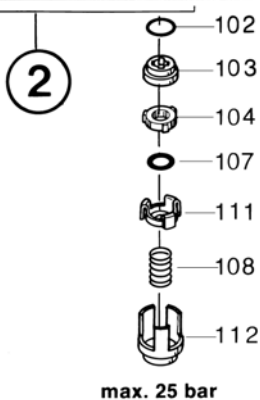
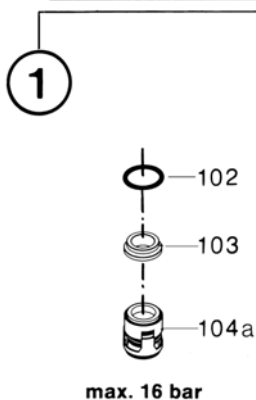


## CR(N) 8/16

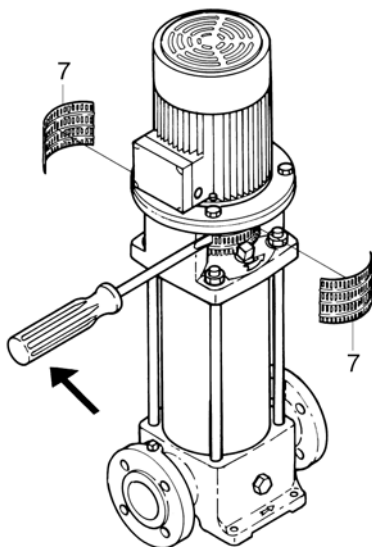
- ⓐ Shaft seal
- ⓓ Wellenabdichtung
- ⓕ Garniture mécanique
- ⓖ Tenuta meccanica
- ⓔ Cierre del eje
- ⓖ Empanque
- ⓖⓚ Στυπιοθλίπτης
- ⓓⓕ Asafdichting
- ⓖ Axeltätning
- ⓕⓓ Akselitiiviste
- ⓓⓕ Akseltætning

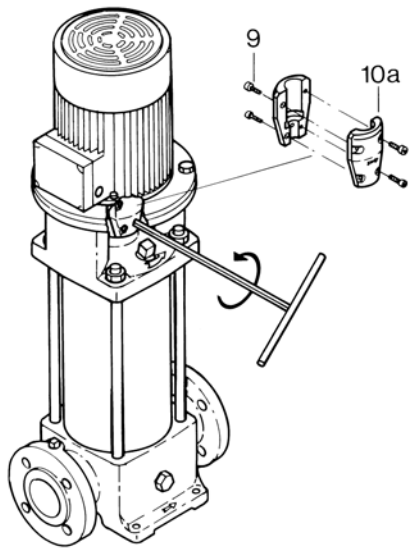


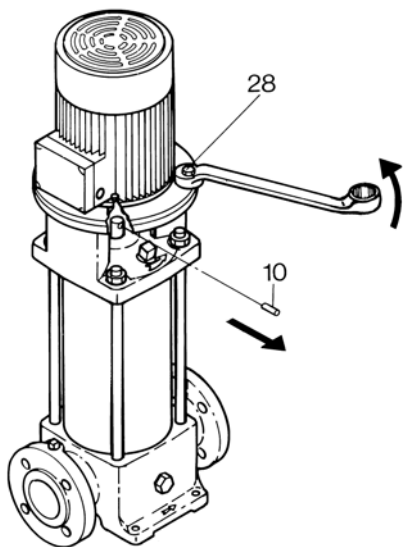
CR 8 CRN 8 CR 16 CRN 16	A	A-A-BUBE F-A-BUBE N-A-BUBE A-V-BUBV F-V-BUBV N-V-BUBV	1
CR 8 CRN 8 CR 16 CRN 16	A	A-A-A F-A-A N-A-A A-V-A F-V-A N-V-A A-A-AUUE F-A-AUUE N-A-AUUE A-V-AUUV F-V-AUUV N-V-AUUV A-J-A A-J-AUUE	2

