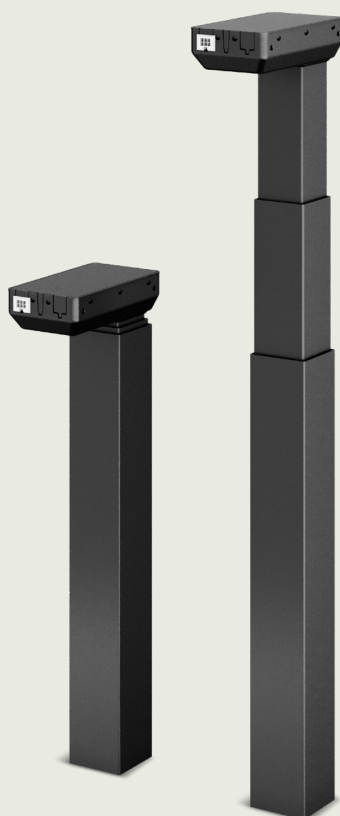


DL19 EXPERIENCE™

Data Sheet





The DL19 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 DL19 EXPERIENCE looks like a classic DL19 PLUS™ column. The real innovation has happened on the inside.

The DL19 EXPERIENCE features fast 80 mm/s speed, 800 N load per column, and a self-lock of 1200 N - all as standard. These three features could previously not coexist in one system. Together with a well-rounded pleasant sound, these features make DL19 EXPERIENCE push the boundaries of what is standard and raise the bar for performance.

Additionally, the 70 x 70 mm square 3-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 DL19 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

- Three-part motor housing column
- PLUS™: Invisible gliding pads and a smooth outer profile with no punch marks
- Performance:

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

- Installation dimension: 560 mm
518 mm (BIFMA)
- Stroke length: 650 mm
665 mm (BIFMA)
- Weight: Approximately 8.3 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 (RAL9016)
- Low sound level

Options

- PIEZO™: Integrated sensor minimising the risk of damage to a desk caused by squeezing or blocking it in upward or downward direction
- Versions prepared for Click-on Feet
- Available with bench bracket, see [Dimension drawings](#)
- Available with custom brackets
- Trim rings in black, grey or white
- Custom colours
- Available as DESKLIFT™ EXPERIENCE SetPack

Compatibility

- DESKLINE® control boxes
- DESKLINE® controls
- Kick & Click™ top frame
- Desk Frame 5 top frame
- DESKLIFT™ Feet, including Click-on 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 $\leq$ 600 N: 10% $\approx$ max. 60 seconds continuous use, followed by 540 seconds pause
Load $>$ 600 N: 5% $\approx$ 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 EXPERIENCE columns, 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

DL19		
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 RINGS	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
FOOT INTERFACE	0	0 = Standard Z = Prepared for Click-on Foot
OPTION	0	0 = Standard
OPTION	0	0 = Standard
PIEZO	0	0 = None E = PIEZO
STROKE LENGTH	0650	0650 = 650 mm 0665 = 665 mm (BIFMA)
INSTALLATION DIM.	560	560 = 560 mm 518 = 518 mm (BIFMA)
DL19F3000B00100P0000000650560		

* 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.



A column in BIFMA version is less stable in the full stroke length compared to a standard column as it has less overlap between the profiles.

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	4 = 2 PLUS legs - Click-on
COLUMN TYPE	DL19	DL19 = DL19	
PITCH	2	2 = EXPERIENCE - 30 mm pitch	
MOTOR TYPE	F	F = EXPERIENCE H = EXPERIENCE + DS1 + PIEZO	G = EXPERIENCE + DS1 I = EXPERIENCE + PIEZO
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	650	650 = 650 mm	665 = 665 mm (BIFMA)
INSTALLATION DIM.	560	560 = 560 mm	518 = 518 mm (BIFMA)
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

DLS6DL192FB0650560AAA0AAA000

-
- * 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)

