



Alpha Column System

The Alpha Lifting Column is designed in column form for industrial applications with high overhung load. Ideal for assembly jigs, machine tables, display and computer benches.





Alpha Column System

Description

The Alpha Column is a lifting device for the continuous height adjustment of assembly tables, medical equipment, audio visual displays etc.

Due to the well designed anodised aluminium profile the column does not need any other external panelling.

The Alpha column is available in two sizes "Medium" and "Large". Due to increased dimensions the "Large" version is able to take higher overhung loads.

Load Capacity up to 3000N at 5mm/s and a maximum travel length of 1000mm.

Special stroke lengths on request

Features

- Adjusted sliding guides guarantee zero backlash, even after years of operation
- Assembly dimensions can be adjusted by $\pm 3\text{mm}$
- Integrated limit switches
- Self locking, even under maximum load
- Compressive and tensile forces
- Attractive design, anodised aluminium
- Smooth surface for easy cleaning
- Single unit or synchronised controls



Terms of use - Product details subject to change without notice



VAT. 807373820

Company Registration. 4492419

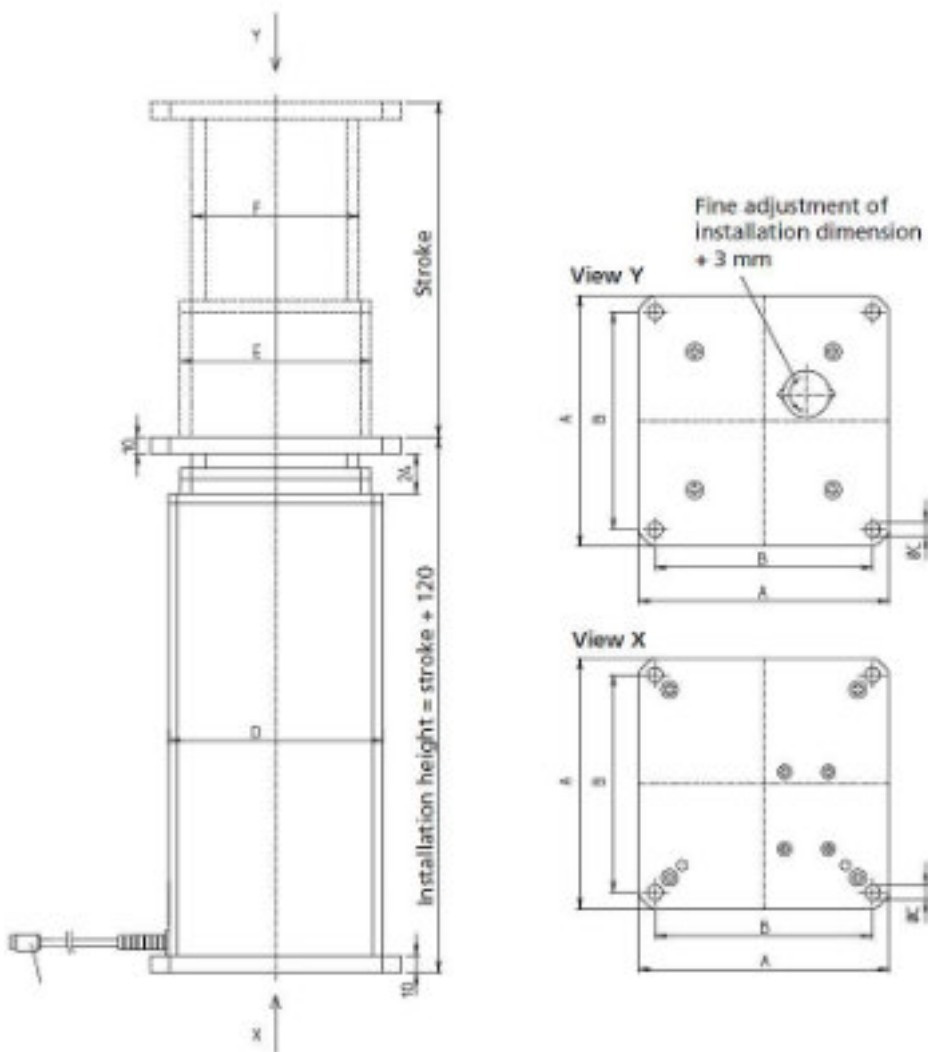
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Telephone. +44(0)1743 248 700