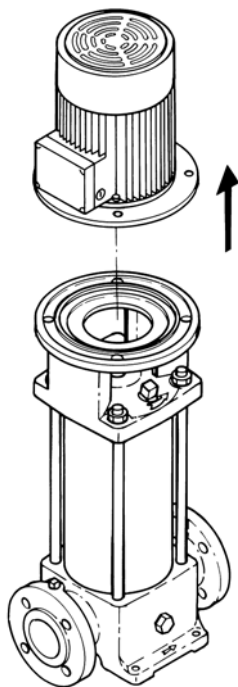


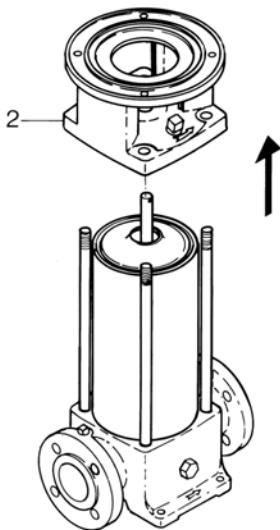
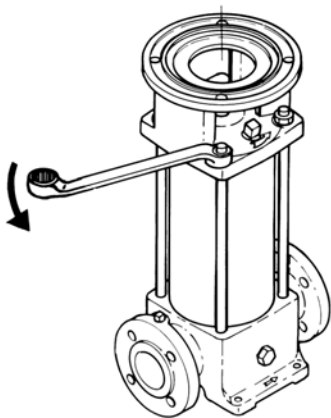
- Ⓒ **GB** Dismantling
- Ⓒ **D** Demontage
- Ⓒ **F** Démontage
- Ⓒ **I** Smontaggio
- Ⓒ **E** Desmontaje
- Ⓒ **P** Desmontagem
- Ⓒ **GR** Αποσυναρμολόγηση
- Ⓒ **NL** Demonderen
- Ⓒ **S** Demontering
- Ⓒ **FIN** Purkaminen
- Ⓒ **DK** Demontering

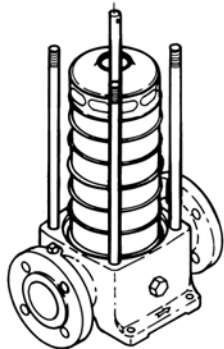
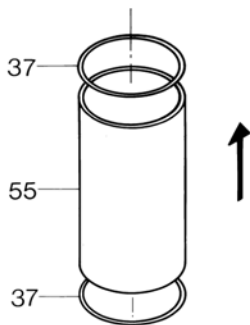
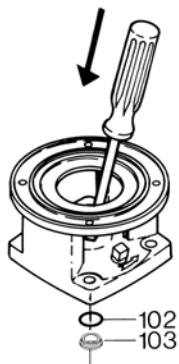