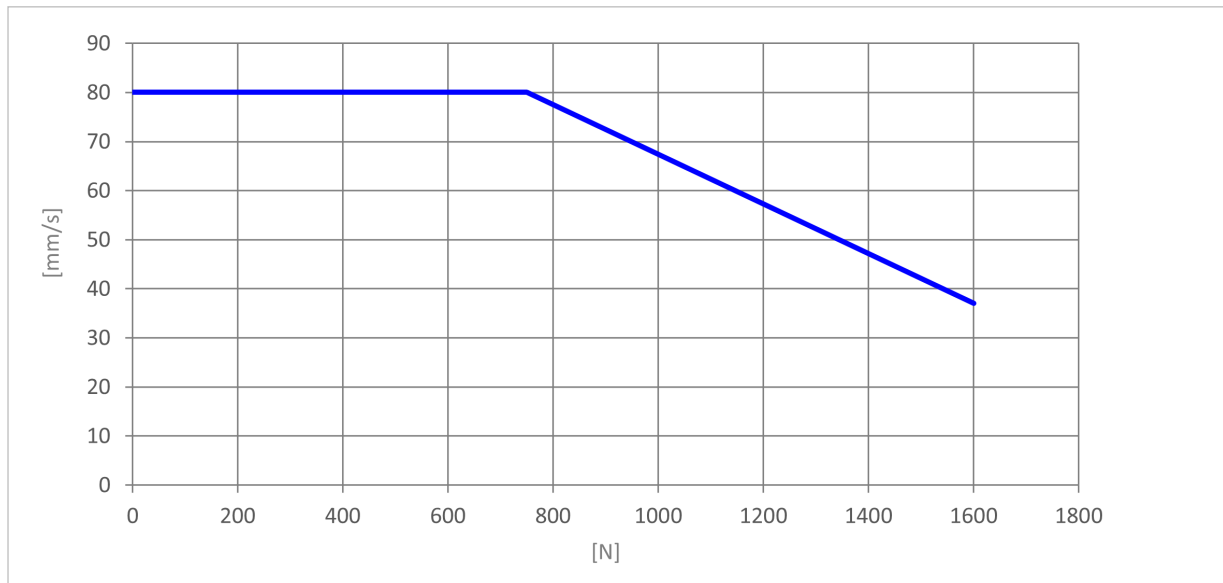


Figure 1 Two columns (equally loaded) - typical speed with CBD6S (230 V) 200 W

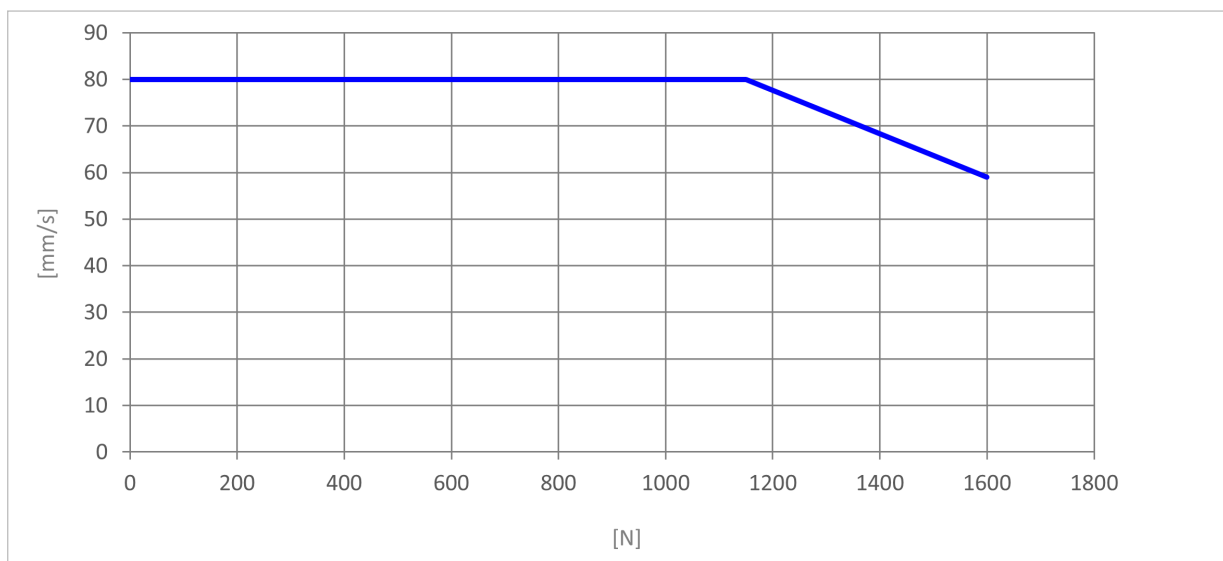


Figure 2 Two columns (equally loaded) - typical speed with CBD6S (230 V) 300 W

