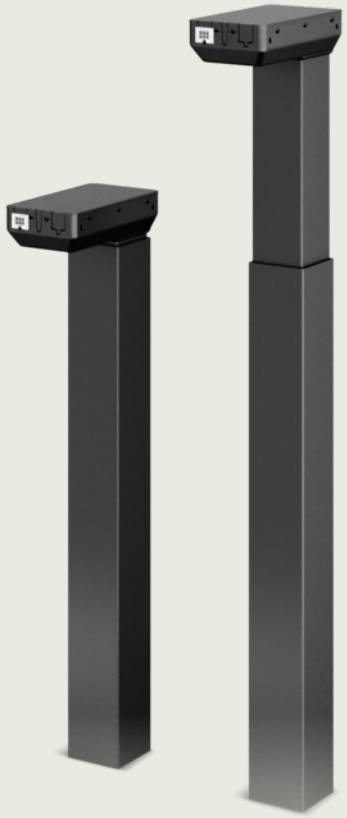
DL18 EXPERIENCE™
Data Sheet



LINAK®
WE IMPROVE YOUR LIFE



The DL18 EXPERIENCE™ column is part of a whole new generation of lifting columns, raising the bar for electrically height-adjustable desks with true LINAK innovation. On the outside the DL18 EXPERIENCE looks like a classic DL18 PLUS™ column. The real innovation has happened on the inside.

The EXPERIENCE columns are the first 2-part LINAK columns that feature fast 80 mm/s speed. Furthermore, the DL18 EXPERIENCE feature 800 N load per column, and a self-lock of 1200 N as standard. These three features could previously not coexist in one system. Together with a well-rounded pleasant sound, these features make DL18 EXPERIENCE push the boundaries of what is standard and raise the bar for performance.

Additionally, the 70 x 70 mm square 2-part column is both PVC and PFAS-free addressing the increasing focus on materials and, on top of that, it uses 30% less power while driving than its predecessor, despite the increase in performance. Our standard Control Box CBD6S features ZERO™ ensuring that the system uses less than 0.1 W in standby. Compatibility with DESKLINE® desk panels and all accessories ensures that the integration of DL18 EXPERIENCE is just Plug & Play™. Simply put, EXPERIENCE is engineered to perform and built to last without any sacrifices or compromises making it a perfect choice for office desks and similar desk applications.

Features/Options/Compatibility/Usage

Features

- Two-part motor-housing column
- PLUS™: Invisible gliding pads and a smooth outer profile with no punch marks
- In combination with CBD6S:

Parameter	With CBD6S
Max. speed (unloaded)	80 mm/s
Max. load (per column)	800 N
Self-lock (per column)	1200 N

- Installation dimension: 645 mm
- Stroke length: 500 mm
- Weight: Approximately 6.6 kg per column
- Dimensions column: 70 x 70 mm (see also Dimension drawings).
- Dimension motor housing: 177 x 97 x 46 mm
- Four M6 and two M8 threaded holes in bottom plate for mounting of feet
- Colour: Available in black (RAL 9005), grey (RAL 9006) or white (RAL 9016)
- Low sound level

Options

- Trim ring in black, grey or white
- Available with bench bracket, see Dimension drawings
- Available with custom brackets
- Custom colours
- Available as DESKLIFT™ EXPERIENCE SetPack

Compatibility

- DESKLINE® control boxes
- DESKLINE® controls
- Kick & Click™ top frame
- Desk Frame 5 top frame
- DESKLIFT™ Feet

EXPERIENCE™ columns are compatible with DESKLINE® control boxes with SW03002024 (ver. 1.06 or later) or SW03002026 (ver 1.15 or later).

Usage

- Single or 2, 3 or 4 parallel drive
- Duty cycle:
  Load ≤ 600 N: 10% ≈ max. 60 seconds continuous use, followed by 540 seconds pause
  Load > 600 N: 5% ≈ max. 30 seconds continuous use, followed by 570 seconds pause
- For indoor use in dry locations

Parameter	Operation	Storage and transportation
Temperature	10 to 40 °C	-10 to +50 °C
Relative humidity	20% to 80% - non-condensing	20% to 80% - non-condensing
Atmospheric pressure	800 to 1060 hPa	700 to 1060 hPa
Altitude	Max. 2000 m	N/A

Duty cycle:
If you plan to perform lifetime tests on LINAK systems, please contact LINAK for guidelines.

For system compliance, please refer to the Declaration of Conformity in the User Manual and the CBD6S Data Sheet.

