer	14	M10 (7/16)
20	Hexagon-head screw	4	M10 x 16 (7/16 x 0.63)
21	Hexagon-head screw	4	M10 x 20 (7/16 x 0.79)
22	Hexagon nut	4	M10 (7/16)
23	Hexagon-head screw	1	M10 x 80 (7/16 x 3.15)
24	Lock nut	1	M10 (7/16)
25	Nameplate	1	-

8.4 Dimensions and weights

8.4.1 Dimensions

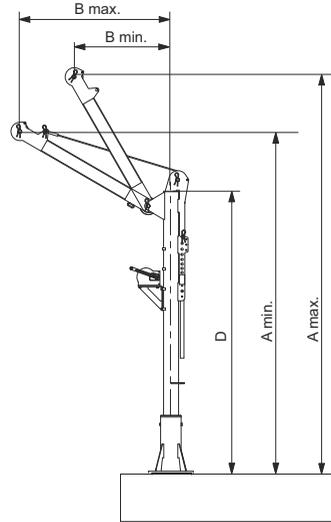


Fig. 12 Crane dimensions

Crane type	A [mm (in)]		B [mm (in)]		D [mm (in)]
	min.	max.	min.	max.	
S	2255 (89)	2911 (115)	405 (16)	1005 (40)	2130 (84)
M	2838 (112)	3521 (139)	654 (26)	1474 (58)	2286 (90)
L	2838 (112)	3521 (139)	654 (26)	1474 (58)	2280 (90)

8.4.2 Weights

Crane type	S	M	L
Total weight [kg (lb)]	35.0 (77.2)	61.2 (135.0)	76.5 (168.7)

9. 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.

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

TM04 3086 3410

Argentina

Bombas GRUNDFOS de Argentina S.A.
Ruta Panamericana km. 37.500 Centro
Industrial Garin
1619 Garin Pcia. de B.A.
Phone: +54-3327 414 444
Telefax: +54-3327 45 3190

Australia

GRUNDFOS Pumps Pty. Ltd.
P.O. Box 2040
Regency Park
South Australia 5942
Phone: +61-8-8461-4611
Telefax: +61-8-8340 0155

Austria

GRUNDFOS Pumpen Vertrieb
Ges.m.b.H.
Grundfosstraße 2
A-5082 Grödig/Salzburg
Tel.: +43-6246-883-0
Telefax: +43-6246-883-30

Belgium

N.V. GRUNDFOS Bellux S.A.
Boomsesteenweg 81-83
B-2630 Aartselaar
Tél.: +32-3-870 7300
Télécopie: +32-3-870 7301

Belarus

Представительство ГРУНДФОС в
Минске
220125, Минск
ул. Шафарнянская, 11, оф. 56, БЦ
«Порт»
Тел.: +7 (375 17) 286 39 72/73
Факс: +7 (375 17) 286 39 71
E-mail: minsk@grundfos.com

Bosnia and Herzegovina

GRUNDFOS Sarajevo
Zmaja od Bosne 7-7A,
BH-71000 Sarajevo
Phone: +387 33 592 480
Telefax: +387 33 590 465
www.ba.grundfos.com
e-mail: grundfos@bih.net.ba

Brazil

BOMBAS GRUNDFOS DO BRASIL
Av. Humberto de Alencar Castelo
Branco, 630
CEP 09850 - 300
São Bernardo do Campo - SP
Phone: +55-11 4393 5533
Telefax: +55-11 4343 5015

Bulgaria

Grundfos Bulgaria EOOD
Slatina District
Iztochna Tangenta street no. 100
BG - 1592 Sofia
Tel. +359 2 49 22 200
Fax. +359 2 49 22 201
email: bulgaria@grundfos.bg

Canada

GRUNDFOS Canada Inc.
2941 Brighton Road
Oakville, Ontario
L6H 6C9
Phone: +1-905 829 9533
Telefax: +1-905 829 9512

China

GRUNDFOS Pumps (Shanghai) Co. Ltd.
10F The Hub, No. 33 Suhong Road
Minhang District
Shanghai 201106
PRC
Phone: +86 21 612 252 22
Telefax: +86 21 612 253 33

COLOMBIA

GRUNDFOS Colombia S.A.S.
Km 1.5 vía Siberia-Cota Conj. Potrero
Chico,
Parque Empresarial Arcos de Cota Bod.
1A.
Cota, Cundinamarca
Phone: +57(1)-2913444
Telefax: +57(1)-8764586

Croatia

GRUNDFOS CROATIA d.o.o.
Buzinski prilaz 38, Buzin
HR-10010 Zagreb
Phone: +385 1 6595 400
Telefax: +385 1 6595 499
www.hr.grundfos.com

GRUNDFOS Sales Czechia and Slovakia s.r.o.

