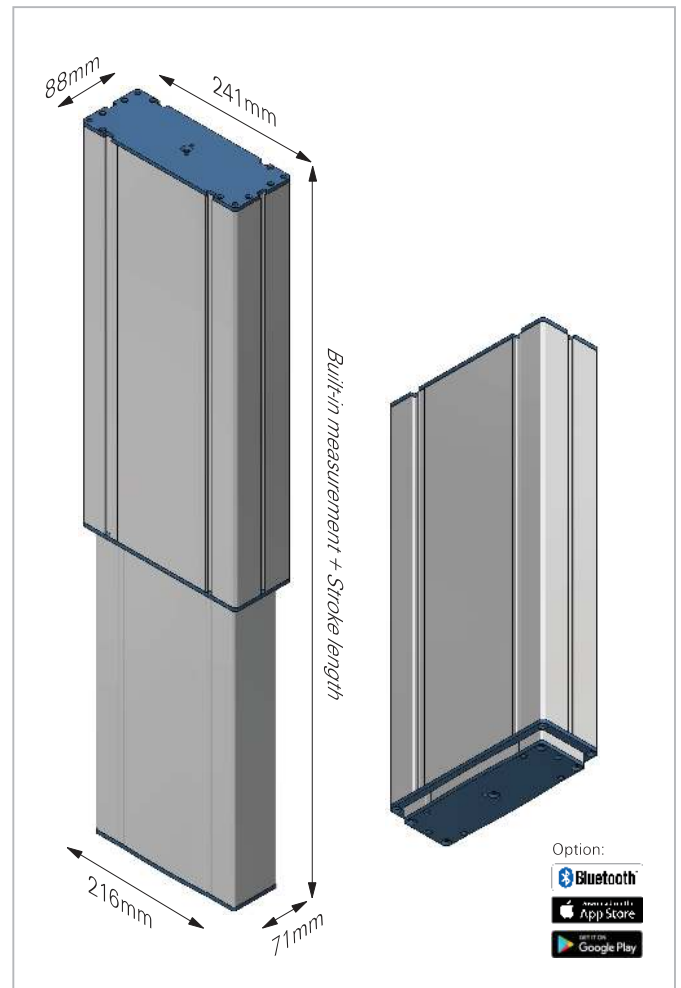


Aluminium Lifting Column

MAC18U

Up to 6000N



Aluminium Lifting Column MAC18U

For industrial ergonomic workplaces and medical industry.

MAC18U is a completely new developed lifting column, designed to meet the requirements of aesthetics and quality in industrial workplaces. In the development, high stability and a reasonable price level were emphasized. The MAC18U lifting column is designed for loads of max. 6000N and can be moved up to 16mm/s without load. The bending moment is 1000Nm.

Plug & Play: You can also get MAC18U as a complete Plug & Play solution, including one or more MAC18U lifting columns, a Movetec control box 230V AC, all cables and a control panel. By selecting a control box with Bluetooth®, MAC18U are easily controlled by iPhone® or Android®-Smartphone.

Material specifications:

Outer profile: Anodized Aluminium
 Inner profile: Anodized Aluminium
 Friction sliders: POM Derivate
 Top plate: Steel
 Bottom plate: Steel
 Lifting drive parts: Aluminium, Steel, ABS, POM, PP

Technical data:

Max. load: 6000 N (depends on the stroke length)
 Max. speed without load: 16 mm/sek (2500 N) (depends on force)
 Stroke length: 100-600*mm/special versions up to 1000mm (depends on force)
 Dyn./static bending moment: 800/1000 Nm (depends on the stroke length)
 Built-in measurement/length: 222-722/735mm (by 6000N: 265-565mm)
 Operation temperature: +5° C - +45° C
 Power supply/Voltage: 12/24V DC
 Cable out: Cable out in the outer profile
 Intermittents: 10%
 Double Hall-sensors: Yes
 Top plate size: 241 mm x 88mm
 Bottom plate size: 216mm x 71 mm
 Outer profile size: 240mm x 87mm
 Inner profile size: 215mm x 70mm
 Mounting track: Width top 8,1 mm / inside 8,1-12mm / depth 5mm
 Control box: More options, see www.movetec.dk
 Synchronized drive: Max.32x/16x(12x) lifting columns in synchronized drive
 Control panel: More options, see www.movetec.dk
Options: Bluetooth® controlling for iPhone®- and Android® Smartphones. Potentiometer. 12V DC. Top- and bottom mounting plates. Cable out in the inner profile (see MAC18). Control box with Lithium-Ion battery pack. 100% brake. Small remote control. (6000N/450mm).