Ordering

Bulk

	DL18	
MOTOR TYPE	F	**F** = EXPERIENCE Motor
SPINDLE PITCH	30	**30** = 30 mm pitch
OPTION	0	**0** = Standard
OPTION	0	**0** = Standard
COLOUR	B001	**A120** = Grey (RAL 9006) **B001** = Black (RAL 9005) **D022** = White (RAL 9016)
TRIM RING	0	**0** = None **A** = Grey **B** = Black **D** = White
BRACKET	0	**0** = None **1** = 120 x 40 x 8 mm (with 2 x M8) **L** = Bench bracket on left side **R** = Bench bracket on right side **V** = DESKLINE bench bracket on left side * **H** = DESKLINE bench bracket on right side *
DESIGN	P	**P** = PLUS serie
OPTION	0	**0** = Standard
OPTION	0	**0** = Standard
OPTION	0	**0** = Standard
OPTION	0	**0** = Standard
OPTION	0	**0** = Standard
OPTION	0	**0** = Standard
STROKE LENGTH	0500	**0500** = 500 mm
INSTALLATION DIM.	645	**645** = 645 mm

DL18F3000B00100P0000000500645

* *Columns with DESKLINE bench bracket (H / V) are compatible with the LINAK cross member set for a complete bench solution. Cross members sets, cable trays, and bridges must be ordered separately.*

Please also refer to the DESKLINE bench accessories Data Sheet.

All cables for creating a fully connected DESKLINE® system must be ordered separately.
We offer a range of different versions and lengths. To get information such as ordering number, and colour and length of the cables, please contact your local LINAK.

SetPack

The EXPERIENCE columns are available as set-packed solutions comprising 2 columns, a control box, mains and motor cables, and a control. For combination options, please refer to the overview below.

As the set-packed EXPERIENCE columns cannot be ordered via eCon, please issue a system specification.

	DLS		
DESK TYPE	**6**	6 = 2 PLUS legs	
COLUMN TYPE	**DL18**	DL18 = DL18	
PITCH	**2**	2 = EXPERIENCE - 30 mm pitch	
MOTOR TYPE	**F**	F = EXPERIENCE	G = EXPERIENCE + DS1
COLOUR	**B**	A = Grey (RAL 9006) D = White (RAL 9016)	B = Black (RAL 9005)
BRACKET	**0**	0 = No bracket 2 = Bench L+R	1 = Standard (120 x 40 x 8 mm) 3 = Bench V+H *
STROKE LENGTH	**500**	500 = 500 mm	
INSTALLATION DIM.	**645**	645 = 645 mm	
CONTROL BOX	**A**	A = CBD6S, 200 W, EU 0 = None	B = CBD6S, 200 W, US
MAINS CABLE	**AA**	AA = EU, 2.0 m ** AC = US, 3.2 m AE = EU, 3.2 m AH = KOR, 3.2 m AJ = JP, 3.2 m	AB = UK, 3.2 m AD = CH, 3.2 m AG = US, 3.2 m ** AI = EU, 3.2 m **
OPTION	**0**	0 = Standard	
MOTOR CABLE	**A**	A = 1000 mm C = 2000 mm E = 0500 mm	B = 1550 mm D = 2500 mm F = 0800 mm
DESK PANEL	**AA**	A0 = No desk panel AB = DPB AD = DPG1K AF = DPG1M, Limited version AH = DPG1B, Limited version AJ = DPG1C, Full version, cm AL = DPG1C, Limited version, inch AN = DPF1M AP = DPF1D, inch AR = DPF1C, inch AT = DPF1C with sensor, inch AV = DPF1D with sensor, inch AY = DPI1C, cm	AA = DPA AC = DPF1K with sensor AE = DPG1M, Full version AG = DPG1B, Full version AI = DPG1C, Full version, inch AK = DPF1K AM = DPG1C, Limited version, cm AO = DPF1D, cm AQ = DPF1C, cm AS = DPF1C with sensor, cm AU = DPF1D with sensor, cm AX = DPI1C, inch AZ = DPI1K
DPF BRACKET	**0**	0 = No bracket	B = 90°
MOUNTING KIT	**0**	0 = No mounting kit	1 = Mounting kit (screws for all DPs)
TRIM RINGS	**0**	0 = None B = Black	A = Grey D = White

DLS6DL182FB0500645AAA0AAA000

* *Columns with DESKLINE bench bracket (H / V) are compatible with the LINAK cross member set for a complete bench solution. Cross members sets, cable trays, and bridges must be ordered separately.*

Please also refer to the DESKLINE bench accessories Data Sheet.