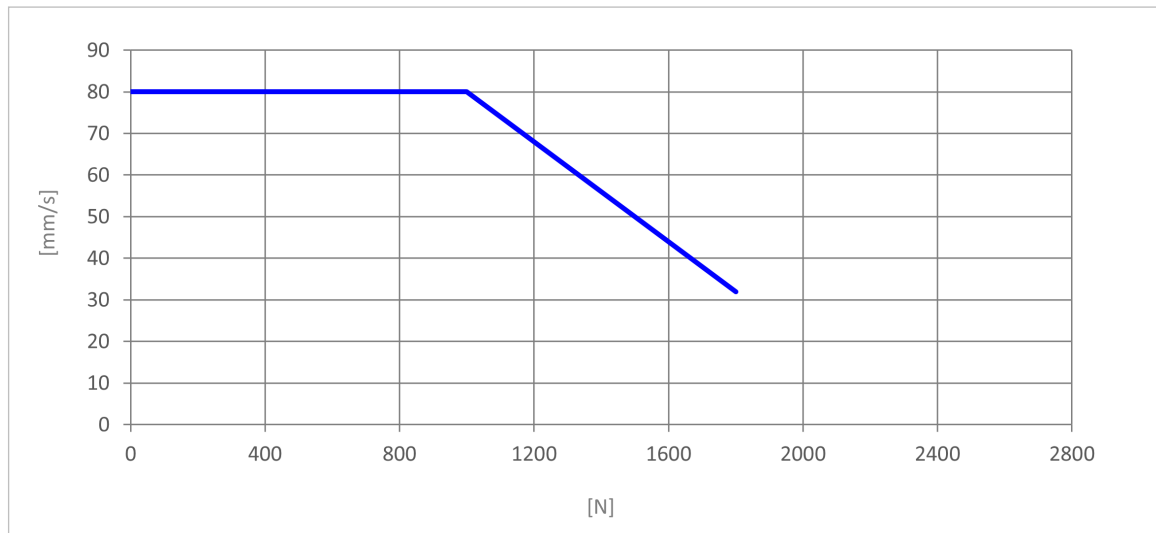


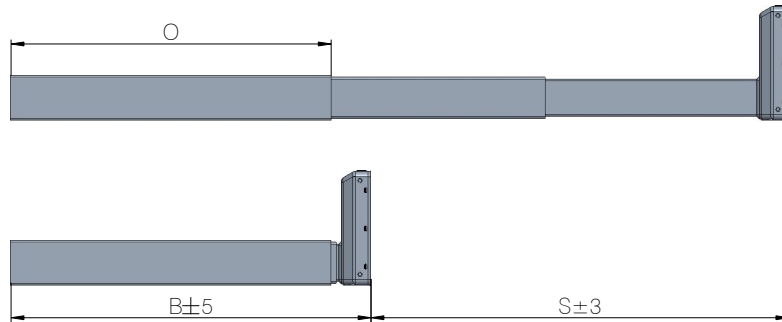
Figure 3 Three columns (equally loaded) - typical speed with CBD6S (230 V) 300 W

Dimension drawings



All dimensions are in mm.