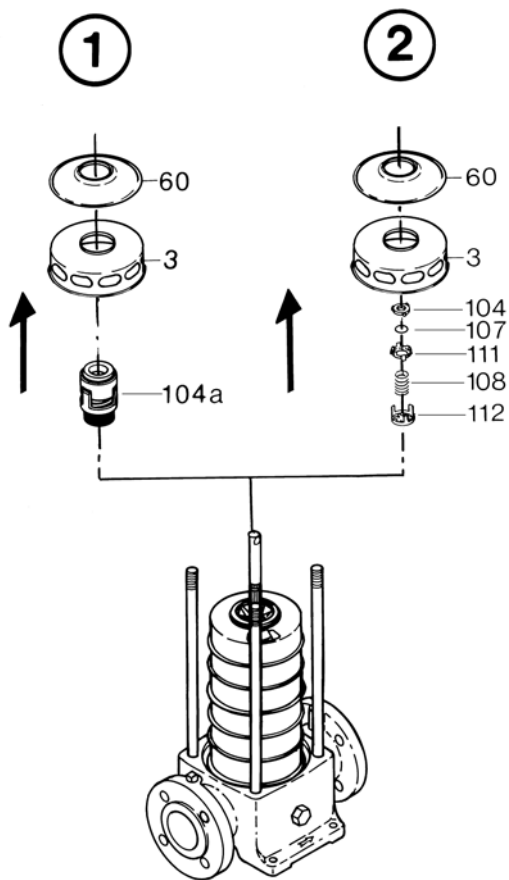




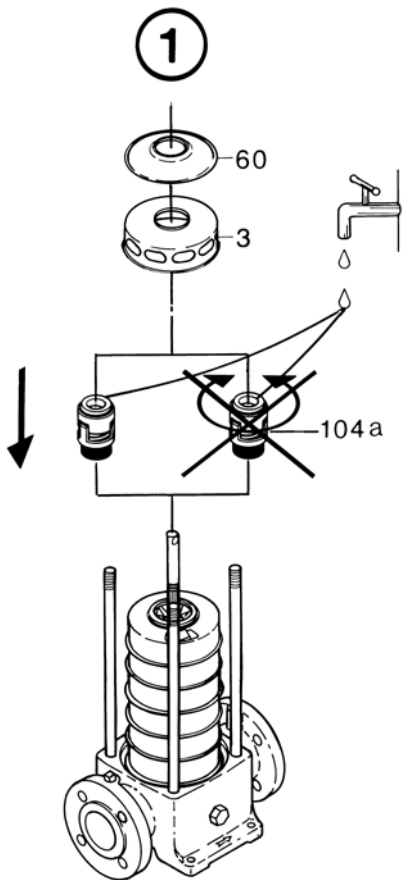


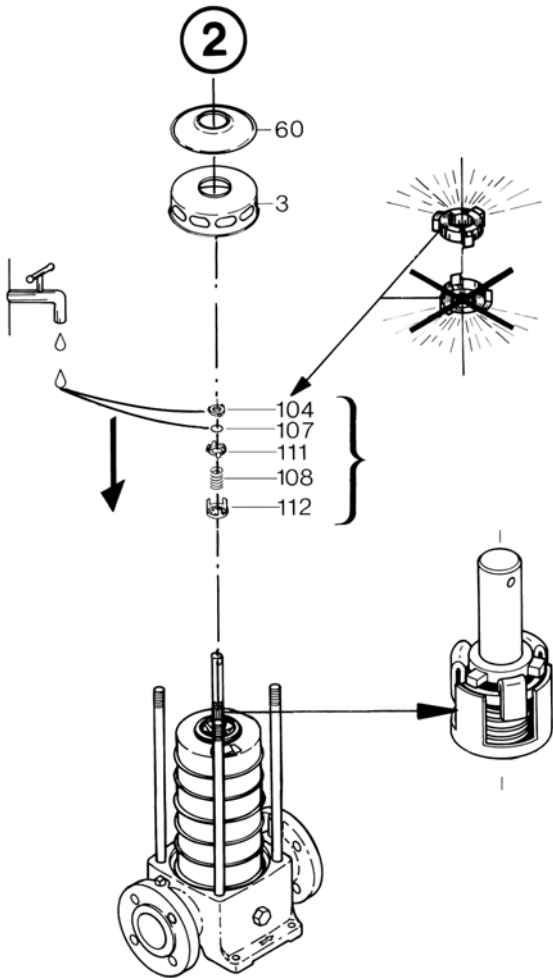


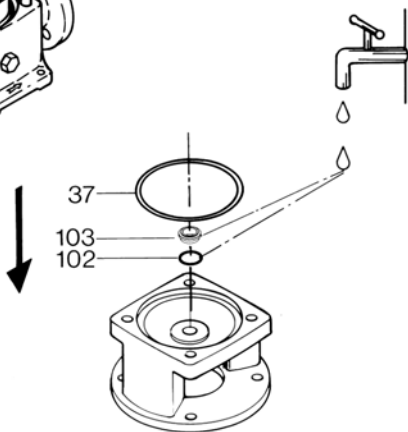
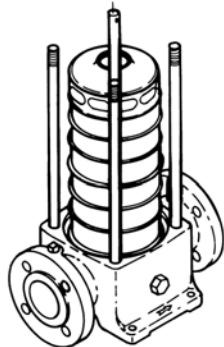
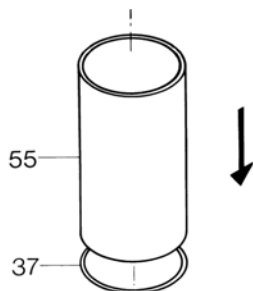