** *PVC free cables*

Technical data

Performance curves

The following data is measured in connection with 2 or 3 lifting columns and control box CBD6S. The desk is driving upwards.

The curves below apply to a centrally placed load. With moment load, there will be increased friction in the columns, which will reduce the lifting force correspondingly.

EXPERIENCE columns (800 N; 30 mm spindle)

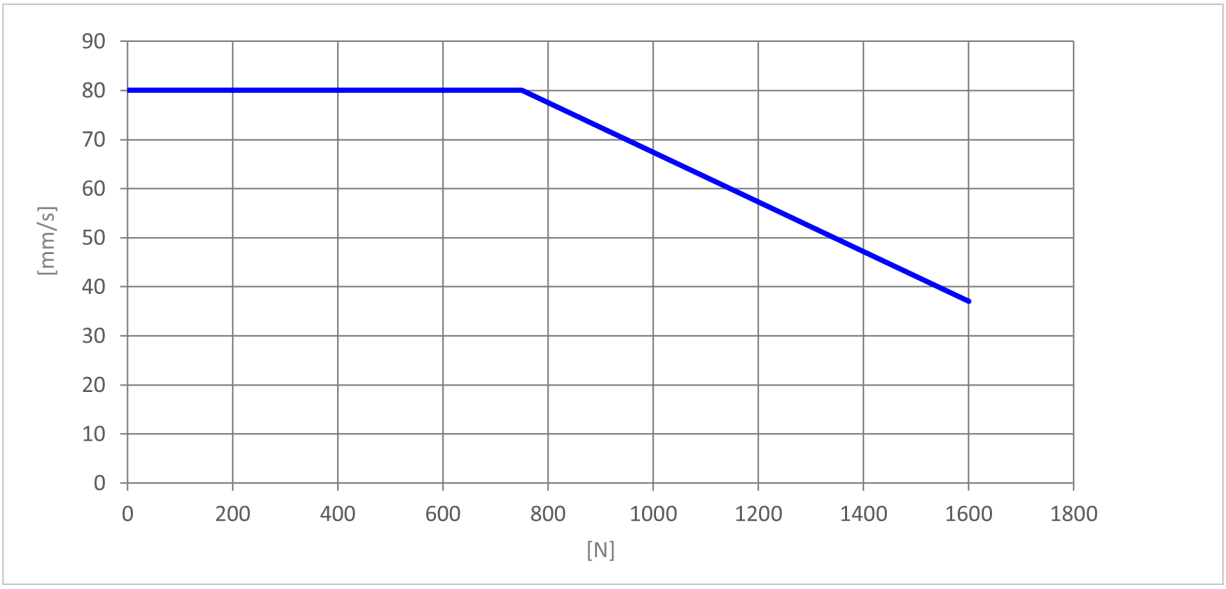


