

620 TT

FAAC

for beams of 3 m
opening closing time 1.4 seconds



■ New pocket



■ Self-supporting
barrier body



■ Use versatility

The "TT" version of the 620 offers the continuity solution to the traffic problem. It enables uninterrupted use frequency thanks to realtime detection of oil temperature. For 3 meters barriers speed is under 1.4 seconds.

■ Totally flexible

The FAAC 620 TT range is equipped with electronic deceleration at opening and closing. A version with articulated beam for low ceilings is available on request.

■ Long term reliability

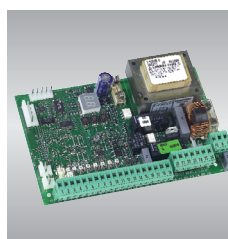
Use of cutting-edge materials and treatments such as cataphoresis and niplay, plus tried-and-tested FAAC hydraulic technology, all combine to ensure long-life.

■ Leading-edge technology

SMT microprocessor electronic technology is supplied standard to ensure exceptional performance. By means of an optional card, the barrier can also control auxiliary services and an additional opposing beam. Barrier statuses can be signalled to traffic control devices.

■ Electronic intelligence

The electronic intelligence of the 620 range functions by means of three differentiated logics: automatic, semi-automatic and parking (P) - the latter was expressly designed for automatic parking systems.



■ 624 BLD Control unit

SPECIFICATIONS

Automatic barrier for beams of 3 m • Use frequency 100% • Opening/closing time 1.4s • Actuating system consisting of hydraulic pump unit, plunger pistons, equaliser and transmission shaft • Balancing by compression spring • Internal stops adjustable for open or closed beam positions • Load bearing housing in steel protected by cataphoresis treatment and polyester powder paint RAL 2004 • Overall dimensions 200x380x1080 mm (LxWxH) • Protection class IP 44 • Release device accessible from the outside by triangular or customised key (optional) • Hydraulic pump unit with hydraulic locking on opening and closing • Electric motor power supply 230 Vac (+6% -10%) - 50(60) Hz • Electric motor power 220 W • Thermal protection at 120°C built into motor winding • Operating ambient temperature -20°C ÷ +55°C • Single-phase motor with two rotation directions (2.800 rpm) • Hydraulic gerotor pump (max low noise) • Pump flow rate 3.0 l/m • Die-cast distribution flange • Separate control of opening and closing force by by-pass valves • Tank in anodised aluminium • Mineral hydraulic oil with additives • Travel-limit deceleration • Adjustable deceleration angle by cams • Designed to accommodate round, round pivoting beams • Built-in electronic control board

1 Balancing spring
2 Hydraulic pump unit
3 Cylinders with plunger pistons
4 Release device by triangular key
5 624 BLD control board

Technical characteristics of 624 BLD control unit	
Power supply voltage	230 Vac(+6%-10%)-50 Hz
Absorbed power	7 W
Motor maximum load	300 W
Power supply for accessories	24 Vdc
Accessories max. current	500 mA
Ambient temperature	-20°C ÷ +55°C
Fuses	F1=F 5A-250 V F2=T 0,8A-250V
Function logics	Automatic, Automatic 1, Semiautomatic. Parking, Parkingautomatic, Condo, Condoautomatic, Dead-man, Remote, Custom
Work time	Programmable (from 0 to 4 min.)
Pause time	Programmable (from 0 to 4 min.)
Motor power	Programmable on 50 levels
Terminal board inputs	Loop1, Loop2, Open, Close, Closing safety devices, Stop, Emergency, Power supply 230 Vac + Earth
Connector inputs	Opening and closing limit-switch, Detector, Motor capacitor, Rod detachment sensor
Terminal board outputs	Flashing light, Fan, Motor, Power supply 24 Vdc, Fail-safe, Status output, Indicator light 24 Vdc, BUS
Rapid connector	5-pin Minidec board coupling, Decoder, Receiver RP/PR2
Programming	No. 3 keys (+, -, F) and display
Programmable functions	Logics, Pause time, Power, Loop1 and 2, Thrust torque, Pre/flashing, Slow closure, Deceleration time, Work time, Indicator light output, Fail-safe output, Status output, BUS output, Assistance request

A-A section
Rectangular barrier
25
105.3
90
Round barrier
85

Values in mm

