



Fabbrica Automatismi Apertura Cancelli

EXPECTED LIFETIME OF FAAC AUTOMATIC BARRIERS

For lifetime expectancy FAAC means the operational level without major check activities because of the breaking of some parts (to be replaced) , of course the real lifetime can be considered undetermined by proper and scheduled maintenance program .

This lifetime limit is something reachable only by hydraulic technology (very few components moving) , while in the electro mechanical one , because of the several components and gears submitted to ageing , the lifetime is related to the servicing break even (too many components to be replaced)

MODEL	AVERAGE THRESHOLD WITH NO MAJOR MAINTENANCE
615 STANDARD	400.000 cycles
615 RAPID	600.000 cycles

PARTS TO BE DETECTED IN THE SCHEDULED MAINTENANCE PROGRAM	
610 MPS CONTROL BOARD	Between 600.000 and 1.000.000 cycles check board relays status
HYDRAULIC PUMP UNIT	Between 600.000 and 1.000.000 cycles check blocking valves. At the end of the above lifetime expectancy replace hydraulic oil and sealing gaskets
PISTONS	Starting from 400.000 cycles check piston gasket in order to avoid the possible block weakening
BALANCING SPRINGS	Starting from 400.000 check the spring
MOTION GROUP	At the end of the above lifetime expectancy the worn of the bushings can get the shaft loose. Check bushings accordingly

MODEL	AVERAGE THRESHOLD WITH NO MAJOR MAINTENANCE
620 STANDARD	1.000.000 cycles
640 STANDARD	1.000.000 cycles

MODEL	AVERAGE THRESHOLD WITH NO MAJOR MAINTENANCE
620 RAPID	2.000.000 cycles
620 SUPER RAPID	2.000.000 cycles

PARTS TO BE DETECTED IN THE SCHEDULED MAINTENANCE PROGRAM	
624 MPS CONTROL BOARD	No checking up to the end of the above lifetime expectancy
HYDRAULIC PUMP UNIT	Between 600.000 and 1.000.000 cycles check blocking valves. At the end of the above lifetime expectancy replace hydraulic oil and sealing gaskets
PISTONS	Starting from 500.000 cycles check piston gasket in order to avoid the possible block weakening
BALANCING SPRINGS	Between 500.000 and 1.000.000 cycles check the spring
MOTION GROUP	Between 500.000 and 1.000.000 cycles check the ball joints of the balancing lever . At the end of the above lifetime expectancy the worn of the bushings can get the shaft loose . Check bushings accordingly .

