

950 BM - 950 BSM



continuous duty



■ A true work of art

The "range renewal" of FAAC's automatic door sector continues. The aim of the project is still the same: to offer the market competitive good quality products that are attractive to the eye, just as in a work of art. FAAC 950 BM (door closing automation with spring system) and the 950 BSM (door closing automation with spring-less motorised system) can be installed either on the door lintel or on the door itself (depending on which articulated arm is used). FAAC advises you "not to hide them but leave them well in view!". The housing's innovative shape and considerable styling impact, added to an 'anodised metal type' surface finish, make it very special - people will notice and recognise it immediately. Thanks to the housing's particular shape, a detection sensor (radar or passive infra-red) can be installed inside.

■ Its only fault: it's silent

The 950 electro-mechanical system, with direct-current motor and activation arm, means that door opening is controlled at the lowest operating noise level. The 950 operator works in complete silence in both the spring version and in the version with motorised closing.

■ ...but it's highly intelligent

Thanks to two electronic boards - 950 MPS (control board) and 950 I/O (input/output board), intelligent control is assured: a microprocessor provides real-time control of all the door's activities, and an encoder detects the angular position at all times. You can select the operation logic (automatic, manual, night, open) with a selector built into the automated system.

■ ...reliable and safe

This product is not just attractive, but is also sturdy, reliable and, above all, safe. In compliance with current safety regulations, speed and force are programmed according to the door's dimensions. If the door meets an obstacle, it re-opens immediately and, when it closes the next time, it verifies clearance of the obstacle at slow speed.



■ 950 BM operator
Housing in painted anodised aluminium



■ Articulated pushing arm



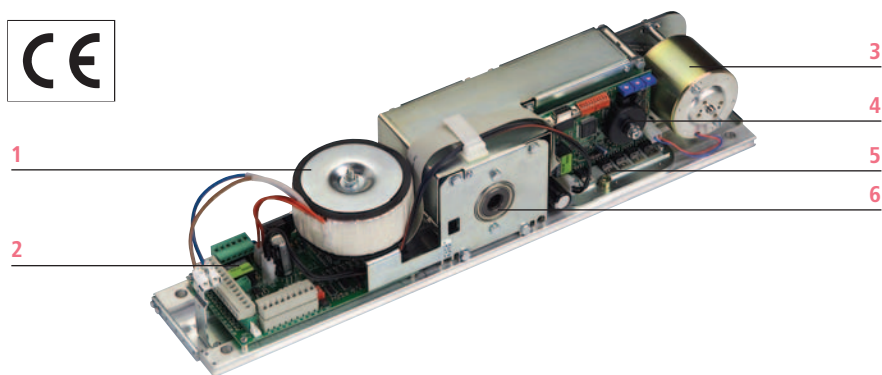
■ On slide arm



■ Functions selector
witch



■ Housing in anodised
aluminium



- 1 Toroidal transformer
- 2 950 I/O control board
- 3 Direct current motor
- 4 Encoder
- 5 950 MPS control board
- 6 Return spring

Technical specifications	950 BM - 950 BSM
Power supply	230 Vac (+6% -10%) 50 (60) Hz
Absorbed power	100 W
Use frequency	continuous
Drive unit	24 Vdc motor with encoder
Activation	electro-mechanical with return spring
Anti-crush device	standard
Dimensions	530 x 100 x 104 mm (wxhxd)
Weight	10 kg
Protection class	IP 23
Opening angle	70° ÷ 95°
Opening speed	adjustable from 30% to 100%
Closing speed	adjustable from 30% to 100%
Pause time	adjustable from 1 to 30 s
Standard operational functions	automatic-manual-open
Activating arms	articulated thrust articulated pull on slide

Standard functions

Function logics: AUTOMATIC - MANUAL - OPEN
 Self-learning of open and closed positions and measurement of door weight
 Anti-crush safety device active for both closing and opening
 Selectable "PUSH and GO" function (Opening commanded by simply pushing the door)
 Selectable "ANTI WIND" function (Ensures door stays closed even under strong wind)
 Manual operation in case of power cut
 Control trimmer for: motor tractive power, opening and closing speed, pause time
 Designed to accept installation of: microwave radar, passive infrared sensor, control push-buttons, photocells, electric locks, **KP Controller** programming unit padlock

Optional functions

The following functions can be obtained by using the **KP Controller** programming unit:

Function logics: AUTOMATIC - MANUAL - OPEN - ONE-WAY - NIGHT
 Opening and closing speed adjustment
 Pause time adjustment
 Adjustment of opening width
 Interlock function
 Master-Slave function for double-leaf doors
 Designed for installation of acoustic and illuminated transit signalling devices
 Self-diagnosis



Model	Use			
	Leaf length (mm)	Leaf max weight (kg) (with articulated pushing arm)	Leaf max weight (kg) (on slide short arm)	Leaf max weight (kg) (on slide arm)
950 BM	700	367	286	-
	750	320	249	-
	800	281	219	-
	850	249	-	194
	900	222	-	173
	950	199	-	155
	1000	180	-	140
	1050	163	-	127
	1100	149	-	116
	1150	136	-	106
	1200	125	-	97
	1250	115	-	90
	1300	107	-	83
	1350	99	-	77
1400	92	-	71	
950 BSM	700	130	100	-
	750	124	96	-
	800	118	92	-
	850	113	-	89
	900	108	-	85
	950	104	-	83
	1000	100	-	80