

560

hydraulic operator *for bi-folding doors* *for intensive use*



IDEAL FOR TWO-LEAF FOLDING DOORS

FAAC 560 was designed for automating bi-folding doors: it is fixed on one leaf only, and opens and closes by means of a telescopic arm.

PERFECT MOVEMENT

The FAAC hydraulic system and guide with telescopic arm ensure smooth, perfectly linear movement.

HIGHLY RELIABLE

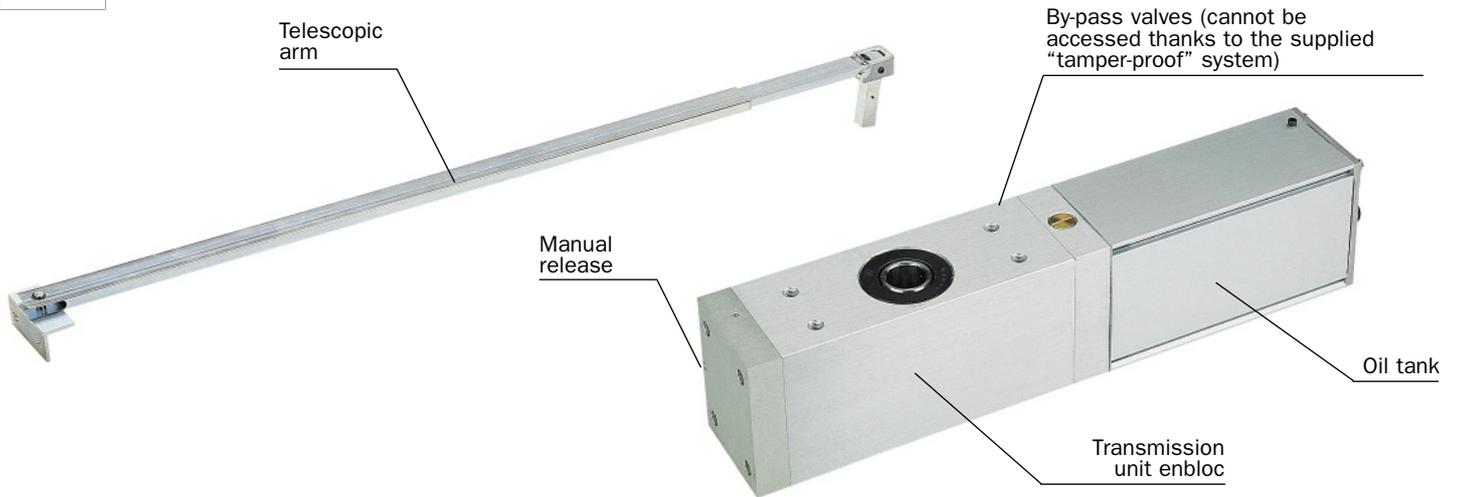
The electric motor, hydraulic pump and internal rack-and-pinion transmission system are compactly housed in a single block in anodised aluminium.

TOTAL SAFETY

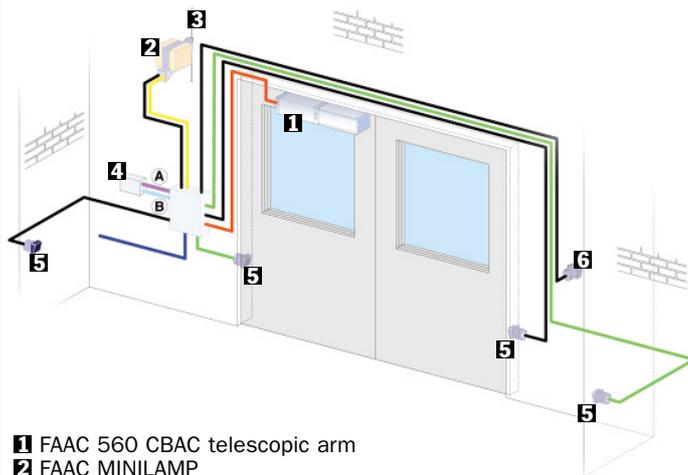
Thanks to the built-in hydraulic device, the closing locking facility provides anti-break-in protection. Total anti-crushing protection is provided, assured by a pair of adjustable by-pass valves. In all emergencies and in the event of a power-cut, the release device on the operator enables manual opening and closing.

