

Hand Control HB30

Data Sheet



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Introduction



The HB30 hand control is designed for better user experience and ergonomic fit for the hands of caregivers. The compact size ensures one hand operation. The HB30 is especially suitable for patient lifts and other MEDLINE® and CARELINE® applications like couches, tables and chairs for treatment and examination.

The HB30 is available in an analogue version and an OpenBus™ version.

The HB30 hand control provides further benefits in use due to:

- Anti-slip coating on the back to prevent dropping
- Exchangeable cable for long lasting usage
- Essential information about battery state, overload occurrence and service always at hand

Features and options

Hand control for up to 4 actuators

Housing colour: Light grey (RAL7035)

Rubbery material colours: Dark grey (RAL 7037)

Protection class: IPX4, IPX6 or IPX6 Washable DURA™

Number of buttons: Up to 8

Indications: Optional diode for indicating battery charging needed (supported by CBJ1/2)

Optional diodes for battery level (3 stage), service need and overload information (supported by CBJC 1st and 2nd generation)

Front cover: Standard or customised

Cable: Exchangeable

Button type: Easy touch tactile switches

Attach: Via hook or magnet
Option: anti-slip rubber hook

Usage

Usage temperature: 5 °C to 40 °C

Storage temperature: -10 °C to +50 °C

Compatibility: Analogue JUMBO Systems

Analogue JUMBO systems with diode and OpenBus JUMBO versions

All OpenBus control boxes

CAL40, CAL40+ and COL50

See compatibility matrix

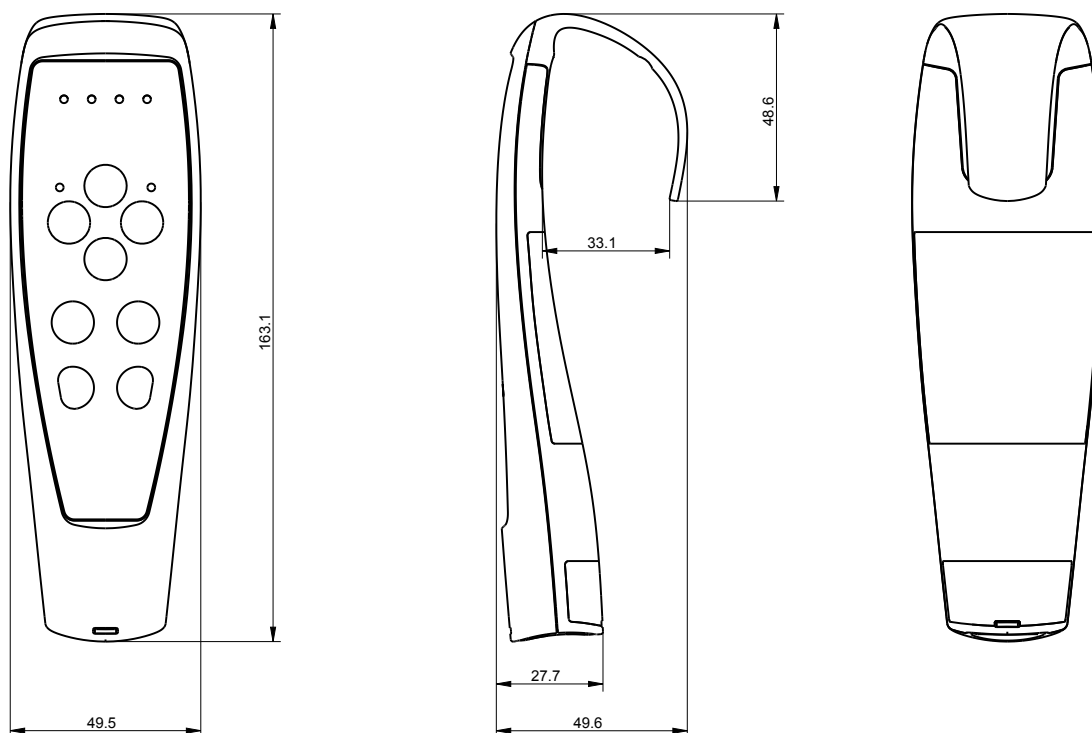
Approvals: IEC60601-1
ANSI/AAMI ES60601-1

