



Record C 127 X Offset

Underfloor swing door operator

The C 127 X is the world's first underfloor drive for swing doors with protection class IP69 – completely watertight! The drive installed in the floor allows through the use of a cardan direct drive, all-glass doors with a door wing weight of up to 600kg (1323 lbs) to glide elegantly and silently over the floor.

The two-component modular die cast housing with integrated electronic and control unit can be used for both single and double leaf applications. The unique design of the offset drive allows it to be mounted very close to the façade, which is a great advantage for installation flexibility. With a wide range of options and accessories, the C 127 X can be used flexibly in an extensive variety of applications.

The concealed drive supports the design freedom of discerning architects to design an impressive door for entrances in ultra-modern buildings. The maintenance-friendly system is recessed into the floor and if required, covered invisibly with the matching floor covering, making it fit perfectly into the door area.

Due to the integrated wind damping, the door slows down in case of wind loads and thus prevents damage to the facade and at the same time increases the safety of pedestrians.

Complies with following standards:

EN 16005, EN 18650, ANSI 156.19, BS 7036

Your global partner for entrance solutions

Product features

Invisible, noiseless door drive

Automation of doors with leaf weights up to 600 kg (1323 lbs)

IP class 68 and IP 69 certified – watertight operator

Offset pivot point for flexible installation close to the building line

Integrated wind load brake

Designed for easy and fast installation

Low-maintenance & service-friendly thanks to service app



Specifications

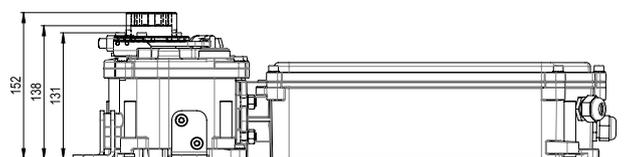
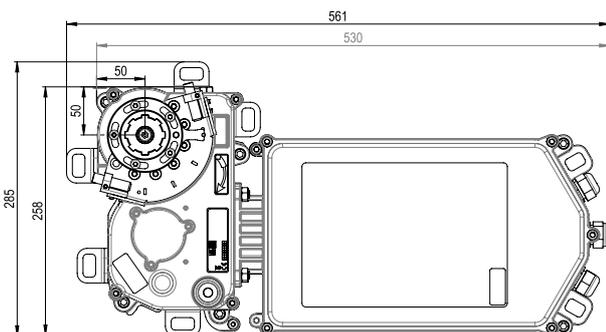
	Metric	Imperial
Opening width – One wing	800–1800 mm	2.6–5.9 ft
Opening width – Two wings	1600–3600 mm	5.2–11.8 ft
Opening angle	70°–120°	
Opening and closing speed	adjustable	
Maximum passage height	4000 mm	13.1 ft
Door leaf weight (max)	600 kg	1323 lbs
Maximum moment of inertia	170 kgm ²	
Permissible wind speeds drive in operation	20–60 km/h	12.4–37.3 mph

Electrical data

Rated voltage [VAC / Hz]	100–240 / 50–60
Rated power [W]	67
Consumption in idle mode [W]	25

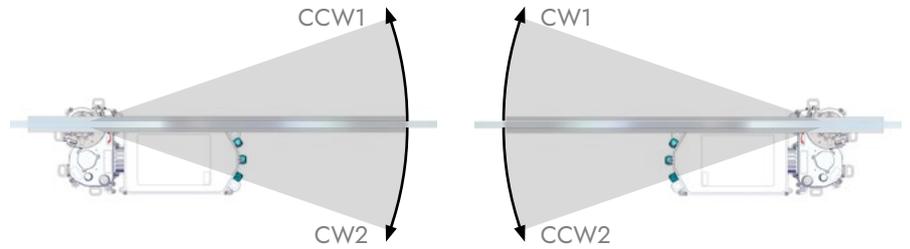
Technical data

	Metric	Imperial
Dimensions drive (LxWxH)	561 x 258 x 152 mm	22.1 x 10.1 x 5.9 inch
Dimensions with set wall box (LxWxH)	750 x 320 x 173 mm	29.5 x 12.6 x 6.8 inch
Position rotation axis	50 x 50 mm	1.96 x 1.96 inch
Weight	19 kg	42 lbs
IP classification	IP 68 / IP 69	
Rel. humidity	up to 85%, no condensate	
Temperature range	-15 °C...+50 °C	5 °F...122 °F



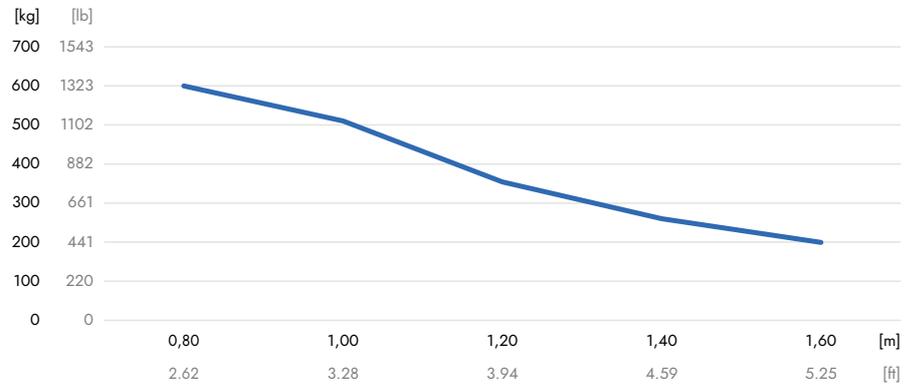
Variants

CCW (counterclockwise)
and CW (clockwise)



Door leaf width

with mass moment of inertia 170 kgm²



Operating modes and functions

Energy-saving, fully automatic, manual operation, Power-Assist, Push&Go, inverse, spring closing or opening, service & commissioning app

Accessories:

- » Stainless steel encasing box
- » Stainless steel cover
- » Terrazzo coverpan
- » Glide rail
- » Various door levers
- » Various adapters for individual door connection
- » Doorstop
- » Sensors
- » Service Port



The wide product range in combination with the individual customer-specific adaptations enable the realisation of a unique door design with the highest demands on quality and safety!