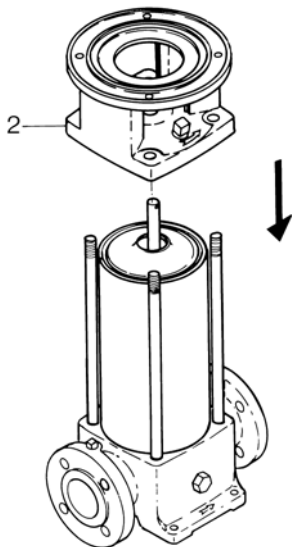


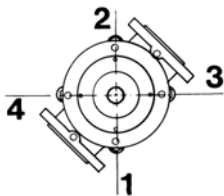
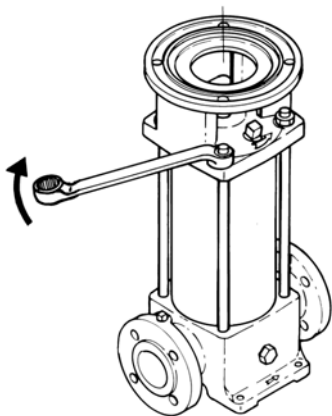
- ⓐ Assembly
- ⓓ Montage
- ⓕ Montage
- ⓓ Montaggio
- ⓔ Montaje
- ⓖ Montagem
- ⓖⓚ Συναρμολόγηση
- ⓓⓕ Assembleren
- ⓖ Montering
- ⓕⓓⓚ Kokoaminen
- ⓓⓕ Montering