CAN/CSA-22.2 No 60601-1

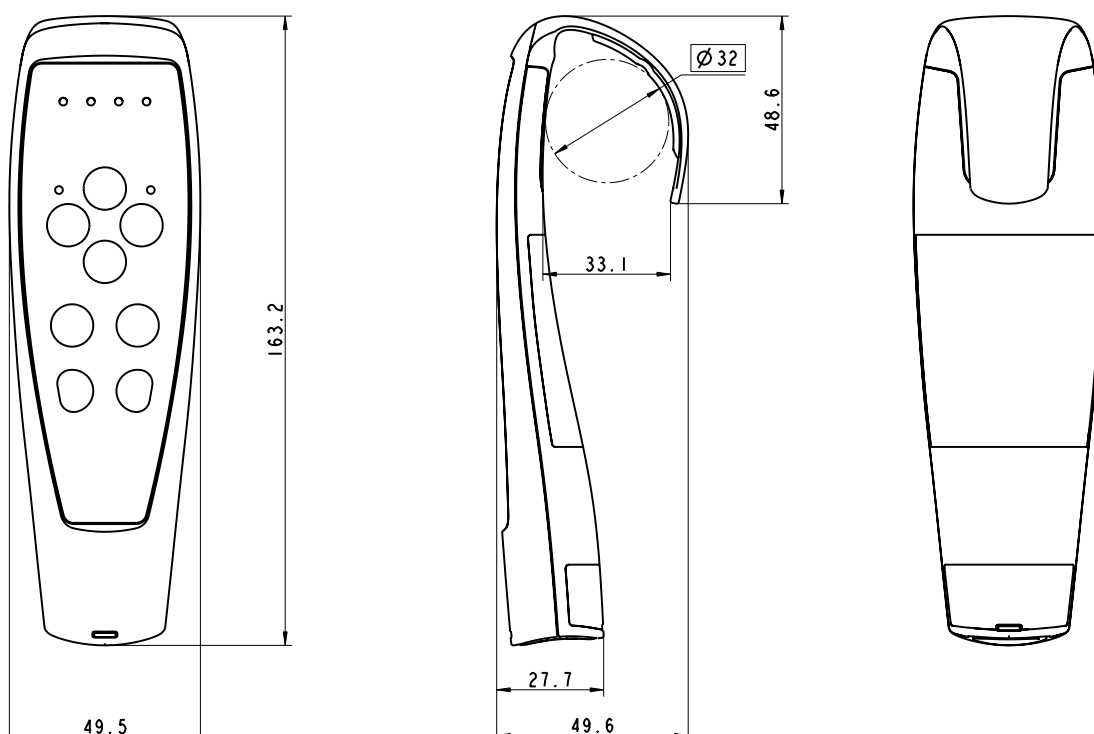
The HB30 has a compact design and therefore it cannot be approved according to EN IEC60601-2-52 (Application Environment 4 for care beds used in Domestic areas (or EN1970)).