Figure 1 Two columns (equally loaded) - typical speed with CBD6S (230 V) 200 W

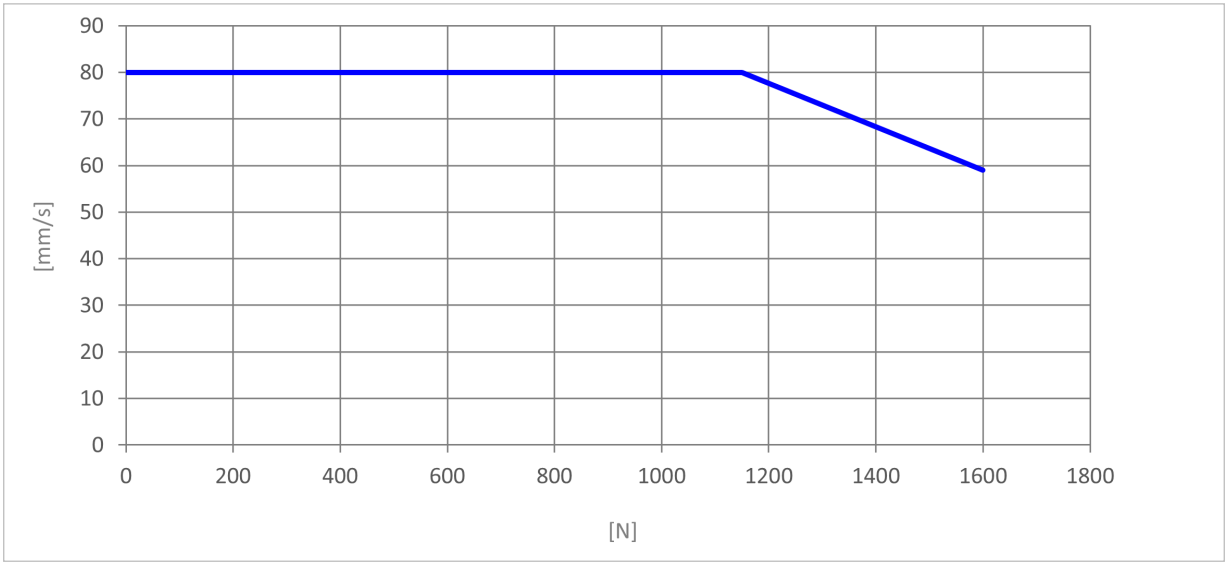


Figure 2 Two columns (equally loaded) - typical speed with CBD6S (230 V) 300 W

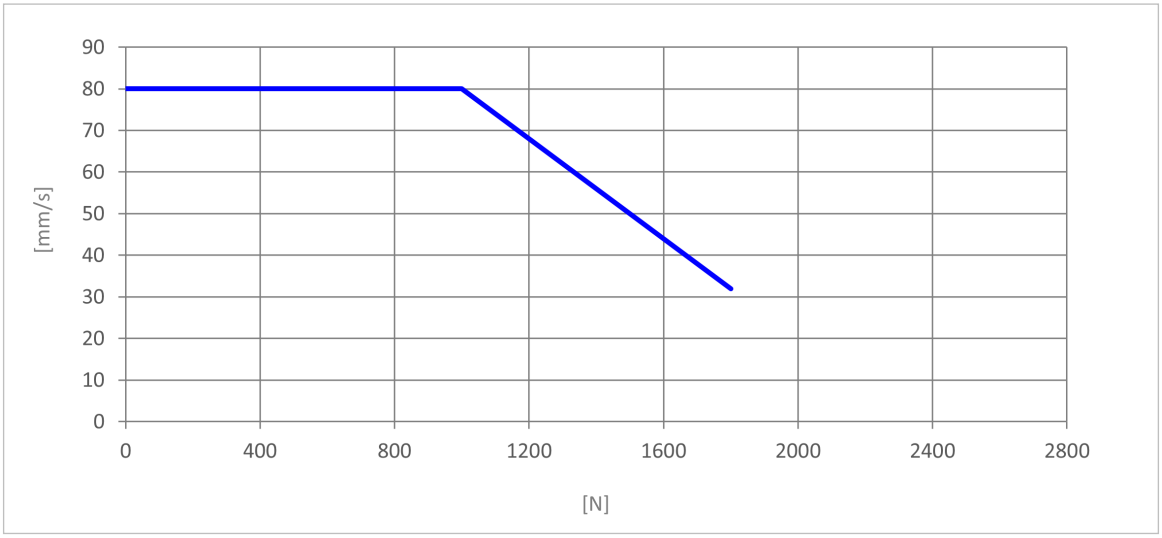
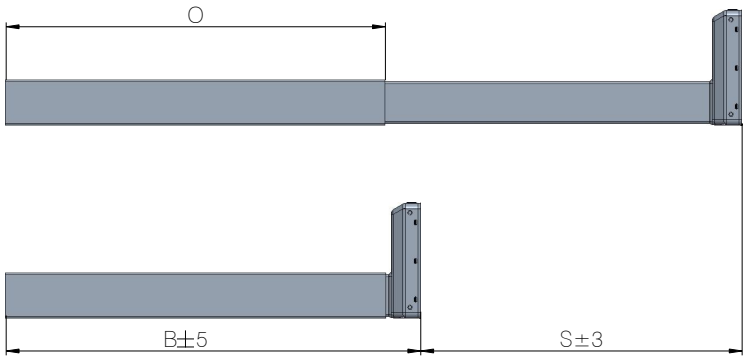


Figure 3 Three columns (equally loaded) - typical speed with CBD6S (230 V) 300 W

Dimension drawings

All dimensions are in mm.