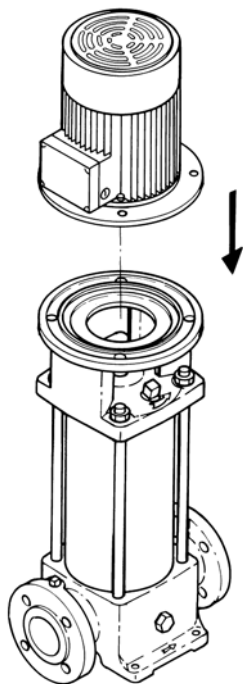


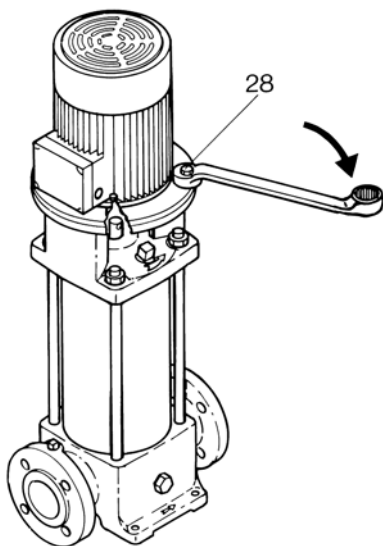




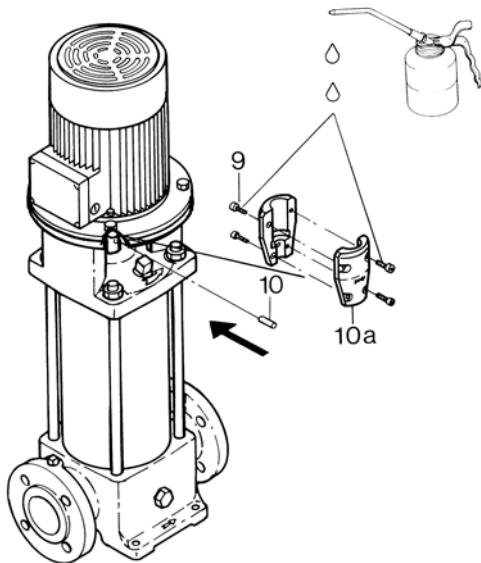


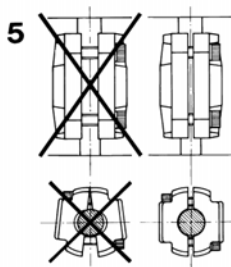
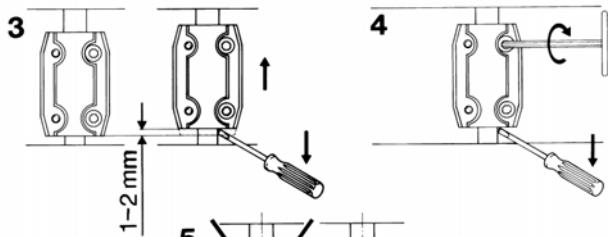
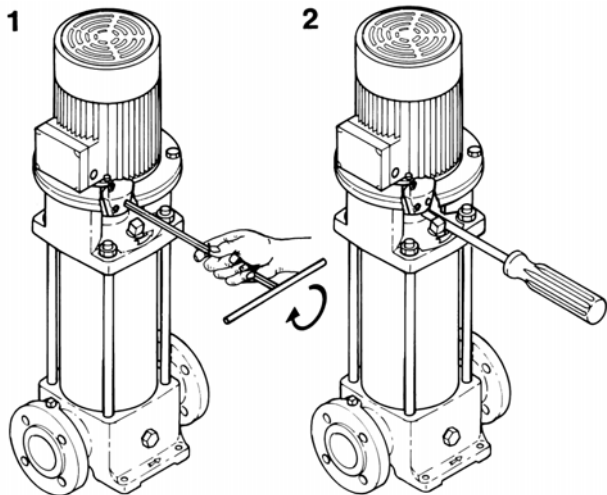
**M 16 100 Nm (10,0 kpm)**  
**M 18 138 Nm (13,8 kpm)**



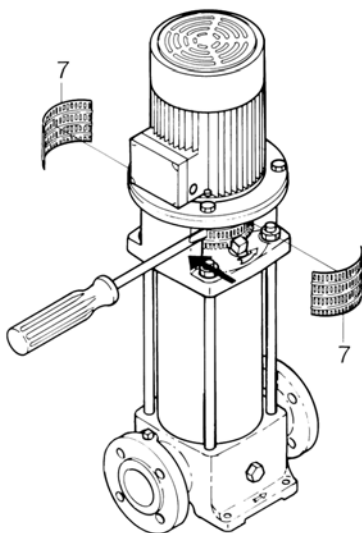
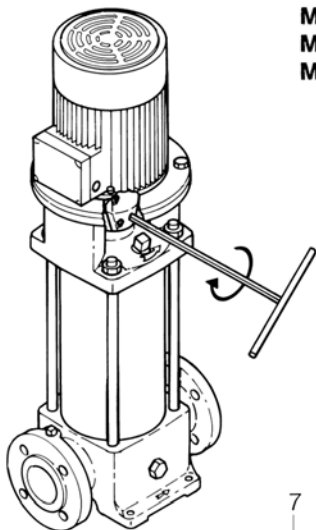








**M 6 13 Nm (1,3 kpm)**  
**M 8 31 Nm (3,1 kpm)**  
**M 10 62 Nm (6,2 kpm)**









**Argentina**

Bombas GRUNDFOS de Argentina S.A.  
Phone: +54-3327 414 444  
Telefax: +54-3327 411 111

**Australia**

GRUNDFOS Pumps Pty. Ltd.  
Phone: +61-8-8461-4611  
Telefax: +61-8-8340 0155

**Austria**

GRUNDFOS Pumpen Vertrieb Ges.m.b.H.  
Tel.: +43-6246-883-0  
Telefax: +43-6246-883-30