Čajkovského 21
779 00 Olomouc
Phone: +420-585-716 111

Denmark

GRUNDFOS DK A/S
Martin Bachs Vej 3
DK-8850 Bjerringbro
Tlf.: +45-87 50 50 50
Telefax: +45-87 50 51 51
E-mail: info_GDK@grundfos.com
www.grundfos.com/DK

Estonia

GRUNDFOS Pumps Eesti OÜ
Peterburi tee 92G
11415 Tallinn
Tel: + 372 606 1690
Fax: + 372 606 1691

Finland

OY GRUNDFOS Pumput AB
Trukkikuja 1
FI-01360 Vantaa
Phone: +358-(0) 207 889 500

France

Pompes GRUNDFOS Distribution S.A.
Parc d'Activités de Chesnes
57, rue de Malacombe
F-38290 St. Quentin Fallavier (Lyon)
Tél.: +33-4 74 82 15 15
Télécopie: +33-4 74 94 10 51

Germany

GRUNDFOS GMBH
Schlüterstr. 33
40699 Erkrath
Tel.: +49-(0) 211 929 69-0
Telefax: +49-(0) 211 929 69-3799
e-mail: infoservice@grundfos.de
Service in Deutschland:
e-mail: kundendienst@grundfos.de

Greece

GRUNDFOS Hellas A.E.B.E.
20th km. Athinon-Markopoulou Av.
P.O. Box 71
GR-19002 Peania
Phone: +0030-210-66 83 400
Telefax: +0030-210-66 46 273

Hong Kong

GRUNDFOS Pumps (Hong Kong) Ltd.
Unit 1, Ground floor
Siu Wai Industrial Centre
29-33 Wing Hong Street &
68 King Lam Street, Cheung Sha Wan
Kowloon
Phone: +852-27861706 / 27861741
Telefax: +852-27858664

Hungary

GRUNDFOS Hungária Kft.
Tópark u. 8
H-2045 Törökbálint,
Phone: +36-23 511 110
Telefax: +36-23 511 111

India

GRUNDFOS Pumps India Private
Limited
118 Old Mahabalipuram Road
Thoraipakkam
Chennai 600 096
Phone: +91-44 2496 6800

Indonesia

PT. GRUNDFOS POMPA
Graha Intirub Lt. 2 & 3
Jln. Cililitan Besar No.454. Makasar,
Jakarta Timur
ID-Jakarta 13650
Phone: +62 21-469-51900
Telefax: +62 21-460 6910 / 460 6901

Ireland

GRUNDFOS (Ireland) Ltd.
Unit A, Merrywell Business Park
Ballymount Road Lower
Dublin 12
Phone: +353-1-4089 800
Telefax: +353-1-4089 830

Italy

GRUNDFOS Pompe Italia S.r.l.
Via Gran Sasso 4
I-20060 Truccazzano (Milano)
Tel.: +39-02-95838112
Telefax: +39-02-95309290 / 95838461

Japan

GRUNDFOS Pumps K.K.
1-2-3, Shin-Miyakoda, Kita-ku,
Hamamatsu
431-2103 Japan
Phone: +81 53 428 4760
Telefax: +81 53 428 5005

Korea

GRUNDFOS Pumps Korea Ltd.
679 Floor, Aju Building 679-5
Yeoksam-dong, Kangnam-ku, 135-916
Seoul, Korea
Phone: +82-2-5317 600
Telefax: +82-2-5633 725

Latvia

SIA GRUNDFOS Pumps Latvia
Deglava biznesa centrs
Augusta Deglava iela 60, LV-1035, Rīga,
Tālr.: + 371 714 9640, 7 149 641
Faks: + 371 914 9646

Lithuania

GRUNDFOS Pumps UAB
Smolensko g. 6
LT-03201 Vilnius
Tel: + 370 52 395 430
Fax: + 370 52 395 431

Malaysia

GRUNDFOS Pumps Sdn. Bhd.
7 Jalan Peguam U1/25
Glenmarie Industrial Park
40150 Shah Alam
Selangor
Phone: +60-3-5569 2922
Telefax: +60-3-5569 2866

Mexico

Bombas GRUNDFOS de México S.A. de
C.V.
Boulevard TLC No. 15
Parque Industrial Stiva Aeropuerto
Apodaca, N.L. 66600
Phone: +52-81-8144 4000
Telefax: +52-81-8144 4010

Netherlands

GRUNDFOS Netherlands
Veluwezoom 35
1326 AE Almere
Postbus 22015
1302 CA ALMERE
Tel.: +31-88-478 6336
Telefax: +31-88-478 6332
E-mail: info_gnl@grundfos.com

New Zealand

GRUNDFOS Pumps NZ Ltd.
17 Beatrice Tinsley Crescent
North Harbour Industrial Estate
Auckland
Phone: +64-9-415 3240
Telefax: +64-9-415 3250

Norway

GRUNDFOS Pumper A/S
Strømsveien 344
Postboks 235, Leirdal
N-1011 Oslo
Tlf.: +47-22 90 47 00
Telefax: +47-22 32 21 50

Poland

GRUNDFOS Pompy Sp. z o.o.
ul. Klonowa 23
Baranowo k. Poznania
PL-62-081 Przeźmierowo
Tel: (+48-61) 650 13 00
Fax: (+48-61) 650 13 50