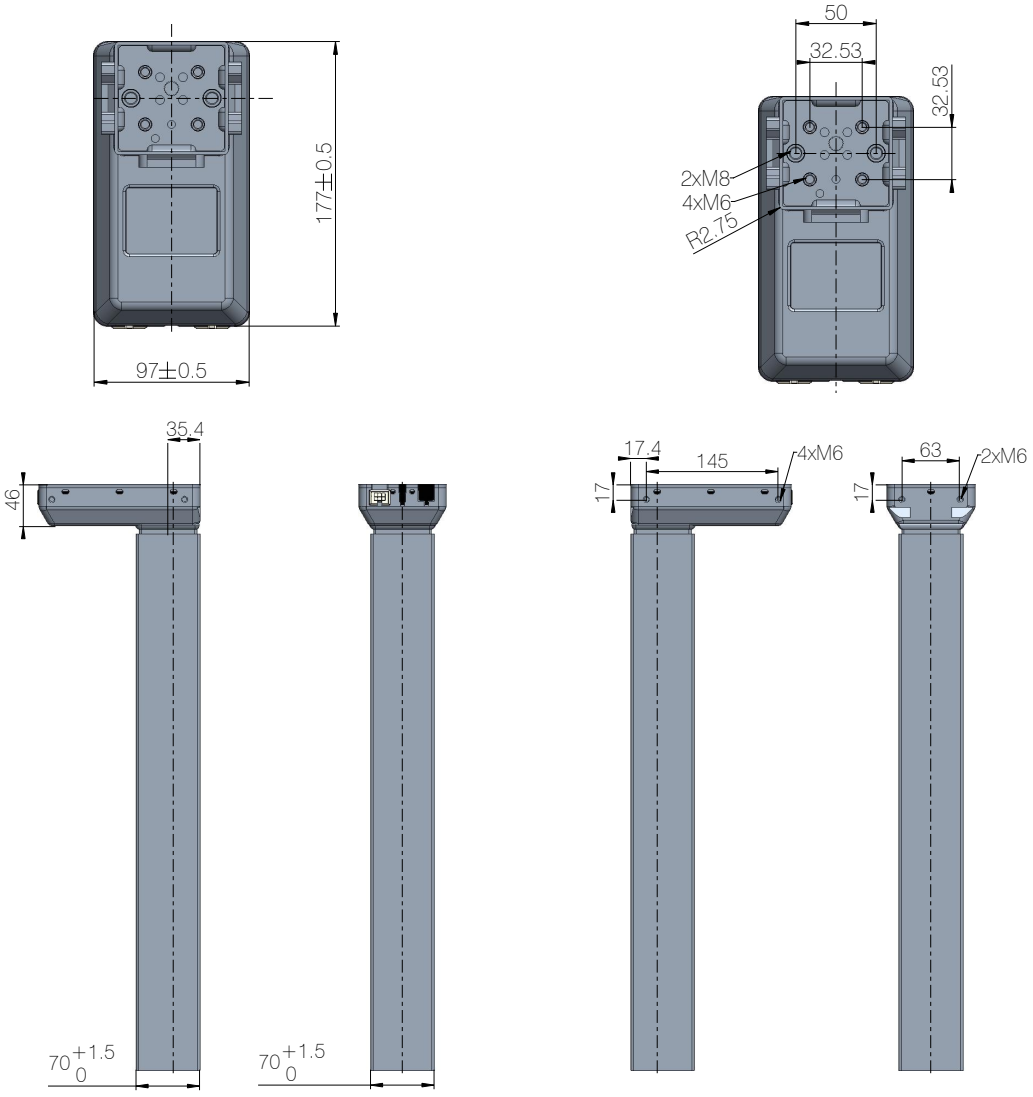
Columns



Drawing no. 1029W7903

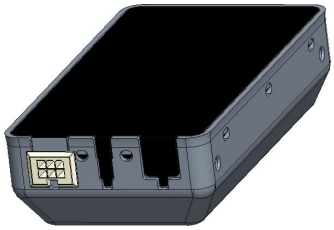
Version	Combination code	S (Stroke length)	B (Built-in length)	O (Outer profile length)
Standard	DL18FXXXXXXXXXXXXXXXXX0500645	500	645	590