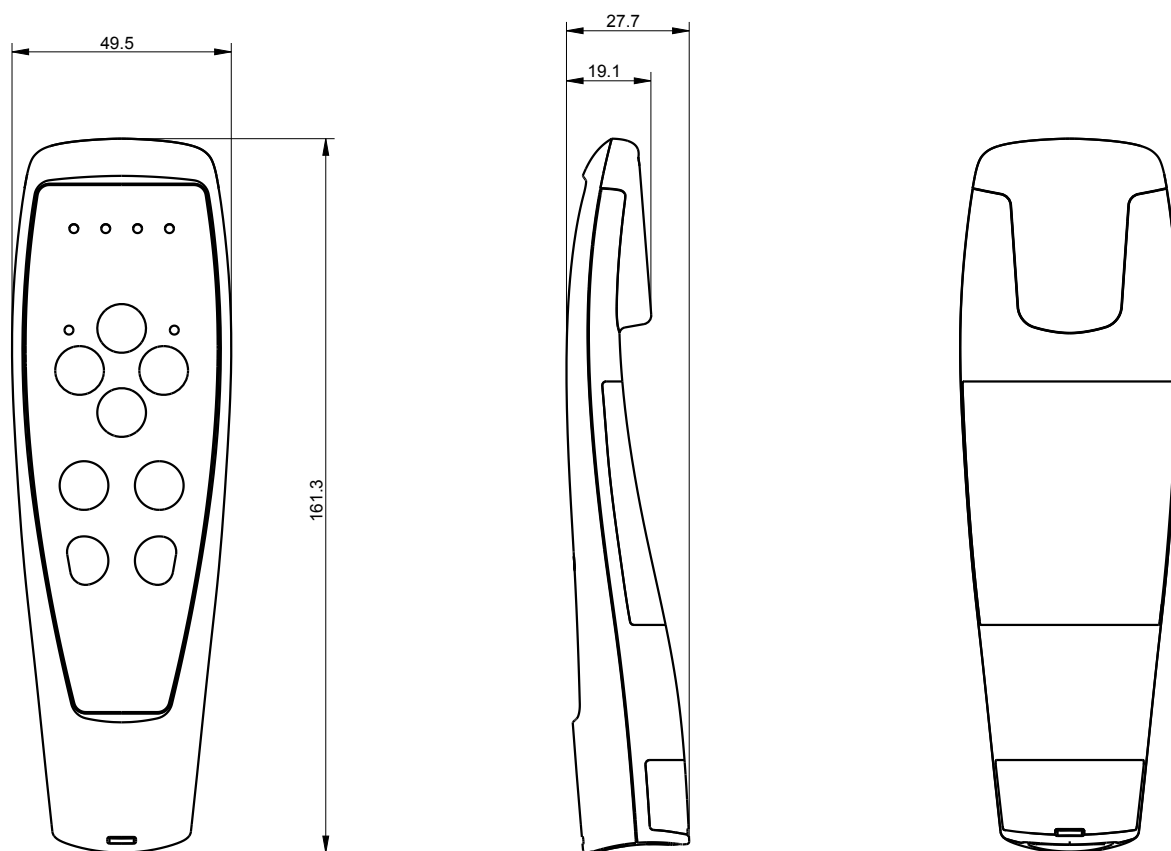
Dimensions

Dimensions (mm) for housing with hook



Dimensions (mm) for housing with anti-slip rubber hook

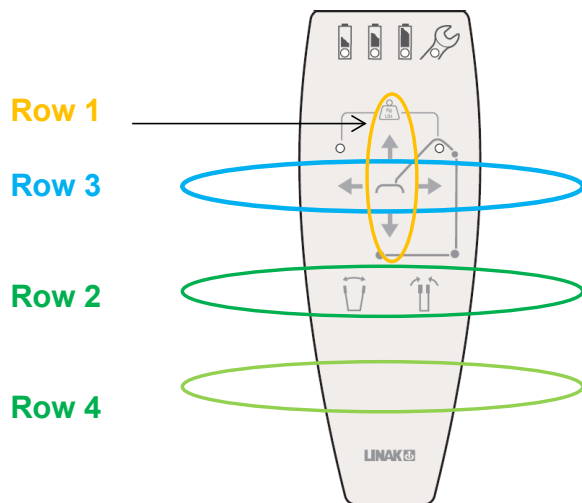


Dimensions (mm) for housing with magnet

Ordering example

H	B	3	20	B	0	0	0	6	-	2	0	0	N	N	N	N	0	0	0		
																				Not used	0 = None
																				Not used	0 = None
																				Not used	0 = None
																				Cable	E = Exchangeable coiled F = Fixed coiled N = None
																				Cable Matr.	1 = PU N = None
																				Cable Type	A = DIN type A, typically for CBJ1 coil 600 mm B = DIN type B, typically for CBJ2 or CBJC analogue coil 600 mm C = DIN type C, typically for CBJC OpenBus™ coil 600 mm D = Modular type D, typically for CBJHome coil 600 mm E = Modular type E, for standard OpenBus systems coil 600 mm F = DIN type F, typically for CBJ1 coil 300 mm G = DIN type G, typically for CBJ2 or CBJC analogue coil 300 mm H = DIN type H, typically for CBJC OpenBus coil 300 mm I = Modular type I, typically for CA30/CA40 J = Modular type E, for standard OpenBus systems and COL50 coil 300 mm K = Modular type E, for standard OpenBus systems and COL50 coil 600 mm (Washable DURA) L = Modular type I, typically for CA30/CA40 (Washable DURA) M = Modular type E, for standard OpenBus systems and COL50 coil 300 mm (Washable DURA) N = None
																				Cable Colour	2 = Grey RAL7035 N = None (If no cable)
																				Housing	0 = Basic (Analogue and diode OpenBus variants)