Email. sales@industrialdevicesgroup.com

Website. www.actuatorselectric.com

Dimensions



Dimension	ACM "Medium"	ACL "Large"
A	150	190
B	130	170
C	9	11
D	128	163
E	114	145
F	100	128

Technical Data

Standard Column

Voltage	24VDC for Standard
Controller	120/230VAC
Current	5A maximum
Protection	IP40
Ambient Temperature	-10°C to + 75°C
Load Capacity	1000N, 2000N, 3000N

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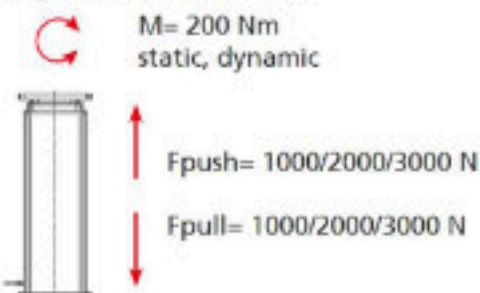


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Load Data

Alpha Colonne „Medium”

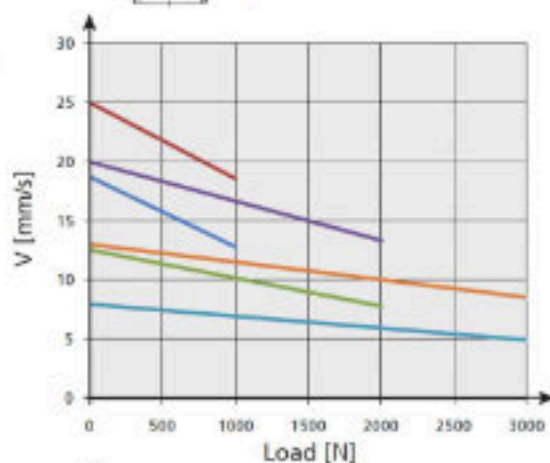


Alpha Colonne „Large”



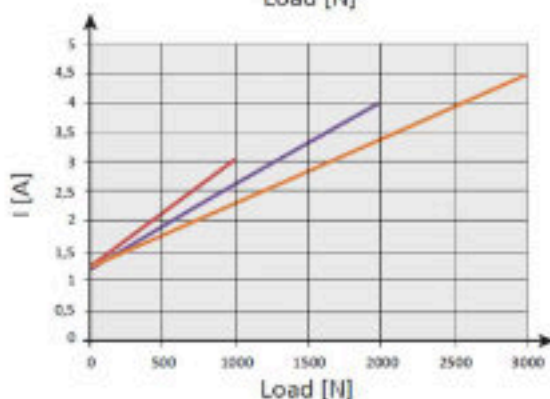
Speed/Force diagram

Alpha Colonne for
external control



Current output/Force diagram

Alpha Colonne with
external control



24 V*1 determined with a transformer
control 120 VA

36 V*2 determined with a
MultiControl duo

Duty Cycle

The lifting columns are designed for intermittent service. The maximum operating time under normal load may not exceed 20% (2 minutes operation, 8 minutes rest)

Over Hung Load

Medium Units - 250Nm

Large Unites - 450 Nm

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View Alpha Column System Online Visit:
<https://actuatorselectric.com>

Contact

Our specialist team are always ready to listen and help, please drop us an email or call to talk with the team.

Address.

