

# Lifting column



technology<sup>?</sup>

**A-series**

## A14




Max 1400N



## Description

The A14 lifting column is designed for applications that require a very short retracted length. With its stiff aluminium tubes, the A14 column gives a very robust and reliable system that works great with offset loads. The column has long-life pads which makes it maintenance free.



-  Long lifetime
-  Great offset load
-  Short retracted length

### Features

- Push
- Limit switch
- Cable out small tube

### Options

- Pull
- Encoder
- Potentiometer

## Technical data

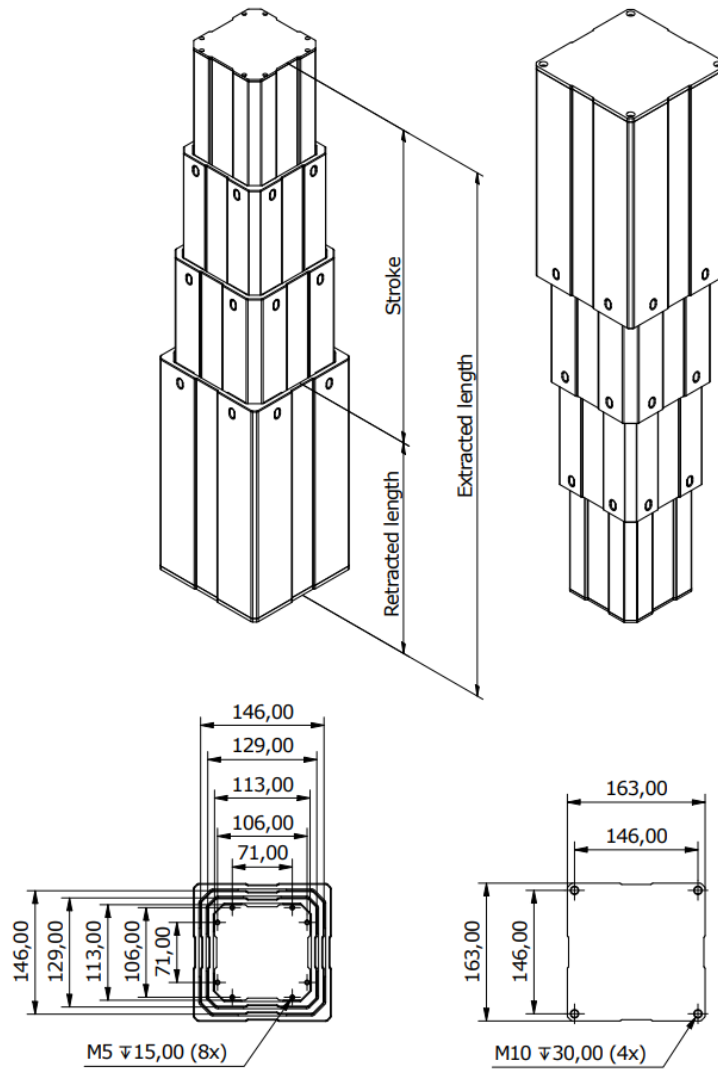
	DA-OD14	DA-PD14	DA-QD14	DA-OB14	DA-PB14	DA-QB14
Force, max push*	250 N	400 N	500 N	750 N	1.000 N	1.400 N
Self-locking force**	700 N	800 N		1.500 N		
Speed @max load	75 mm/s	62 mm/s	49 mm/s	25 mm/s	21 mm/s	21 mm/s
Stroke, S (longer strokes on request)	1.500 mm					
Retracted length, R***	$R = S/3 + 208 \text{ mm}$					
Duty cycle [%]	20% (2 min ON / 8 min OFF)					
Voltage	24 VDC					
Ambient temp	+10°C to +40°C					
Current @max load	5 A					
IP Class	IP 30					
Safety factor Static centric load @ max stroke & load*	15	10	8	6	7	3

\* See diagrams on page 3

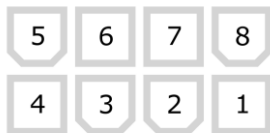
\*\* Only applied when connected by short circuit

