

FAAC



AUTOMATION FOR SLIDING GATES

746 C

230V Gearmotor

MAX. LEAF WEIGHT

400 - 600 Kg

MAX SPEED

9,6 - 12 m/min.

USE FREQUENCY

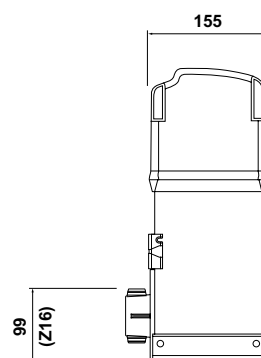
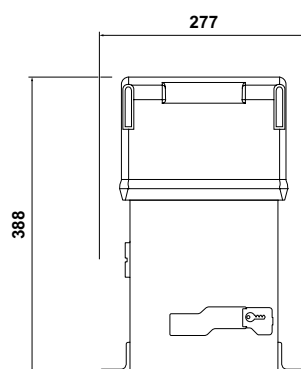
Continuous use



PRODUCT'S PLUS

- Renewed gearmotor with integrated E781S LC control unit featuring adjustable speed control levels. Includes two dedicated inputs for safety edges (NC or 8.2 KOhm) and Bus2Easy technology.
- New high-performance retroactive feedback motor control with high-resolution encoder: smoother acceleration and deceleration ramp, force optimization, reduced consumption, adjustable sensitivity to obstacle detection.
- Compatible with the Simply Connect platform and with the new FDS radio technology.
- Integrated Low Consumption Functionality in Standby Mode: The control unit is designed with low power standby (LC) functionality, in compliance with the Ecodesign Directive 2009/125/EC and EU Regulation 2023/826. The low-power mode can be easily enabled or disabled via the board's menu. If enabled, it activates automatically after a few minutes of inactivity, reducing standby power consumption (<0.5W, or 2W if connected to Simply Connect). This ensures energy efficiency, reduced operating costs and a positive environmental impact.

INSTALLATION DIMENSIONS

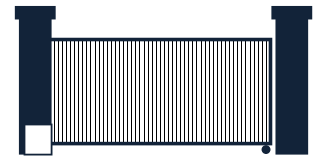


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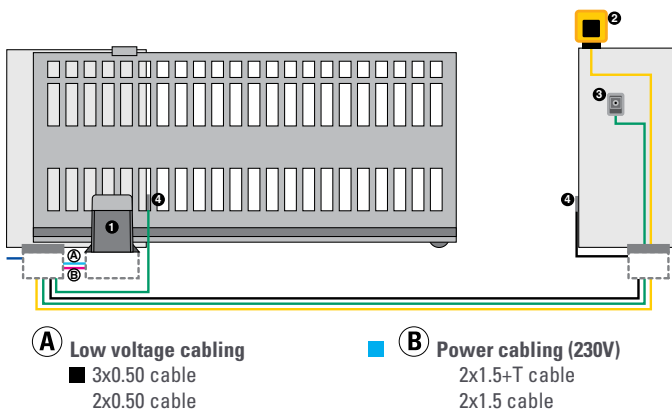
TECHNICAL SPECIFICATIONS

Model	746 C Z16	746 C Z20
Power supply voltage	220-240V~ 50/60 Hz	
Max. power	350 W	
Pinion	Z16 module 4	Z20 module 4
Max expressed force	830 N	665 N
Max. leaf weight	600 Kg	400 Kg
Max. leaf speed	9.6 m/min	12 m/min
Max. leaf length	40 m	50 m
Stopping space	30 mm	
Protection class	IP44	
Thrust capacitor	12.5 µF	
Operating ambient temperature	-20° ÷ +55°C *	
Thermal protection	120°C automatic rearming	
Weight	16.2 Kg	16.5 Kg

(* In the 230V version, it can operate at temperatures from +55° to +65° under the following conditions: Frequency of use 28 cycles/hour (746 C Z16) - 36 cycles/hour (746 C Z20), Maximum load on accessories (including Bus2Easy accessories) 400 mA (instead of 500 mA). The cycles/hour refer to a door with maximum weight and 5 m width.



INSTALLATION EXAMPLE



REF	Q.TY	DESCRIPTION
1	1	Gearmotor 746 C Z16
1	1	Foundation plate with lateral and height adjustments (6 pc. pack)
1	4	Galvanised rack 30x12 mod. 4 including weld-on fittings (4 pcs pack, 1 m each)
1	1	XF 433 MHz receiver
2	1	XLED flashing light
3	1	Key operated button XK10B
3	1	Lock with key
5	2	Low column H500 (multiple saleable quantity 2 pcs)
5	2	Foundation plate for column
5	2	Pair of photocells XP 30B
1	1	2 channels transmitter XT02 433

www.faactechnologies.com

FAAC S.p.A - Soc. Unipersonale - Via Calari 10 - 400069 Zola Predosa (BO) Tel. +39 051 61724