Figure 4 Built-in length, stroke length, and outer profile length



Drawing no. 1029W7903

Figure 5 Motor housing, bottom plate, and profile

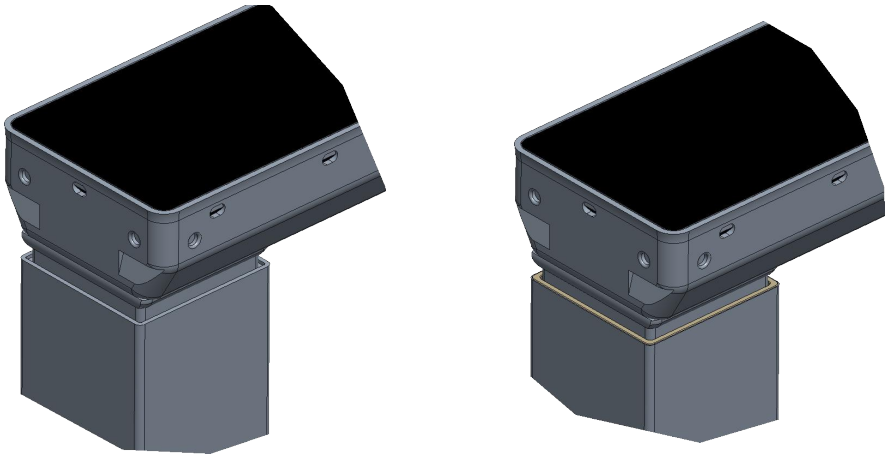


Standard

Drawing no. 1029W7903

Combination code	Type
DL18Fxxxxxxxxxxxxxxxxxxxxxxxx	Standard

Figure 6 Socket combination



Without trim ring

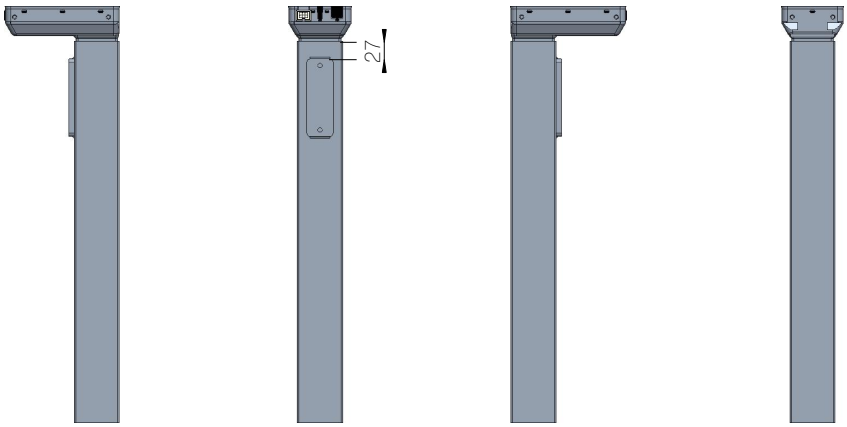
With trim ring

Drawing no. 1029W7903

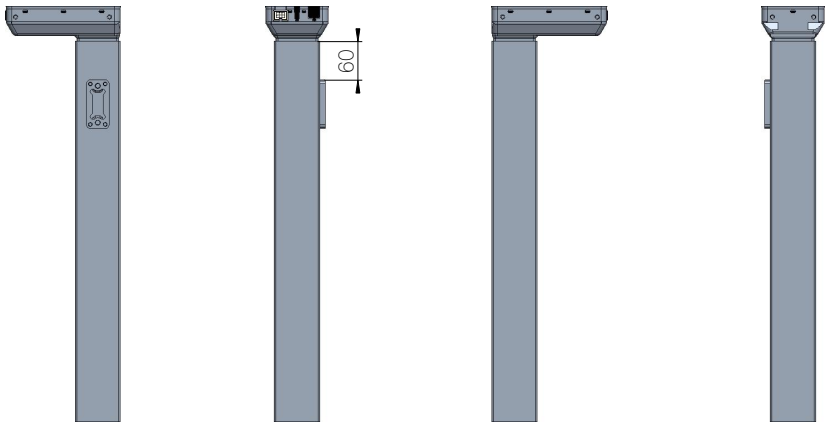