																				Mounting	0 = Hook 1 = Hook with rubber grip M = Magnetic
																				Colour	2 = Grey RAL7035 -
																				IP-Degree	4 = IPx4 6 = IPx6 W = IPx6 Washable DURA
																				Front Cover Number	The last 3 digits in the front-cover number
																				Front Cover	0 = Standard X = Special
																				Functionality	0x = Analogue systems Lx = Analogue systems with diode Vx = OpenBus versions xx = Special
																				Layout of buttons	10 = 1 row 20 = 2 rows 30 = 3 rows 32 = 3 rows without row #2 40 = 4 rows 41 = 4 rows without row #1 43 = 4 rows without row #3 4A = Row 4 is present but see button layout 4B = Row 4 is present but see button layout 4C = Row 4 is present but see button layout 4D = Row 4 is present but see button layout xx = Special
																				Controls Type	B3 = HB30
																				Controls	H = All hand controls

Layout of buttons



- 10 = 1 row
- 20 = 2 rows
- 30 = 3 rows
- 31 = 3 rows without row #1
- 32 = 3 rows without row #2
- 40 = 4 rows
- 41 = 4 rows without row #1
- 43 = 4 rows without row #3
- 4A = 4 rows without rows #2 and #3
- 4B = 4 rows without rows #1, #2 and #3
- 4C = 4 rows without rows #1 and #3
- 4D = 4 rows without rows #1, #2 and #4
- xx = Special

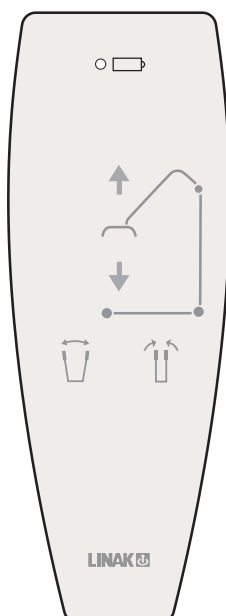
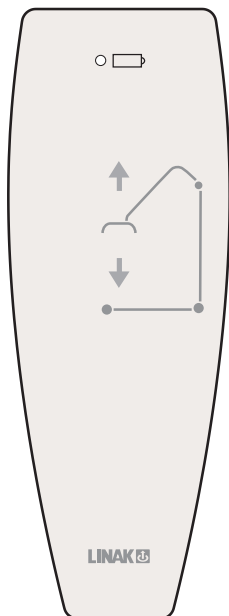
Front cover standards for JUMBO

The last 3 digits in the front cover code are to be used in the ordering example.