**Belgium**

N.V. GRUNDFOS Bellux S.A.  
Tel.: +32-3-870 7300  
Télécoque: +32-3-870 7301

**Belorussia**

Представительство ГРУНДФОС в Минске  
Тел.: (37517) 233 97 65  
Факс: (37517) 233 97 69

**Bosnia/Herzegovina**

GRUNDFOS Sarajevo  
Phone: +387 33 713 290  
Telefax: +387 33 659 079  
e-mail: grundfos@bih.net.ba

**Brazil**

BOMBAS GRUNDFOS DO BRASIL  
Phone: +55-11 4393 5533  
Telefax: +55-11 4343 5015

**Bulgaria**

Grundfos Bulgaria EOOD  
Tel. +359 2 49 22 200  
Fax. +359 2 49 22 201

**Canada**

GRUNDFOS Canada Inc.  
Phone: +1-905 829 9533  
Telefax: +1-905 829 9512

**China**

GRUNDFOS Pumps (Shanghai) Co. Ltd.  
Phone: +86-021-612 252 22  
Telefax: +86-021-612 253 33

**Croatia**

GRUNDFOS CROATIA d.o.o.  
Phone: +385 1 6595 400  
Telefax: +385 1 6595 499

**Czech Republic**

GRUNDFOS s.r.o.  
Phone: +420-585-716 111  
Telefax: +420-585-716 299

**Denmark**

GRUNDFOS DK A/S  
Tif.: +45-87 50 50 50  
E-mail: info\_GDK@grundfos.com  
www.grundfos.com/DK

**Estonia**

GRUNDFOS Pumps Eesti OÜ  
Tel: + 372 606 1690  
Fax: + 372 606 1691

**Finland**

OY GRUNDFOS Pumput AB  
Phone: +358-3066 5650  
Telefax: +358-3066 56550

**France**

Pompes GRUNDFOS Distribution S.A.  
Tél.: +33-4 74 82 15 15  
Télécoque: +33-4 74 94 10 51

**Germany**

GRUNDFOS GMBH  
Tel.: +49-(0) 211 929 69-0  
e-mail: info@grundfos.de  
Service in Deutschland: kundendienst@grundfos.de

**Greece**

GRUNDFOS Hellas A.E.B.E.  
Phone: +0030-210-66 83 400  
Telefax: +0030-210-66 46 273

**Hong Kong**

GRUNDFOS Pumps (Hong Kong) Ltd.  
Phone: +852-27861706/27861741  
Telefax: +852-27858664

**Hungary**

GRUNDFOS Hungária Kft.  
Phone: +36-23 511 110  
Telefax: +36-23 511 111

**India**

GRUNDFOS Pumps India Private Limited  
Phone: +91-44 2496 6800

**Indonesia**

PT GRUNDFOS Pompa  
Phone: +62-21-460 6909  
Telefax: +62-21-460 6910/460 6901

**Ireland**

GRUNDFOS (Ireland) Ltd.  
Phone: +353-1-4089 800  
Telefax: +353-1-4089 830

**Italy**

GRUNDFOS Pompe Italia S.r.l.  
Tel.: +39-02-95838112  
Telefax: +39-02-95309290/95838461

**Japan**

GRUNDFOS Pumps K.K.  
Phone: +81-35-448 1391  
Telefax: +81-35-448 9619

**Korea**

GRUNDFOS Pumps Korea Ltd.  
Phone: +82-2-5317 600  
Telefax: +82-2-5633 725

**Latvia**

SIA GRUNDFOS Pumps Latvia  
Tālr.: + 371 714 9640, 7 149 641  
Fakss: + 371 914 9646

**Lithuania**

GRUNDFOS Pumps UAB  
Tel: + 370 52 395 430  
Fax: + 370 52 395 431

**Malaysia**

GRUNDFOS Pumps Sdn. Bhd.  
Phone: +60-3-5569 2922  
Telefax: +60-3-5569 2866

**México**

Bombas GRUNDFOS de México S.A. de C.V.  
Phone: +52-81-8144 4000  
Telefax: +52-81-8144 4010

