

Lifting Column DLC2

DLC2 is a 2-part in-line lifting column featuring quiet and moving speed. Attributing to robust design, DLC2 can be used as a single column or combined columns as synchronization system, which is applicable to lifting table, work bench, and work station... etc.



Feature

- Main applications: Homecare, furniture
- Input voltage: 24V DC
- Max. load: 2000N
- Max. speed at no load: 18 mm/sec
- Max. speed at full load: 13 mm/sec
- Stroke: 450 mm, 261 mm, 140 mm
- Max. current: 4.5A @ 29V DC
- Bending moment: 1000Nm (static) / 750Nm (dynamic)
- Anodized aluminum body
- Preset limit switches
- Noise level: ≤ 53 dB
- IP Protection level: IP21
- Duty cycle: 10%, max. 2 min. continuous operation in 20 min.
- Ambient operation temperature: 0°C ~ +45°C
- Certified: CE marking, EMC Directive 2014/53/EU

Option

- Digital positioning feedback with Hall effect sensors x 2

Compatibility

Product	Model	DLC2 spec
Control box	DKC3	With dual Hall sensors Moteck L1-type minifit plug
	CB4P-SY	With dual Hall sensors Moteck H-type, V-type DIN plug
	CB5P-M	Moteck L2-type minifit plug
	CB4M-S, CB4M-B	With dual Hall sensors Moteck F-type DIN plug Electrical current < 3 Amp (1200N max. thrust)

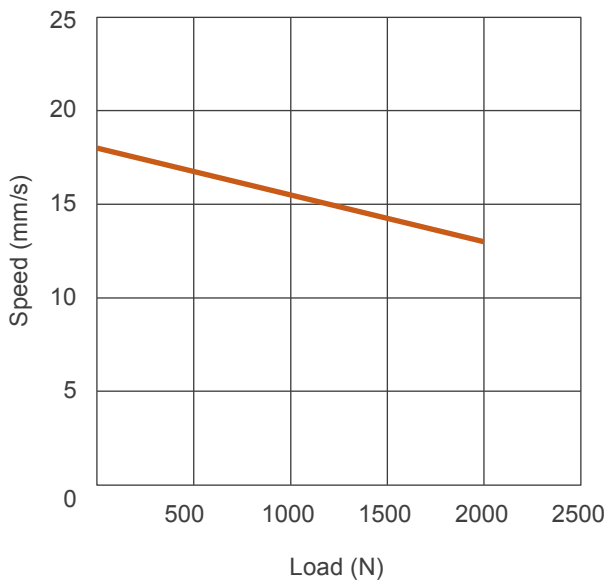
Remarks:

* Handset compatibility depends on chosen control box.

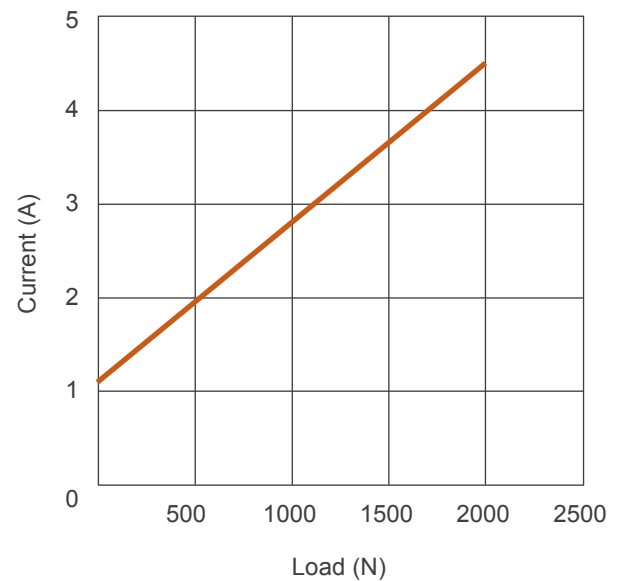
Performance Data

Model No.	Push / Pull Max. (N)	Typical Speed (mm/s)		Typical Current (A) @ 29V	
		No load	Full load	No load	Full load
DLC2-24H6-XXX.XXX-0X00X	2000	18	13	1.1	4.5