HB3X0L0 standard front covers for analogue with diodes

00HB3B101A00

00HB3B201A00



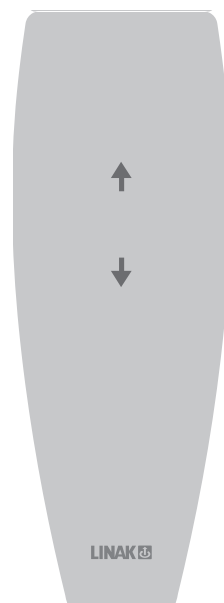
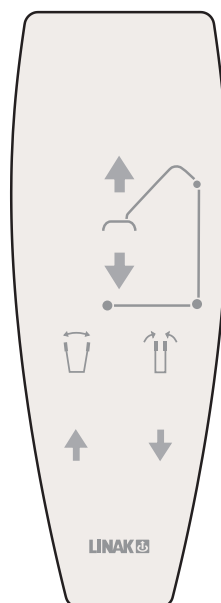
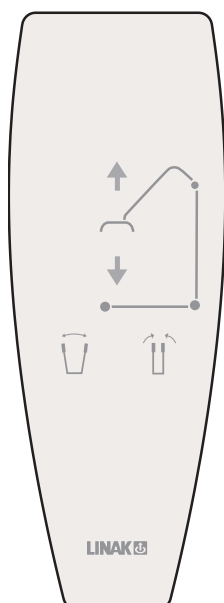
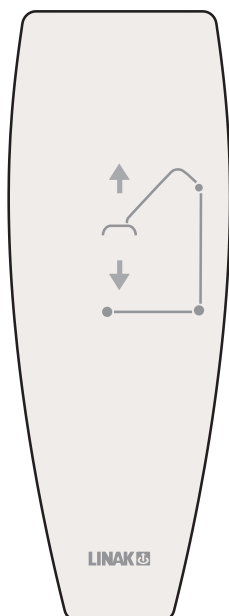
HB3X000 standard front covers for analogue without diodes

00HB3B101B00

00HB3B201B00

00HB3B431B00

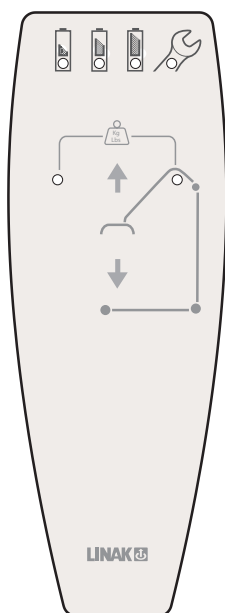
00HB3B101B02



For CBJ1 only

HB3X0VC standard OpenBus™ diode front covers

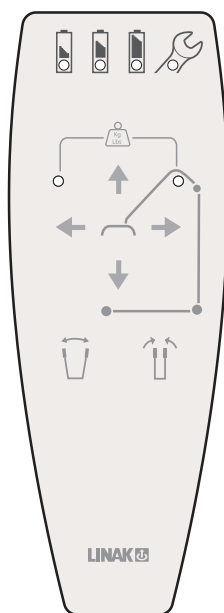
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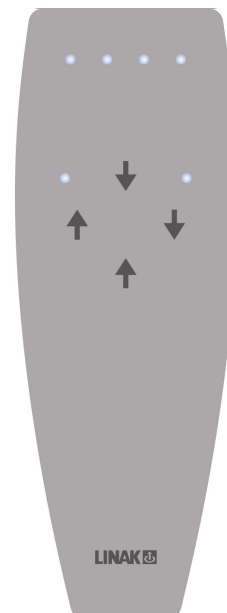
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00HB3B301D00