**Netherlands**

GRUNDFOS Netherlands Tel.: +31-88-478 6336  
Telefax: +31-88-478 6332

**New Zealand**

GRUNDFOS Pumps NZ Ltd.  
Phone: +64-9-415 3240  
Telefax: +64-9-415 3250

**Norway**

GRUNDFOS Pumper A/S  
Tif.: +47-22 90 47 00  
Telefax: +47-22 32 21 50

**Poland**

GRUNDFOS Pompy Sp. z o.o.  
Tel: (+48-61) 650 13 00  
Fax: (+48-61) 650 13 50

**Portugal**

Bombas GRUNDFOS Portugal, S.A.  
Tel.: +351-21-440 76 00  
Telefax: +351-21-440 76 90

**România**

GRUNDFOS Pompe România SRL  
Phone: +40 21 200 4100  
E-mail: romania@grundfos.ro

**Russia**

ООО Грундфос  
Тел. (+7) 495 737 30 00, 564 88 00  
E-mail: grundfos.moscow@grundfos.com

**Serbia**

GRUNDFOS Predstavništvo Beograd  
Phone: +381 11 26 47 877, 11 26 47 496  
Telefax: +381 11 26 48 340

**Singapore**

GRUNDFOS (Singapore) Pte. Ltd.  
Phone: +65-6865 1222  
Telefax: +65-6861 8402

**Slovenia**

GRUNDFOS d.o.o.  
Phone: +386 1 568 0610  
Telefax: +386 1 568 0619

**South Africa**

GRUNDFOS (PTY) LTD  
Phone: (+27) 11 579 4800  
Fax: (+27) 11 455 6066  
E-mail: lsmart@grundfos.com

**Spain**

Bombas GRUNDFOS España S.A.  
Tel.: +34-91-848 8800  
Telefax: +34-91-628 0465

**Sweden**

GRUNDFOS AB  
Tel.: +46(0)771-32 23 00  
Telefax: +46(0)31-331 94 60

**Switzerland**

GRUNDFOS Pumpen AG  
Tel.: +41-1-806 8111  
Telefax: +41-1-806 8115

**Taiwan**

GRUNDFOS Pumps (Taiwan) Ltd.  
Phone: +886-4-2305 0868  
Telefax: +886-4-2305 0878

**Thailand**

GRUNDFOS (Thailand) Ltd.  
Phone: +66-2-725 8999  
Telefax: +66-2-725 8998

**Turkey**

GRUNDFOS POMPA San. ve Tic. Ltd. Sti.  
Phone: +90 - 262-679 7979  
Telefax: +90 - 262-679 7905  
E-mail: satis@grundfos.com

**Ukraine**

ТОВ ГРУНДФОС УКРАЇНА  
Тел.: (+38 044) 390 40 50  
Факс.: (+38 044) 390 40 59

**United Arab Emirates**

GRUNDFOS Gulf Distribution  
Phone: +971-4- 8815 166  
Telefax: +971-4-8815 136

**United Kingdom**

GRUNDFOS Pumps Ltd.  
Phone: +44-1525-850000  
Telefax: +44-1525-850011

**U.S.A.**

GRUNDFOS Pumps Corporation  
Phone: +1-913-227-3400  
Telefax: +1-913-227-3500

**Uzbekistan**

Представительство ГРУНДФОС в Ташкенте  
Телефон: (3712) 55-68-15  
Факс: (3712) 53-36-35

Addresses revised  
02.06.2010

<b>990295</b> 0311
--------------------

Repl. 990295 1002
-------------------

ECM: 1073927

The name Grundfos, the Grundfos logo, and the payoff Be–Think–Innovate are registered trademarks owned by Grundfos Management A/S or Grundfos A/S, Denmark. All rights reserved worldwide.

---