Figure 7 Design

Bracket options

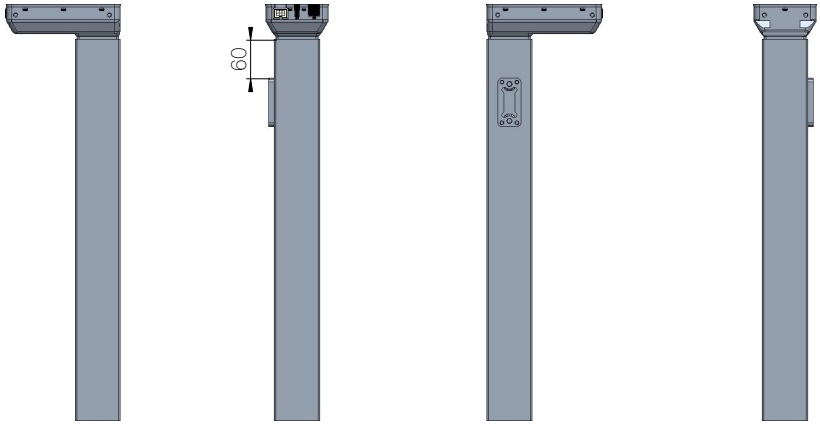
Standard



Bench left



Bench right

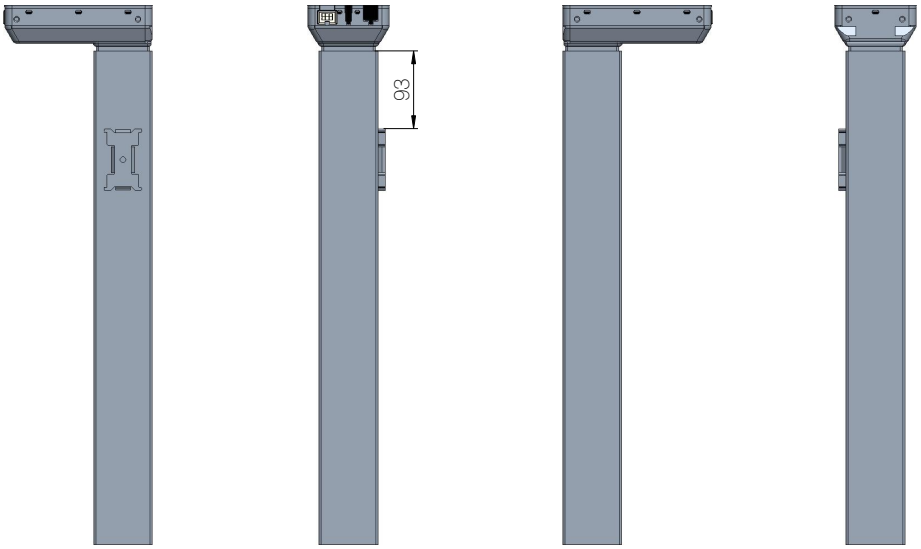


Drawing no. 1029W7903

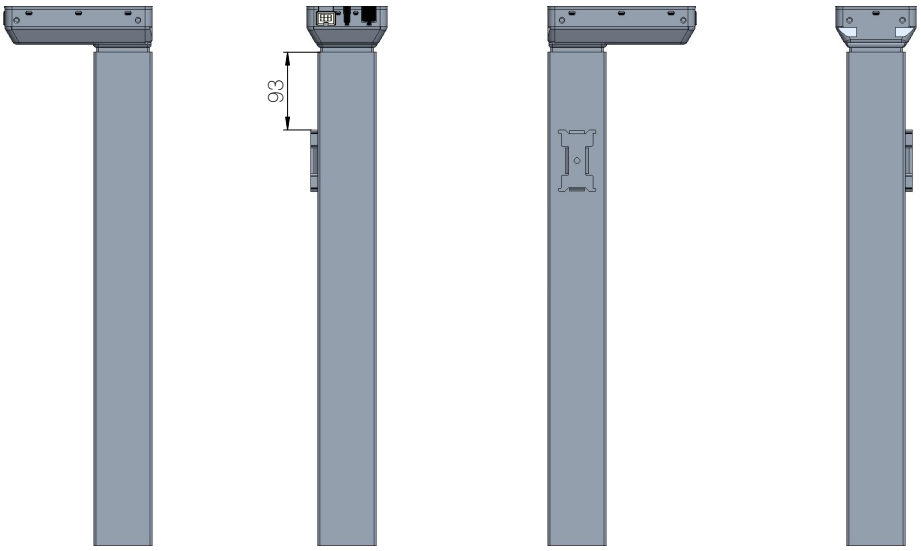
Combination code	Std bracket	Bench left	Bench right
DL18Fxxxxxxxxx1xxxxxxxxxxxxx	X		
DL18FxxxxxxxxxLxxxxxxxxxxxxx		X	
DL18FxxxxxxxxxRxxxxxxxxxxxxx			X

Figure 8 Bracket options (types standard, L, and R)