\*\*\* Longer retracted length enables more offset load, see diagrams on page 3

## Technical drawing A14



### Pin layout



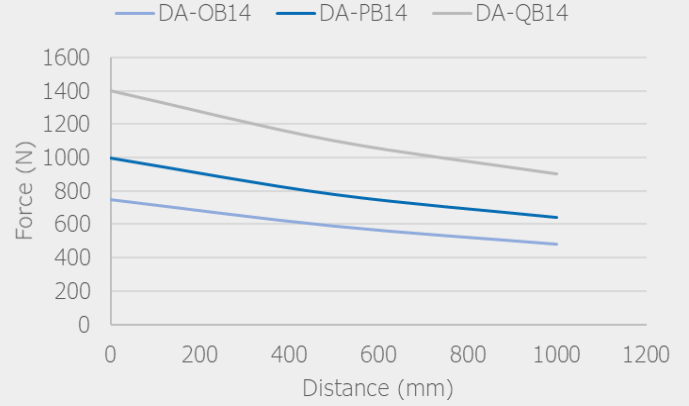
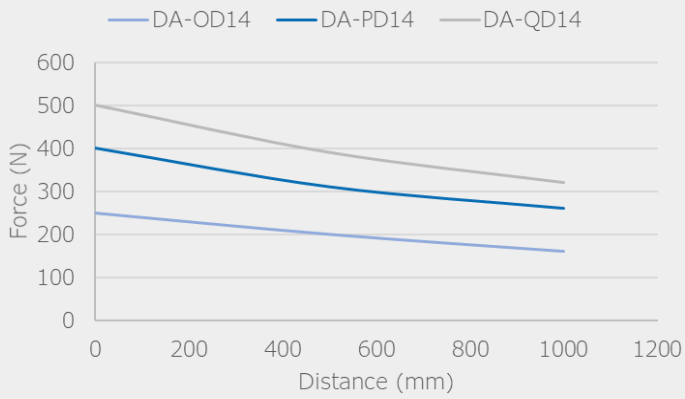
8 pin JS-1149-08 Male

### Connectors

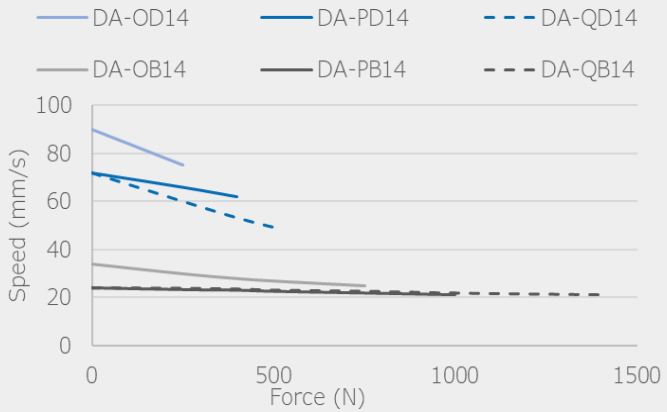
	Description
1.	Not in use
2.	Not in use
3.	Not in use
4.	Motor+
5.	Not in use
6.	Not in use
7.	Not in use
8.	Motor-

### Offset load diagrams

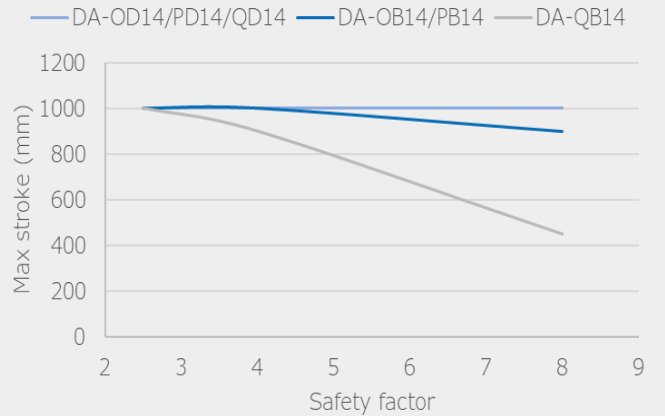
Retracted length =  $S/3 + 208$  mm, longer retracted length enables heavier offset loads



### Speed diagram



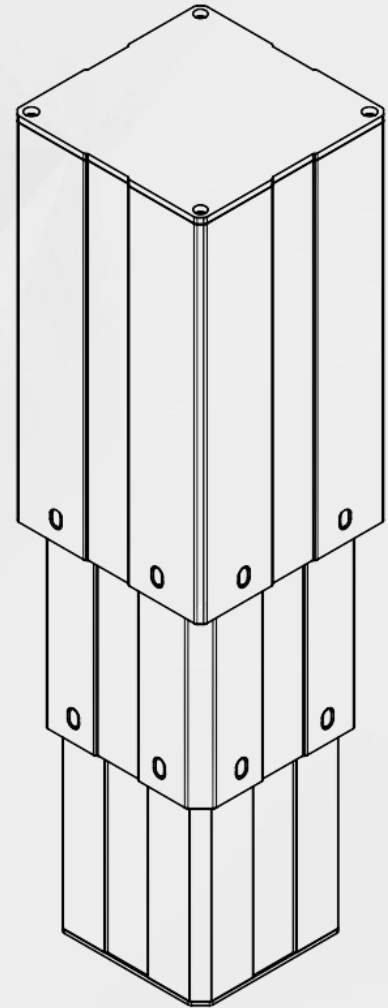
### Safety factor diagram



# X2 Technology – The Customizer

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## X2 Technology AB



+46 470 717950



[info@x2technology.se](mailto:info@x2technology.se)



[www.x2technology.se](http://www.x2technology.se)



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