

Automatic barriers

CONDOMINIUM
RESIDENTIAL
INDUSTRIAL

maximum lane
opening width

6.5-26.2 ft

opening time

1.5-6 s



B680H

Automatic barrier



- Hybrid technology: Hydraulic + Brushless motor
- Over 2,000,000 continuous use cycles without special maintenance
- Optional battery back-up
- Advantage of modular items: only one barrier model and two springs for sectional barrier arms measuring 7.5 to 27.2 ft, right or left version and for different speeds
- Removable covers available in 4 colors or stainless steel
- Opening speed (programmable): from 1.5 seconds for 7.5 ft barrier arms up to 6 seconds for 27.2 ft barrier arms.
- Easy-to-program and technologically advanced control unit: Integrated encoder (with reverse in the event of obstacle), two integrated Loop Detectors, and Master/Slave logic
- Optional: integrated flashing LED traffic light with anti-vandalism system and LED lights for barrier arm
- Compatible with 620 and 640 foundation plate

TECHNICAL SPECIFICATIONS

Power supply voltage	Switching: 100 to 240 Vac 50 (60) Hz
Electric motor	Brushless 36 Vdc
Absorbed power	240 W
Absorbed current	1.1 A (at 230 V)
Motor rotation speed	1,000 to 6,000 r.p.m.
Pump flow rate	3,2 l/min (max)
Electronic deceleration	Absolute magnetic encoder
Operating ambient temperature	-4°F - 131°F (-20°C - +55°C)
Weight	187 lb (143 lb body + 44 lb cover)
Type of oil	FAAC HP OIL
Barrier body treatment	100 micron epoxy zinc-plating anti-corrosion treatment + paint
Protection class	IP56 (TÜV certified)
Type of barrier arm	Round with safety edge and optional lights

E 680 CONTROL BOARD TECHNICAL SPECIFICATIONS

Max motor load	240 W
Accessories power supply	24 Vdc
Max accessories load	800 mA
Operating ambient temperature	-4°F - 149°F (-20°C - +65°C)
Protection fuses	4 self-resetting
Pause time	Programmable (from 0 to 4.1 min)
Motor power	Programmable on 50 levels
Motor speed	Programmable on 50 levels
Terminal board inputs	Loop 1, Loop 2, Open, Close, Safety during closing, Stop, Emergency, Power Supply, 36VDC, Battery XBAT, BUS 2-Easy
Connector inputs	Encoder, Bar release sensor, Integrated flashing light, USB (for updating firmware)
Terminal board outputs	Flashing lamp 24V, Brushless motor, Accessories power supply 24 VDC, 4 programmable outputs (one with relay)