DESKLINE bench left



DESKLINE bench right

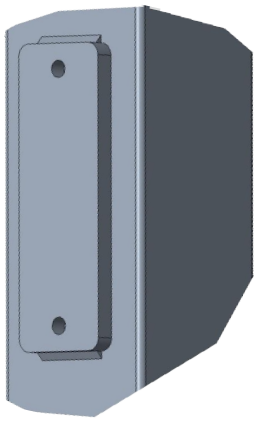


Drawing no. 1029W7903

Combination code	DESKLINE bench left	DESKLINE bench right
DL18FxxxxxxxxxVxxxxxxxxxxxxxx	X	
DL18FxxxxxxxxxHxxxxxxxxxxxxxx		X

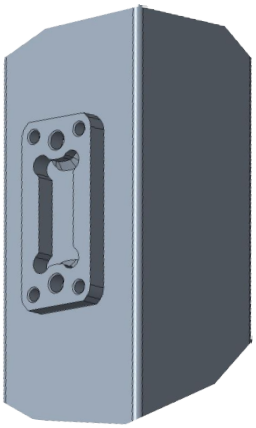
Figure 9 Bench bracket options (types V and H) - compatible with LINAK cross members

Brackets



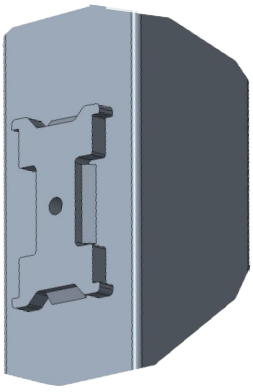
Drawing no. 1029W7903

Figure 11 Standard bracket



Drawing no. 1029W7903

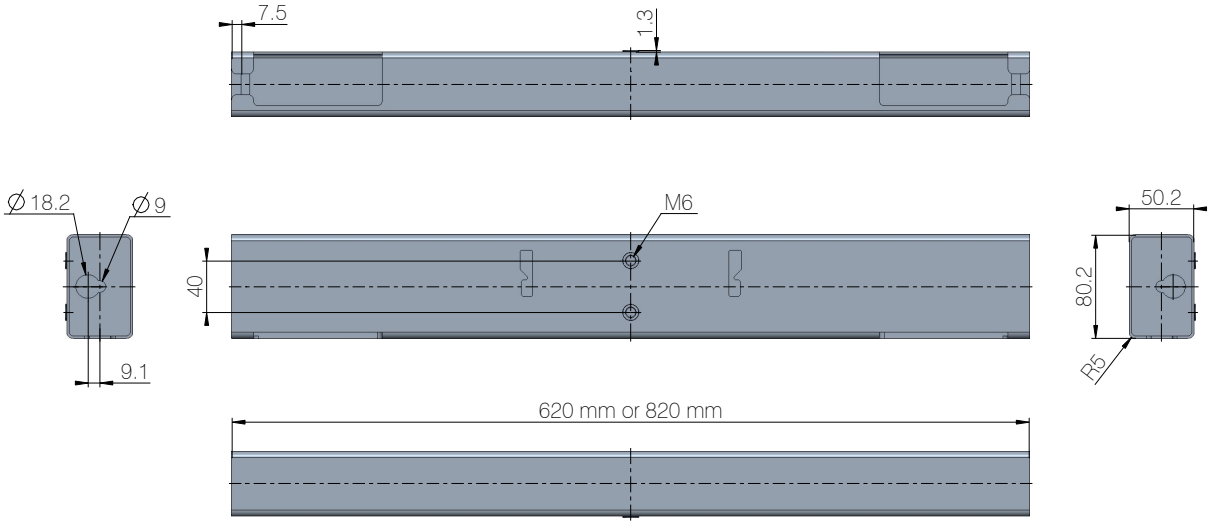
Figure 12 Bench bracket (type L and R)



Drawing no. 1029W7903

Figure 10 DESKLINE Bench bracket (types V and H) - compatible with LINAK cross members

Cross members



Drawing no. 1066W4030

Figure 13 Cross member

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 (Spólka 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
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
E-mail: sales@linak.co.uk
Web: www.linak.co.uk

DISTRIBUTORS

Argentina
Novotec Argentina SRL
Phone: 011-4303-8989 / 8900
Fax: 011-4032-0184
E-mail: info@novotecargentina.com
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Colombia
MEM Ltda
Phone: +[57] (1) 334-7666
Fax: +[57] (1) 282-1684
E-mail: servicioalcliente@memltda.com.co
Web: www.mem.net.co

India
Mechatronics Control Equipments India Pvt Ltd
Phone: +91-44-28558484, 85
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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