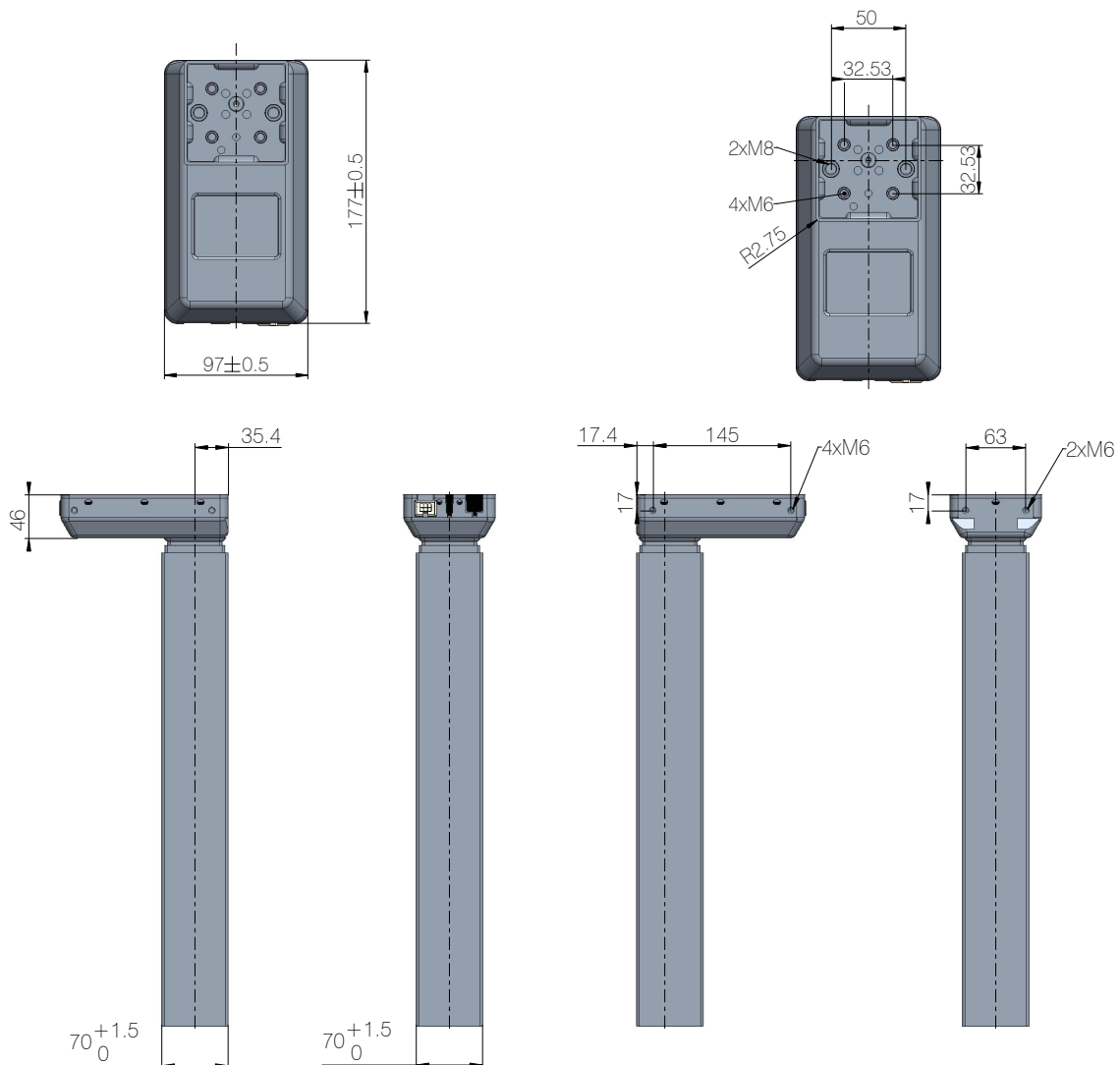
Columns



Drawing no. 1029W7901

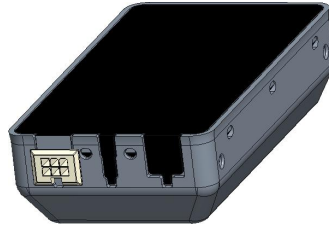
Version	Combination code	S (Stroke length)	B (Built-in length)	O (Outer profile length)
Standard	DL19Fxxxxxxxxxxxxx0650560	650	560	498
BIFMA	DL19Fxxxxxxxxxxxxx0665518	665	518	456