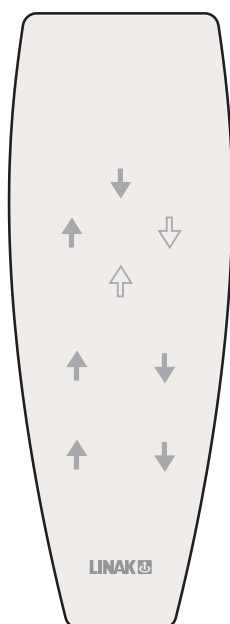
00HB3B321D001



Front cover standards for OpenBus™

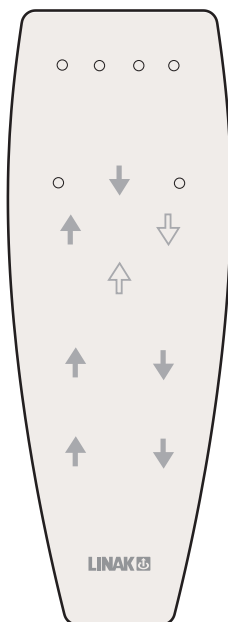
HB3XXV0-1-2 standard
OpenBus front cover
without diodes

00HB3B401E01



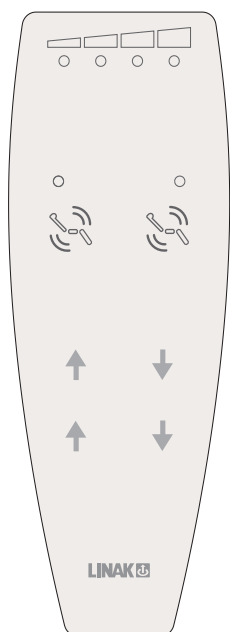
HB3XXVF-G-H standard
OpenBus front cover
with diodes

00HB3B401D01

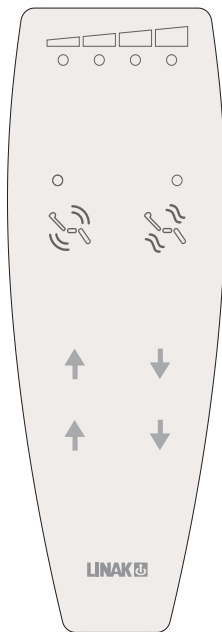


HB3XXVF-G-H standard OpenBus front covers with diodes

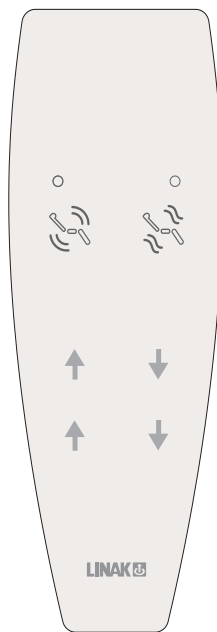
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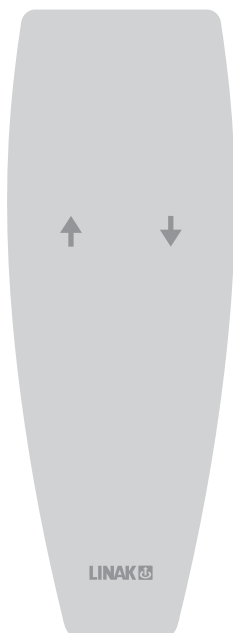
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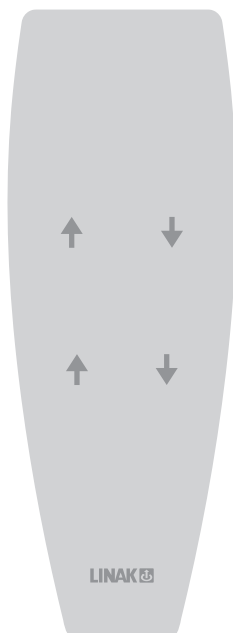
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**Standard analogue CA30/CA40 front covers without diodes**