*Stroke length 100-400mm by 6000N (Option: Stroke length 450mm/6000N).

MOVETEC

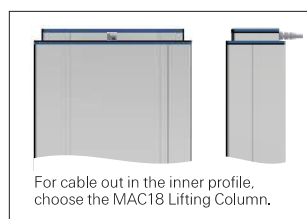


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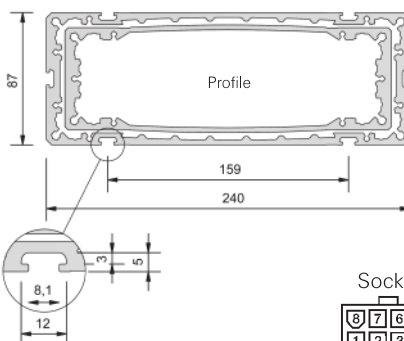
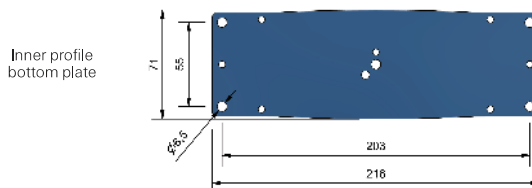
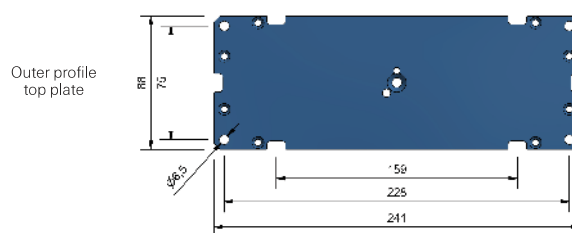
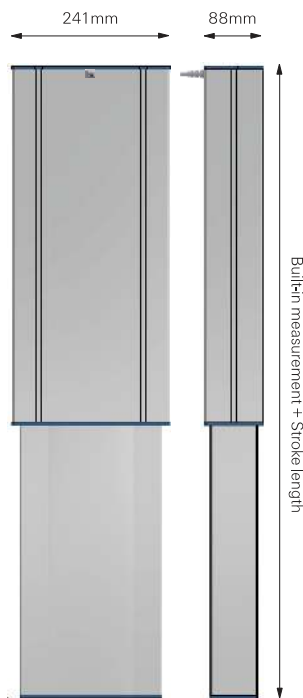
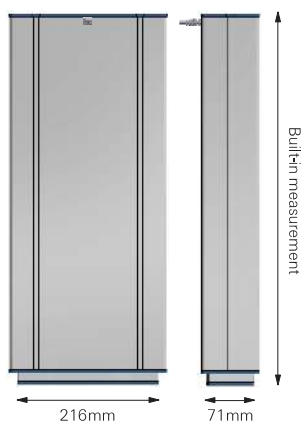
Aluminium Lifting Column

MAC18U

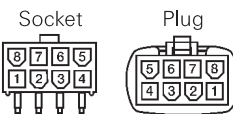
Up to 6000N



MAC18U cable out:
Cable out in the outer profile.



All dimensions in mm.



Control boxes and control panels:

MAC18U can be used with all Movetec control boxes and Movetec control panels. Some control boxes can also be programmed for customer-specific functions - please contact us with your wishes, we are looking forward to your call: +45 64 89 28 05.

CAD-drawings:

You can download 3D-drawings (STEP-Data) for MAC18U for your CAD-Program or as a PDF-file on our homepage.

Lifting columns data:

Gear/drive-type no.	Load, Push N	Load, Pull N	Typ. power consumption by load A	Speed, without load (32 VDC) mm/s	Stroke length in mm	Built-in measurement (by stroke length 100-600/400*mm) in mm	Max. static bending moment Nm
G	6000	4000	5,0	6	100 - 400	*Hublänge + min.165/178	800/1000
F	4500	4000	6,0	8	100-600	Hublänge + min.165/178	800/1000
D	3500	3500	6,3	11	100-600	Hublänge + min.122/135	800/1000
C	2500	2500	6,0	16	100-600	Hublänge + min.122	800/1000

Molex plugs/connections:

Product	1	2	3	4	5	6	7	8
Color	White	Red		Green	Blue	Orange	Black	Yellow
Dual Hall	Hall 1	+5V	NC	Motor+	Hall 2	NC	Ground	Motor-

Manuals, installation instructions, approvals/certificates, Safety instructions etc.:

Installation manuals, assembly- and installation instructions, warnings, instructional videos and further information, can be found on our homepage: www.movetec.dk



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Further information → www.movetec.dk



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