

for counterbalanced up-and-over doors
for intensive use



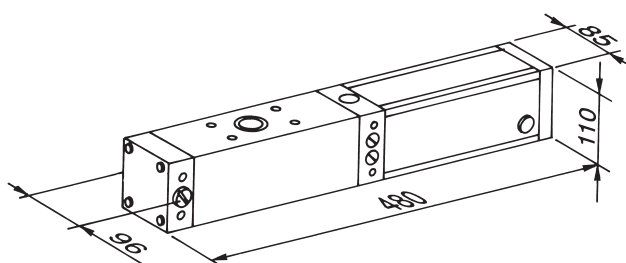
The degree of reliability of the FAAC hydraulic device cuts down on both maintenance costs and energy consumption. The external components in aluminium ensure unlimited life.



- 1 Oil level indicator
- 2 Oil tank
- 3 By-pass valves (cannot be accessed thanks to the supplied "tamper-proof" system)
- 4 Manual release

FAAC

DIMENSIONS



Values in mm

Technical specifications	580
Power supply	230 Vac (+6% -10%) 50 (60) Hz
Electric motor	Single-phase, bi-directional
Absorbed power	220 W
Absorbed current	1 A
Effective torque	0÷450 Nm
Angular velocity	9°15'/s
Motor rotation speed	1.400 rpm
Pump flow rate	0,75 l/min.
Thermal protection on motor winding	120°C
Operating ambient temperature	-40°C ÷ +55°C
Weight with oil	12 kg
Type of oil	FAAC HP OIL
Protection class	IP 55

Specifications of 596 MPS control board	
Power supply	230 Vac (+6% -10%) 50 (60) Hz
Maximum load of motors	500 W
Accessories output	24 Vdc 360 mA max
Operating ambient temperature	-20°C ÷ +55°C
Two protection fuses	5 A electric motor 0,5 A accessories
Enclosure dimensions mod. E	204x265x85 (LxHxD)
Protection class	IP 55

Programmable functions

- Function logics: automatic and semi-automatic
- Pause times
- Work times
- "Closing photocell" function logic
- Photocells fail safe

Terminal board outputs

- Motor, power supply for accessories, timed courtesy lamp

Terminal board inputs

- Open, stop, safety device, opening and closing limit-switch

SMT technology

Timed courtesy lamp

Model	Use			
	Door max dimensions W x H (m)	Door max weight (kg/sqm)	Use frequency (cycles/hour)	Control board
580 CBAC	3,50 x 3,00 (*)	15	60	Not included
580 SB	3,50 x 3,00 (*)	15	60	Not included

(*) For doors with width of over 3.50 m, install two operators.

NOTE: The operator 580 can be controlled also by 452 MPS, 455 D and 462 DF boards, thus enabling the timed electronic deceleration (See pages 124 - 130)