

# VULCAN

230 Vac

## HYDRAULIC LINEAR OPERATOR FOR SWING GATES

For swing gates up to 6 meters per leaf.

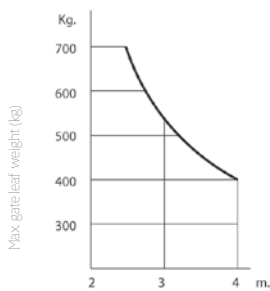
Wide range. Operators with or without hydraulic locking, 265 mm and 400 mm piston rod, oil for low temperatures, fast operators version.

Intensive use. Operators and brackets designed for intensive use.

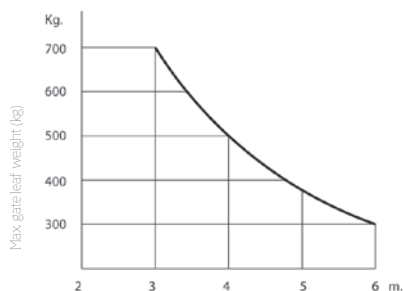
A connector for easy connection. Easy to Install. New adjustable rear bracket.

Extremely powerful. Operators suitable for light, heavy, small and large swing gates.

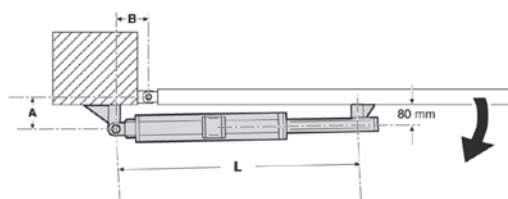
For swing gates up to 6 meters per leaf.



Max. gate leaf length (m)  
Operators wit 265 mm piston rod



Max. gate leaf length (m)  
Operators with 400 mm piston rod



Operators wit 265 mm piston rod  
For 90° opening angle (mm)  
A max: 175 mm  
B min. (90°): 80 mm  
L: 985 mm

Operators with 400 mm piston rod  
For 90° opening angle (mm)  
A max: 270 mm  
B min. (90°): 100 mm  
L: 1255 mm

Orientative values the shape, the height of the gate and windy conditions can considerable reduce the values shown in the chart.

### TECHNICAL DATA:

	VUA31	VUA41	VUA33	VUA43	VUS31	VUS41
Power supply	230 V/50 Hz					
Absorbed power	230 W					
Current	1 A					
Capacitor	10 µF					
Pushing force	Adjustable till 7000 N					
Speed	10 mm/s (20 mm/s - fast version "F")					
Max. travel	265 mm	400 mm	265 mm	400 mm	265 mm	400 mm
Opening (90°)	27 s	40 s	27 s	40 s	27 s	40 s
Duty cycles	60 cycles/hour					
Self locking	No		Yes		No	
Obstacle detection	No					
Max. Opening angle	110°					
Protection class	IP 65					
Operating temperature	-10°C to 60 °C / -30°C to 60 °C (with oil "F")					
Operator weight	9,5 kg	11 kg	9,5 kg	11 kg	9,5 kg	11 kg
Dimensions (mm)	1114x89x89	1384x89x89	1114x89x89	1384x89x89	1114x89x89	1384x89x89

**OPERATORS RANGE:**

<b>VU31</b>	Hydraulic linear operator, 265 mm piston rod (none locking)
<b>VUA31</b>	Hydraulic linear operator, 265 mm piston rod, slow down in closing (none locking)
<b>VUA41</b>	Hydraulic linear operator, 400 mm piston rod, slow down in closing (none locking)
<b>VUA33</b>	Hydraulic linear operator, 265 mm piston rod, slow down in closing (self locking in opening and closing)
<b>VUA43</b>	Hydraulic linear operator, 400 mm piston rod, slow down in closing (self locking in opening and closing)
<b>VUA35</b>	Hydraulic linear operator, 265 mm piston rod, slow down in closing (self locking in opening)
<b>VUS31</b>	Hydraulic linear operator, 265mm piston rod, with obstacle detection (none locking)
<b>VUS41</b>	Hydraulic linear operator, 400mm piston rod, with obstacle detection (none locking)
<b>VUA31LB</b>	Hydraulic linear operator, 265 mm piston rod, slow down in closing (none locking) with lobes pump
<b>VUA41LB</b>	Hydraulic linear operator, 400 mm piston rod, slow down in closing (none locking) with lobes pump

\*Note: All the operators include the front and rear mounting brackets for inward opening, and the capacitor. As well as the operators above, we have available the following operators:

Version adapted for very low temperatures (add "F" to the code). Example VUA33F
Version adapted for fast speed (add "R" to the code). Example VUA33R

\*Note: The operators VUS31 and VUS41 are only suitable for single leaf Gates, and require the additional electric lock LC721M.

**ACCESSORIES:**

<b>AVU01</b>	Adjustable rear bracket
<b>N315E</b>	Rear external bracket