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



Drawing no. 1029W7901

Figure 5 Motor housing, bottom plate, and profile

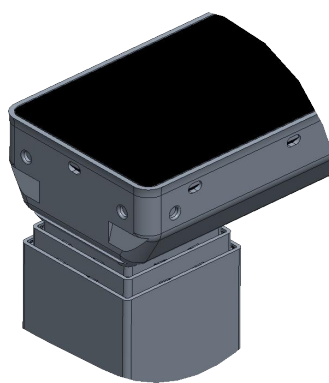


Standard

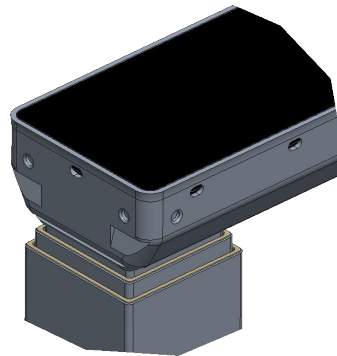
Drawing no. 1029W7901

Combination code	Type
DL19Fxxxxxxxxxxxxxxxxxxxxxx	Standard

Figure 6 Socket combination



Without trim rings

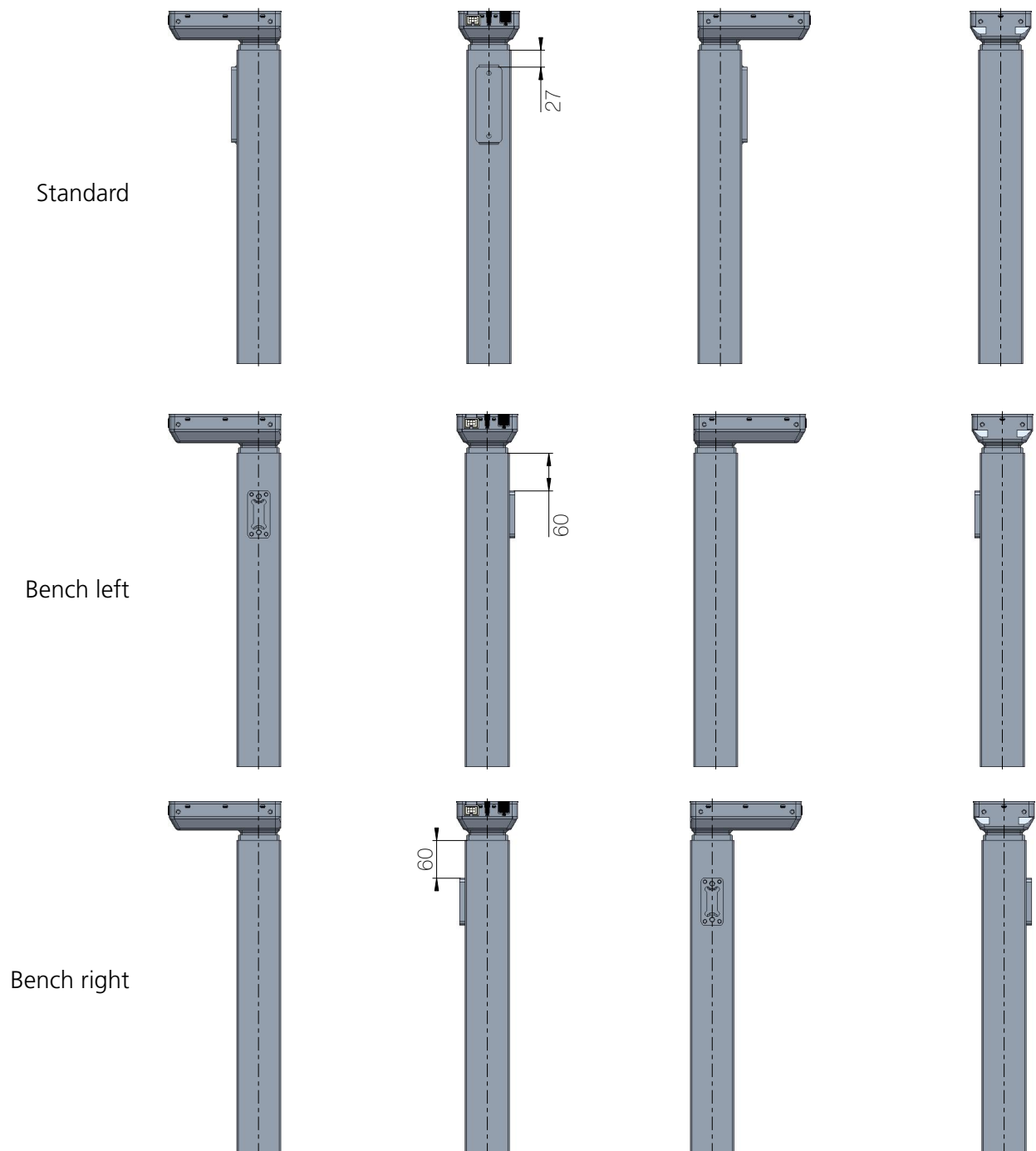


With trim rings

Drawing no. 1029W7901

Figure 7 Profile designs

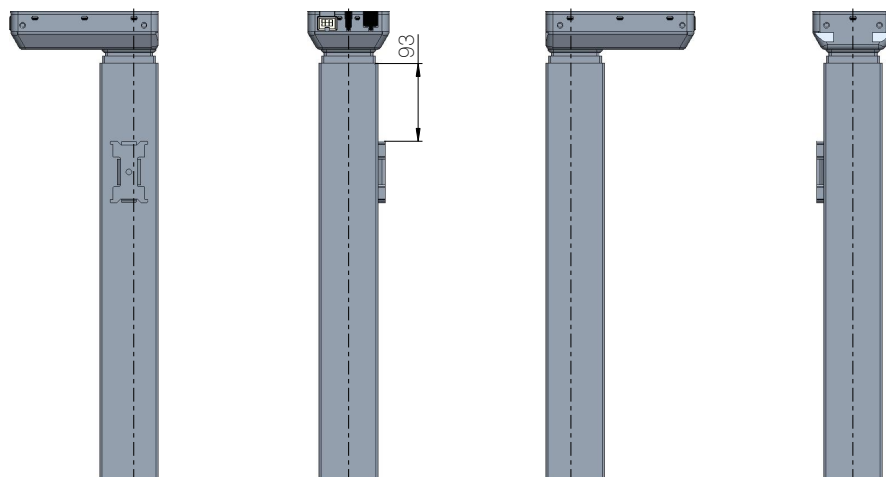
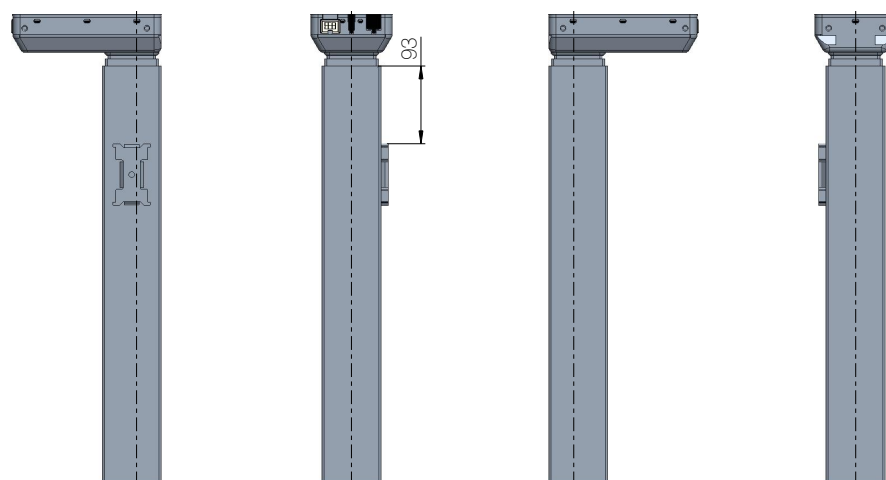
Bracket options