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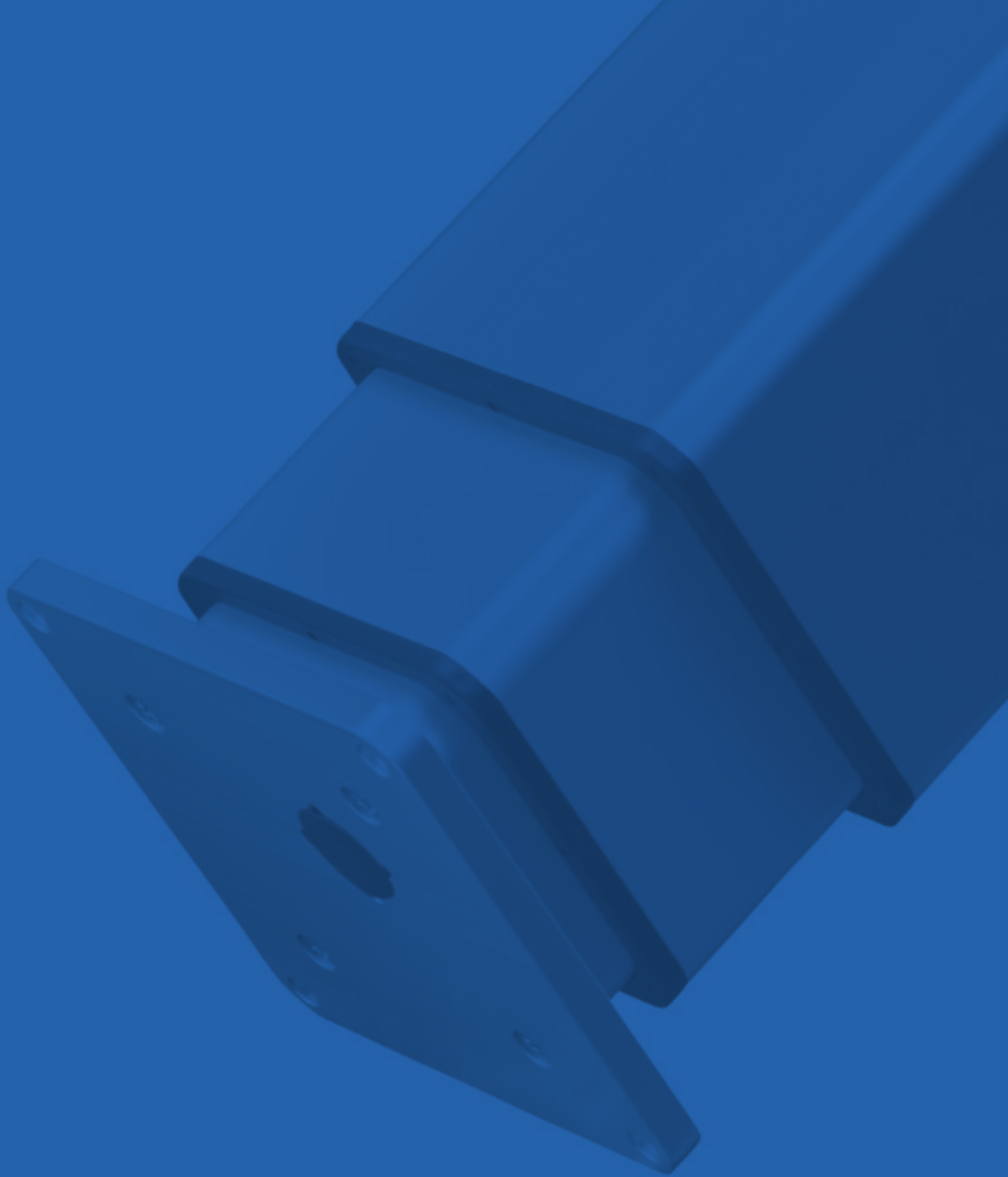
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