Portugal

Bombas GRUNDFOS Portugal, S.A.
Rua Calvet de Magalhães, 241
Apartado 1079
P-2770-153 Paço de Arcos
Tel.: +351-21-440 76 00
Telefax: +351-21-440 76 90

Romania

GRUNDFOS Pompe România SRL
Bd. Biruintei, nr 103
Pantelimon county Ilfov
Phone: +40 21 200 4100
Telefax: +40 21 200 4101
E-mail: romania@grundfos.ro

Russia

ООО Грундфос Россия
ул. Школьная, 39-41
Москва, RU-109544, Russia
Тел. (+7) 495 564-88-00 (495) 737-30-00
Факс (+7) 495 564 8811
E-mail grundfos.moscow@grundfos.com

Serbia

Grundfos Srbija d.o.o.
Omladinskih brigada 90b
11070 Novi Beograd
Phone: +381 11 2258 740
Telefax: +381 11 2281 769
www.rs.grundfos.com

Singapore

GRUNDFOS (Singapore) Pte. Ltd.
25 Jalan Tukang
Singapore 619264
Phone: +65-6681 9688
Telefax: +65-6681 9689

Slovakia

GRUNDFOS s.r.o.
Prievozská 4D
821 09 BRATISLAVA
Phona: +421 2 5020 1426
sk.grundfos.com

Slovenia

GRUNDFOS LJUBLJANA, d.o.o.
Leskokoška 9e, 1122 Ljubljana
Phone: +386 (0) 1 568 06 10
Telefax: +386 (0) 1 568 06 19
E-mail: tehnika-si@grundfos.com

South Africa

Grundfos (PTY) Ltd.
16 Lascelles Drive, Meadowbrook Estate
1609 Germiston, Johannesburg
Tel.: (+27) 10 248 6000
Fax: (+27) 10 248 6002
E-mail: lgradidge@grundfos.com

Spain

Bombas GRUNDFOS España S.A.
Camino de la Fuentesilla, s/n
E-28110 Algete (Madrid)
Tel.: +34-91-848 8800
Telefax: +34-91-628 0465

Sweden

GRUNDFOS AB
Box 333 (Lunnagårdsgatan 6)
431 24 Mölndal
Tel.: +46 31 332 23 000
Telefax: +46 31 331 94 60

Switzerland

GRUNDFOS Pumpen AG
Bruggacherstrasse 10
CH-8117 Fällanden/ZH
Tel.: +41-44-806 8111
Telefax: +41-44-806 8115

Taiwan

GRUNDFOS Pumps (Taiwan) Ltd.
7 Floor, 219 Min-Chuan Road
Taichung, Taiwan, R.O.C.
Phone: +886-4-2305 0868
Telefax: +886-4-2305 0878

Thailand

GRUNDFOS (Thailand) Ltd.
92 Chaloeem Phrakiat Rama 9 Road,
Dokmai, Pravej, Bangkok 10250
Phone: +66-2-725 8999
Telefax: +66-2-725 8998

Turkey

GRUNDFOS POMPA San. ve Tic. Ltd.
Sti.
Gebze Organize Sanayi Bölgesi
İhsan dede Caddesi,
2. yol 200. Sokak No. 204
41490 Gebze/ Kocaeli
Phone: +90 - 262-679 7979
Telefax: +90 - 262-679 7905
E-mail: satis@grundfos.com

Ukraine

Бізнес Центр Європа
Столичне шосе, 103
м. Київ, 03131, Україна
Телефон: (+38 044) 237 04 00
Факс.: (+38 044) 237 04 01
E-mail: ukraine@grundfos.com

United Arab Emirates

GRUNDFOS Gulf Distribution
P.O. Box 16768
Jebel Ali Free Zone
Dubai
Phone: +971 4 8815 166
Telefax: +971 4 8815 136

United Kingdom

GRUNDFOS Pumps Ltd.
Grovebury Road
Leighton Buzzard/Beds. LU7 4TL
Phone: +44-1525-850000
Telefax: +44-1525-850011

U.S.A.

GRUNDFOS Pumps Corporation
9300 Loiret Blvd.
Lenexa, Kansas 66219
Phone: +1-913-227-3400
Telefax: +1-913-227-3500

Uzbekistan

Grundfos Tashkent, Uzbekistan The
Representative Office of Grundfos
Kazakhstan in Uzbekistan
38a, Oybek street, Tashkent
Телефон: (+998) 71 150 3290 / 71 150 3291
Факс: (+998) 71 150 3292

Addresses Revised 15.01.2019

be think innovate

96882862 0519

ECM: 1260896

Trademarks displayed in this material, including but not limited to Grundfos, the Grundfos logo and "be think innovate" are registered trademarks owned by The Grundfos Group. All rights reserved. © 2019 Grundfos Holding A/S, all rights reserved.

www.grundfos.com

GRUNDFOS 