SPECIFICATIONS

Hydraulic operator for bi-folding doors • Models with hydraulic locking at opening and closing and without hydraulic locking • Models suitable for max panel width up to 1.5 m • Telescopic arm application • Models with max torque 230 Nm and 320 Nm • Models with max use frequency 50 and 60 cycles/hour • Models with angular velocity 12.4°/s and 18.6°/s • Electric motor power supply 230 V (+6% -10%) - 50(60) Hz • Electric motor power 220 W • Thermal protection at 120°C built into motor winding • Overall dimensions (Length x Width x Height) 480x110x96 mm • Protection class IP55 • Operating ambient temperature -20°C +55°C • Single-phase motor with two rotation directions (1,400 rpm) • Hydraulic gerotor pump (max low noise) • Activation by rack piston and square transmission shaft • Operator enbloc in aluminium with NIPLOY treatment • Oil re-circulation system • Separate control of opening and closing force by by-pass valves with tamper-proof plate - Anti-crushing safety to UNI 8612 standard • Built-in manual release device • External release device with customised key (optional) • Tank in anodised aluminium • Mineral hydraulic oil with additives



INSTALLATION DIAGRAM SPECIMEN



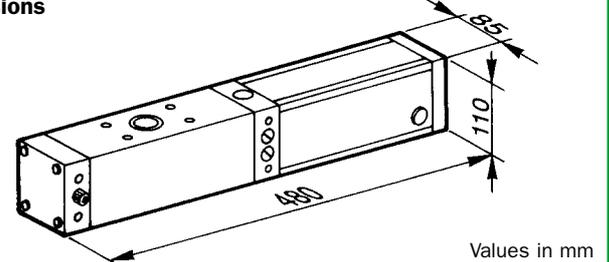
- 1** FAAC 560 CBAC telescopic arm
- 2** FAAC MINILAMP
- 3** FAAC PLUS 433 E
- 4** FAAC 410 MPS/MINIDEC DS
- 5** FAAC FOTOSWITCH
- 6** FAAC T10

Low voltage cabling		Power cabling (230V)	
(A)	4 cables 3x0,5	(B)	1 cable 3x1,5+T
	2 cables 2x0,5		1 cable 2x1,5+T
			1 cable 2x1,5

N.B: Cable diameters in mm²

Model	Use	
	Single panel max width (m)	Use frequency (cycles/hour)
560 CBAC	1,00	50
560 SB	1,50	50
560 CBACR	0,60	60

Dimensions



Values in mm

Electronic control equipment

Model	Specifications
410 MPS	See page 88
450 MPS	See page 88
460 P	See page 89

N.B.: Timed electronic deceleration is possible by using the 460 P equipment. By combining the device with GATECODER, in addition to electronic deceleration, the electronic obstacle detection function is also available. (see page 89)

Technical specifications	560 CBAC	560 SB	560 CBACR
Power supply	230 V~ (+6% -10%) 50 (60) Hz		
Electric motor	single-phase, bi-directional		
Absorbed power	220W		
Absorbed current	1A		
Effective torque	0÷320 Nm		0÷230 Nm
Angular velocity	12,4°/s		18,6°/s
Motor rotation speed	1.400 rpm		
Pump flow rate	1 l/min		1,5 l/min
Thermal protection on motor winding	120°C		
Operating ambient temperature	-20°C +55°C		
Weight with oil	12 kg		
Type of oil	FAAC OIL XD 220		
Protection class	IP 55		