Drawing no. 1029W7901

Combination code	Standard	Bench left	Bench right
DL19Fxxxxxxxxx1xxxxxxxxxxxxxx	X		
DL19FxxxxxxxxxLxxxxxxxxxxxxxx		X	
DL19FxxxxxxxxxRxxxxxxxxxxxxxx			X

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

DESKLINE bench left**DESKLINE bench right**

Drawing no. 1029W7901

Combination code	DESKLINE bench left	DESKLINE bench right
DL19FxxxxxxxxVxxxxxxxxxxxxxx	X	
DL19FxxxxxxxxHxxxxxxxxxxxxxx		X

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

Brackets

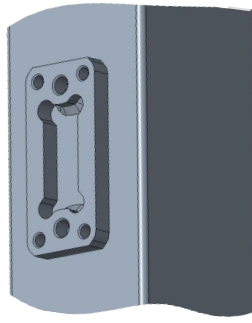


Figure 11 Bench bracket (type L and R)

Drawing no. 1029W7901

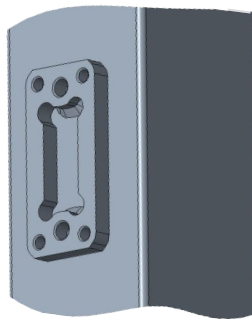


Figure 12 Bench bracket (type L and R)

Drawing no. 1029W7901

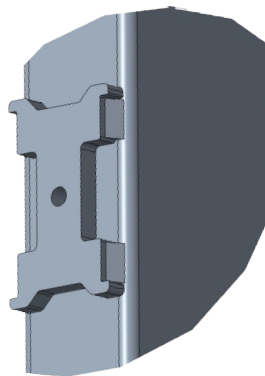
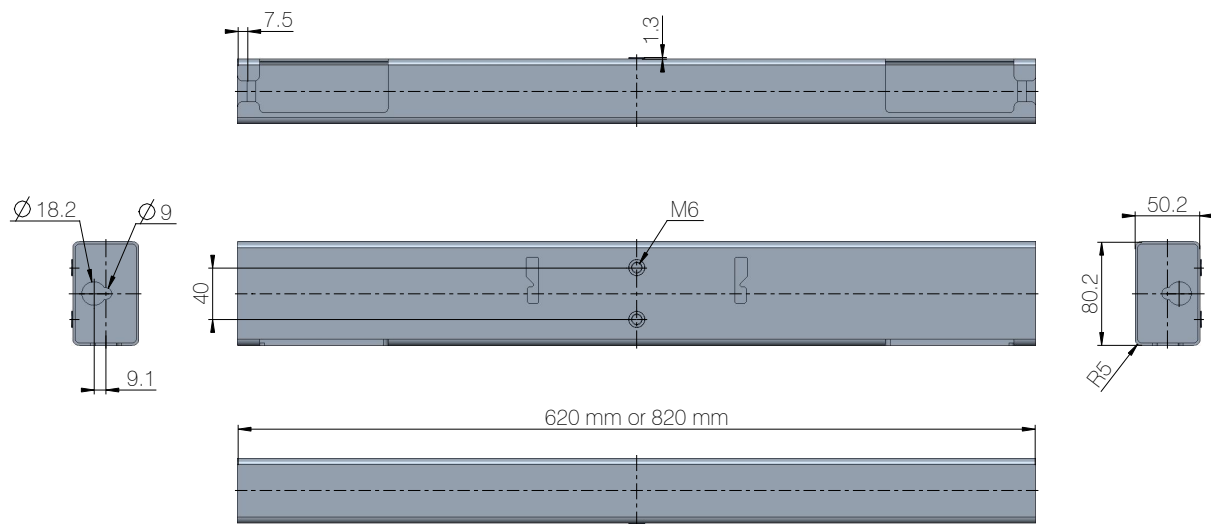