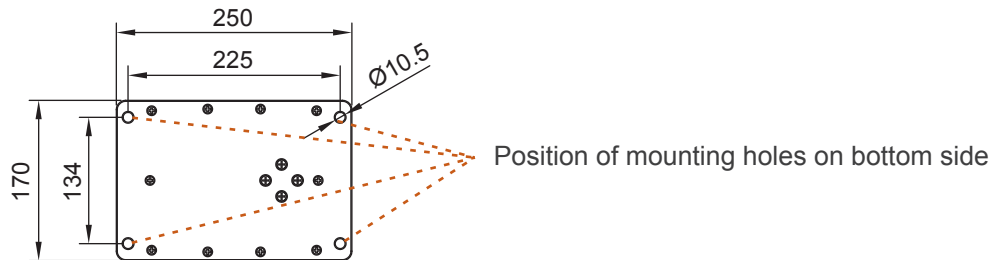
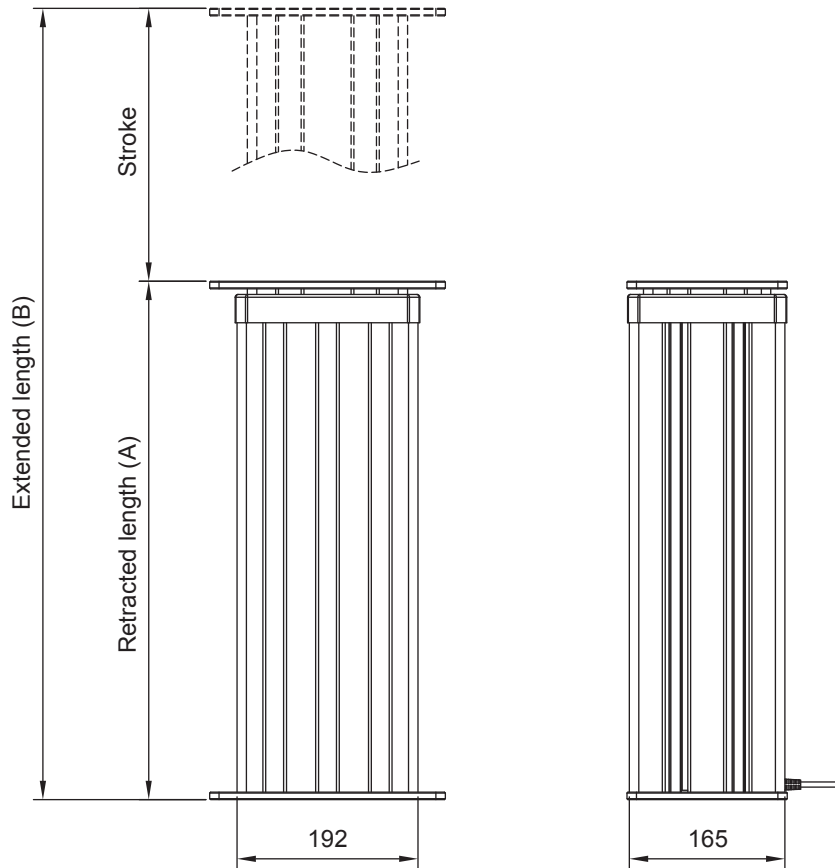
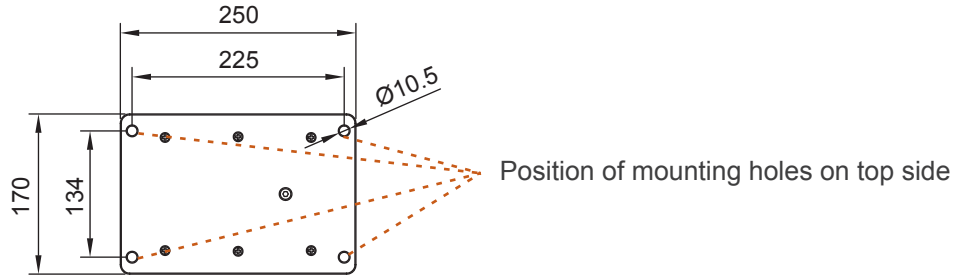
Speed vs. Load



Current vs. Load



Dimensions



Installation Dimension

Stroke (S)	450	261	140
Retracted length (A)	660	550	330
Extended length (B)	1110	811	470

unit: mm

Cable Plug

Motek DIN plug



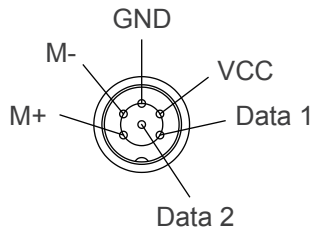
F-type



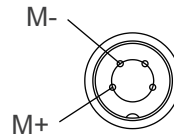
V-type



H-type



With dual Hall sensors positioning feedback



Without positioning feedback

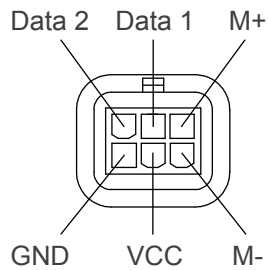
Motek minifit plug



L1-type



L2-type



With dual Hall sensors positioning feedback

Remarks:

Connect Pin (M+) to "+" & Pin (M-) to "-" of DC power, the actuator will extend.

Ordering Key

DLC2 - 24 H6 - 660 - 1110 - 0 H 0 0 1	
Input voltage	24: 24V DC
Motor and Spindle type	H6 (Refer to Performance Data)
Retracted length	XXX (Refer to Dimensions)
Extended length	XXX (Refer to Dimensions)
Reserved	0: No meaning
Positioning Feedback	0: None H: Hall effect sensors x 2
Reserved	0: No meaning
Reserved	0: No meaning
Cable length	1: 1000 mm Straight 2: 2000 mm Straight 3: 450 mm with 300 mm coiled

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