

620 SR

for beams up to 3 m



■ Use versatility

The "rapid" version of the FAAC 620 SR offers the continuity solution to the traffic problem. It enables uninterrupted use frequency thanks to real-time detection of oil temperature. For barriers of up to 3 metres in length, opening time is under 2 seconds.

■ Totally flexible

The FAAC 620 SR range is equipped with adjustable opening and closing electronic deceleration.

■ Long term reliability

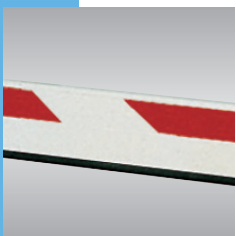
Use of cutting-edge materials and treatments such as cataphoresis and niproly, plus tried-and-tested FAAC hydraulic technology, all combine to ensure long-life.

■ Leading-edge technology

SMT microprocessor electronic technology is supplied standard to ensure exceptional performance. By means of an optional board, 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.



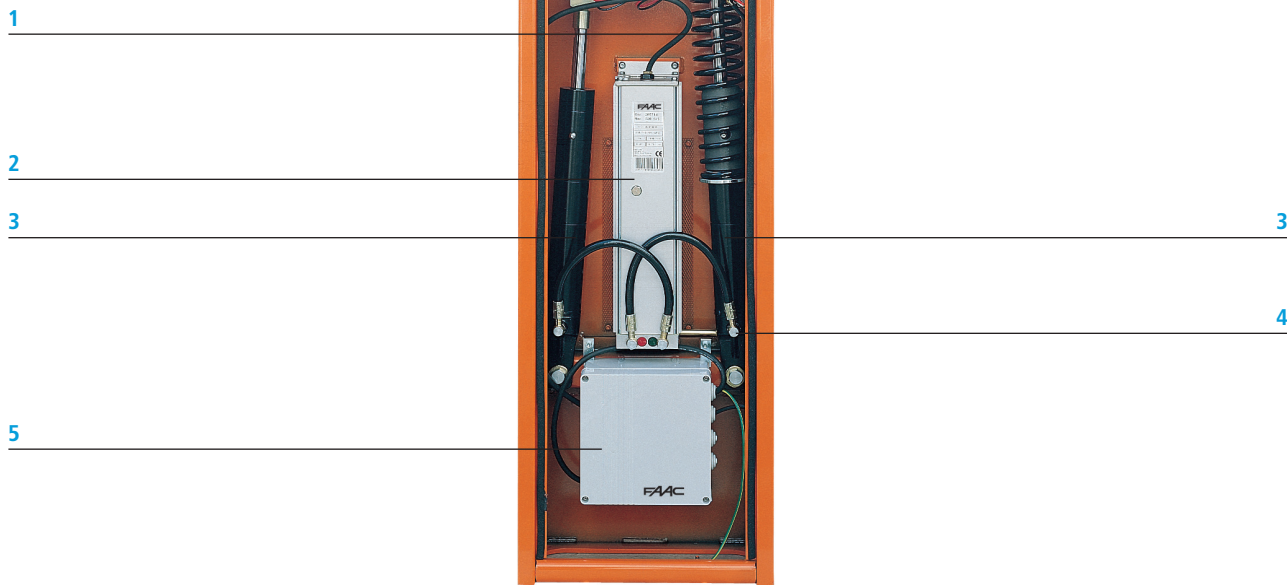
■ Beam



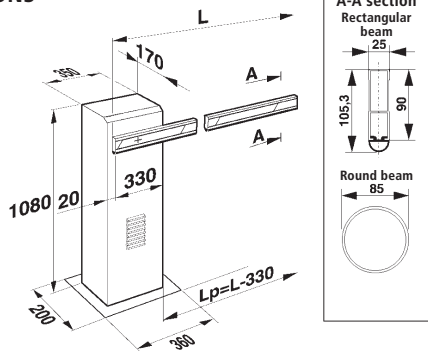
■ Self-supporting barrier body



- 1 Balancing spring
- 2 Hydraulic pump unit
- 3 Cylinders with plunger pistons
- 4 Release device by triangular key
- 5 625 MPS control board



DIMENSIONS



L = Beam length
LP = Transit space length

Values in mm

Technical characteristics of 625 MPS control board

Power supply	230 Vac (+6% -10%) 50 Hz
Motor maximum load	220 W
Accessories output	24 Vdc 500 mA max
Operating ambient temperature	-20°C ÷ +55°C
Three protection fuses	0.25 A transformer - 5 A motor - 1.6 A accessories
Enclosure dimensions	174x178x102 mm (LxHxD)
Protection class	IP 55

SMT technology

Programmable functions: - Three function logics - A/E/P, Pause times, Pre-flashing, Electronic deceleration (short or long), Operation of indicator-light

Inputs signalling LED, alarm and limit-switch

Terminal board outputs - Indicator-light, flashing Lamp

Terminal board inputs - Open, stop, safety devices, anti-panic

Rapid connectors for: Motor, limit-switch, decoding cards/card receivers, optional cards

Reset push-button

Technical characteristics	620 SR LH/RH
Power supply	230 Vac (+6% -10%) 50 (60) Hz
Electric motor	Single-phase, bi-directional
Absorbed power	220 W
Absorbed current	1 A
Motor rotation speed	2,800 rpm
Pump flow rate	3 l/min
Thermal protection on motor winding	130°C
Effective torque	0÷100 / 0÷80 Nm
Electronic deceleration	Adjustable with cams
Operating ambient temperature	-20°C ÷ +55°C
Weight	80 kg
Type of oil	FAAC HP OIL
Barrier body treatment	Cataphoresis
Paint	RAL 2004 polyester/stainless-steel
Protection class	IP 44
Cooling	Forced air
Type of beam	rectangular - round - pivoting round

Model	Use			Control board
	Beam max. length (m)	Opening time (s)	Use frequency (cycles/hour)	
620 SR LH/RH	3,00	ap. ch. 0,8/0,8	100	625 MPS built-in
	3,00	ap. ch. 0,8/2,2	100	625 MPS built-in