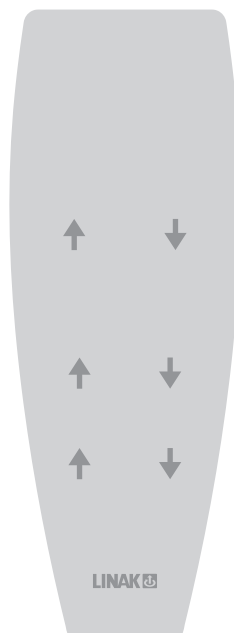
00HB3B4D1B01



00HB3B311B01



00HB3B411B01



Contacts

FACTORIES

Denmark - Headquarters
LINAK A/S
Phone: +45 73 15 15 15
Fax: +45 74 45 80 48
Fax (Sales): +45 73 15 16 13
Web: www.linak.com

China
LINAK (Shenzhen) Actuator Systems, Ltd.
Phone: +86 755 8610 6656
Phone: +86 755 8610 6990
Web: www.linak.cn

Slovakia
LINAK Slovakia s.r.o.
Phone: +421 51 7563 444
Web: www.linak.sk

Thailand
LINAK APAC Ltd.
Phone: +66 33 265 400
Web: www.linak.com

USA
LINAK U.S. Inc.
Americas Headquarters
Phone: +1 502 253 5595
Fax: +1 502 253 5596
Web: www.linak-us.com
www.linak-latinamerica.com

SUBSIDIARIES

Australia
LINAK Australia Pty. Ltd
Phone: +61 3 8796 9777
Fax: +61 3 8796 9778
E-mail: sales@linak.com.au
Web: www.linak.com.au

Austria
LINAK Zweigniederlassung - Österreich (Wien)
Phone: +43 (1) 890 7446
Fax: +43 (1) 890 744615
E-mail: info@linak.de
Web: www.linak.at - www.linak.hu

Belgium
LINAK Actuator-Systems NV/SA
(Belgium & Luxembourg)
Phone: +32 (0)9 230 01 09
E-mail: beinfo@linak.be
Web: www.linak.be - www.fr.linak.be

Brazil
LINAK Do Brasil Comércio De Atuadores Ltda.
Phone: +55 (11) 2832 7070
Fax: +55 (11) 2832 7060
E-mail: info@linak.com.br
Web: www.linak.com.br

Canada
LINAK Canada Inc.
Phone: +1 502 253 5595
Fax: +1 416 255 7720
E-mail: info@linak.ca
Web: www.linak-us.com

Czech Republic
LINAK C&S s.r.o.
Phone: +42 058 174 1814
Fax: +42 058 170 2452
E-mail: info@linak.cz
Web: www.linak.cz - www.linak.sk

Denmark - International
LINAK International
Phone: +45 73 15 15 15
E-mail: info@linak.com
Web: www.linak.com

Denmark - Sales
LINAK Danmark A/S
Phone: +45 86 80 36 11
Fax: +45 86 82 90 51
E-mail: linak@linak-silkeborg.dk
Web: www.linak.dk

Finland
LINAK OY
Phone: +358 10 841 8700
E-mail: linak@linak.fi
Web: www.linak.fi

France
LINAK France E.U.R.L
Phone: +33 (0) 2 41 36 34 34
Fax: +33 (0) 2 41 36 35 00
E-mail: linak@linak.fr
Web: www.linak.fr

Germany
LINAK GmbH
Phone: +49 6043 9655 0
Fax: +49 6043 9655 60
E-mail: info@linak.de
Web: www.linak.de

India
LINAK A/S India Liaison Office
Phone: +91 120 4531797
Fax: +91 120 4786428
E-mail: info@linak.in
Web: www.linak.in

Ireland
LINAK UK Limited (Ireland)
Phone: +44 (0)121 544 2211
Fax: +44 (0)121 544 2552
+44 (0)796 855 1606 (UK Mobile)
+35 387 634 6554 (Rep.of Ireland Mobile)
E-mail: sales@linak.co.uk
Web: www.linak.co.uk

