

Model

640



FAAC BARRIER GATE SYSTEMS:

Access Control and Convenience
for Demanding Applications.



Model 640
Hydraulic Barrier Gate Operator



A white cabinet can be substituted for the standard FAAC orange at no extra charge

FAAC is the world's largest specialized manufacturer of automatic gate operating equipment.

FAAC USA
An ISO 9001 Certified Company

When Long Beams are Needed

The Model 640 is the ideal hydraulic barrier for controlling heavy traffic at wide entrances.

The 640 operates continuously, raising aluminum beams from 13 to 23 feet long in as little as 4 to 7 seconds.

Perfect Behavior

The 640 always stops smoothly

and gently, thanks to an adjustable electronic braking system which slows the beam down before the end of its travel when opening and closing. A heat sensor monitors the operator temperature, switching on a cooling fan when required.

Dedicated Logic

The 624 MPS control panel is standard with the 640. The electronic intelligence of the 640 offers three different control logics: automatic, semi-automatic and car park (P), the latter specifically designed for automatic car lots.

Flexibility

The 640 can be outfitted with a skirt to stop unauthorized entry under the barrier arm.

Foreseeing The Unexpected

An automatic barrier release system for power failure is available as an option.

The 624 MPS also features an emergency input which, for example, can be connected to a fire alarm...when the alarm is tripped, the barrier will open and stay open until reset.

Model 640 Specifications

Duty type

medium-high volume traffic control; wide entrances

Duty cycle at 72(F (24(C)

100% motor run time

Opening time

4-8 sec (depending on beam length)

Beam lengths 13-23 ft (4-7 m)

Beam types available

rigid, skirted

Beam materials available

rigid: aluminum and wood
skirted: aluminum

Power supply 230 VAC -10% to +6%; 60Hz

Motor horsepower 1/3 hp

Motor speed 1400-2800 rpm

Ambient temperature range

-13°F to 158°F (-25°C to 70°C)

Hydraulic locking positions

opened and closed

Cabinet dimensions (l x w x h)

7 7/8 x 14 15/16 x 42 1/2 in. (20 x 38 x 108 cm)

Cabinet weight (approx.) 200 lb (91 kg)

Electric motor single phase, bi-directional

Absorbed power 220 W

Current drawn 1 A

Pump delivery

2.11, 3.16, 4.22 pt/min (1, 1.5, 2 l/min)

Motor winding thermal cutout

248°F (120°C)

Torque 0-331.87 ft-lb (450 Nm)

Anti-crush system hydraulic valves (by-pass)

Mechanical deceleration adjustable

Casing anti-corrosion treatment

cataphoresis

Cabinet finish

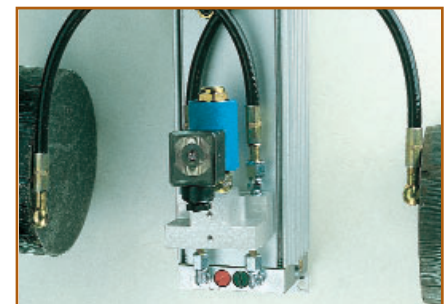
polyester paint, powder coated RAL 2004

Housing protection IP 55

Cooling automatic fan



Skirted beam kit



Bypass solenoid unit. Allows the beam to be opened manually in the event of a power failure.

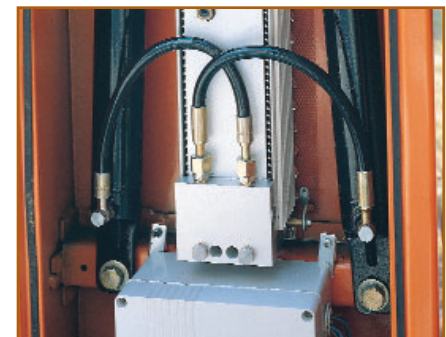
Note: Operator specifications are approximate. Environmental factors can change the performance of the operator. Your installer will advise you regarding which model of operator will work best for your site and application.



Access control accessories



Access control accessories



Anti-vandalism valve. Protects the integrity of the hydraulic system if the beam is forced.

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