Figure 10 Bench bracket (type V and H) - compatible with LINAK cross members

Drawing no. 1041W7906

Cross members

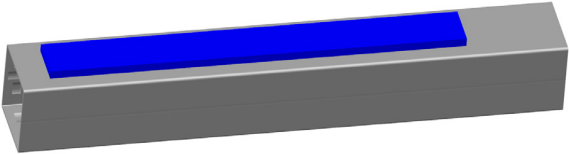
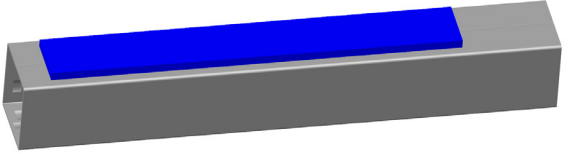
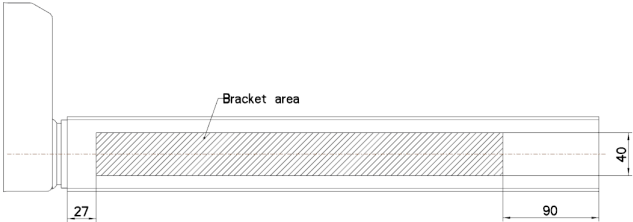
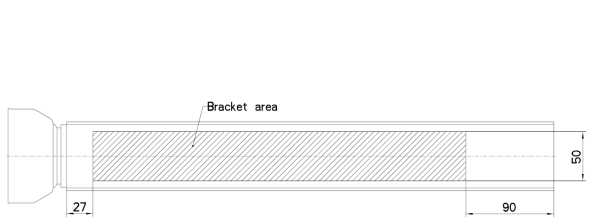
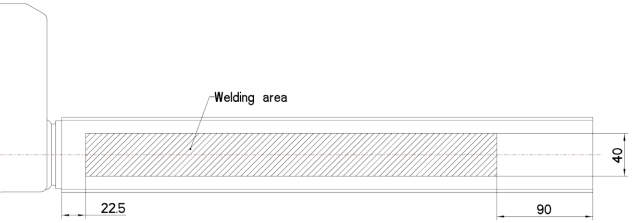
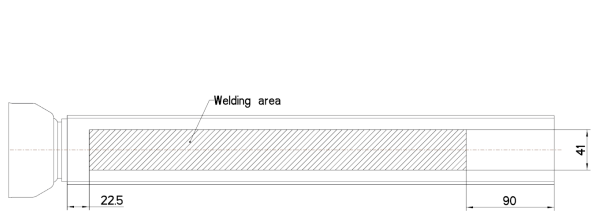


Drawing no. 1066W4030

Figure 13 Cross member

Brackets

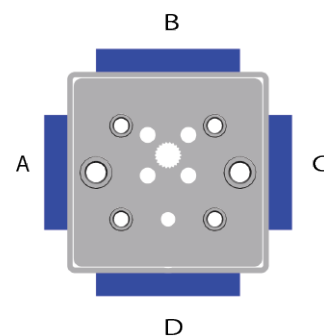
Maximum four brackets can be placed on the same profile. Place the bracket in the specified areas only.

	
Bracket area 	Bracket area 
Welding area 	Welding area 
Bracket dimensions (sides A and C): Width: maximum 40 mm Thickness: maximum 8 mm	Bracket dimensions (sides B and D): Width: maximum 50 mm Thickness: maximum 8 mm

Right and left columns



If you place the bracket on the sides A or C of the profile, you create a right and a left column version (due to the cable outlet).



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

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

Web: www.novotecargentina.com

Colombia

MEM Ltda

Phone: +[57] (1) 334-7666

Fax: +[57] (1) 282-1684

E-mail: servicioalcliente@memlda.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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