Italy
LINAK ITALIA S.r.l.
Phone: +39 02 48 46 33 66
Fax: +39 02 48 46 82 52
E-mail: info@linak.it
Web: www.linak.it

Japan
LINAK K.K.
Phone: 81-45-533-0802
Fax: 81-45-533-0803
E-mail: linak@linak.jp
Web: www.linak.jp

Malaysia
LINAK Actuators Sdn. Bhd.
Phone: +60 4 210 6500
Fax: +60 4 226 8901
E-mail: info@linak-asia.com
Web: www.linak.my

Netherlands
LINAK Actuator-Systems B.V.
Phone: +31 76 5 42 44 40 /
+31 76 200 11 10
E-mail: info@linak.nl
Web: www.linak.nl

New Zealand
LINAK New Zealand Ltd
Phone: +64 9580 2071
Fax: +64 9580 2072
E-mail: nzsales@linak.com.au
Web: www.linak.com.au

Norway
LINAK Norge AS
Phone: +47 32 82 90 90
E-mail: info@linak.no
Web: www.linak.no

Poland
LINAK Polska
LINAK Danmark A/S (Spółka Akcyjna)
Phone: +48 22 295 09 70 /
+48 22 295 09 71
E-mail: info@linak.pl
Web: www.linak.pl

Republic of Korea
LINAK Korea Ltd.
Phone: +82 2 6231 1515
Fax: +82 2 6231 1516
E-mail: info@linak.kr
Web: www.linak.kr

Slovakia
LINAK Slovakia S.R.O.
Phone: +421 51 7563 444
Web: www.linak.sk

Spain
LINAK Actuadores, S.L.u
Phone: +34 93 588 27 77
Fax: +34 93 588 27 85
E-mail: esma@linak.es
Web: www.linak.es

Sweden
LINAK Scandinavia AB
Phone: +46 8 732 20 00
Fax: +46 8 732 20 50
E-mail: info@linak.se
Web: www.linak.se

Switzerland
LINAK AG
Phone: +41 43 388 31 88
Fax: +41 43 388 31 87
E-mail: info@linak.ch
Web: www.linak.ch - www.fr.linak.ch
www.it.linak.ch

Taiwan
LINAK (Shenzhen) Actuator systems Ltd.
Taiwan Representative office
Phone: +886 2 272 90068
Fax: +886 2 272 90096
E-mail: sales@linak.com.tw
Web: www.linak.com.tw

Turkey
LINAK İth. İhr. San. ve Tic. A.Ş.
Phone: +90 312 4726338
Fax: +90 312 4726635
E-mail: info@linak.com.tr
Web: www.linak.com.tr

United Kingdom
LINAK UK Limited
Phone: +44 (0)121 544 2211
Fax: +44 (0)121 544 2552
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Web: www.linak.co.uk

DISTRIBUTORS

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India
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E-mail: bala@mechatronicscontrol.com
Web: www.mechatronicscontrol.com

Indonesia
PT. Himalaya Everest Jaya
Phone: +6 221 544 8956 /+6 221 544 8965
Fax: +6 221 619 1925
Fax (Sales): +6 221 619 4658
E-mail: hejplastic-div@centrin.net.id
Web: www.hej.co.id

Israel
NetivTech LTD
Phone: +972 55-2266-535
Fax: +972 2-9900-560
Email: info@NetivTech.com
Web: www.netivtech.com

Singapore
Servo Dynamics Pte Ltd
Phone: +65 6844 0288
Fax: +65 6844 0070
E-mail: servodynamics@servo.com.sg

South Africa
Industrial Specialised Applications CC
Phone: +27 011 466 0346
E-mail: gartht@isagroup.co.za
Web: www.isaza.co.za

United Arab Emirates
Mechatronics
Phone: +971 4 267 4311
Fax: +971 4 267 4312
E-mail: mechtron@emirates.net.ae

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