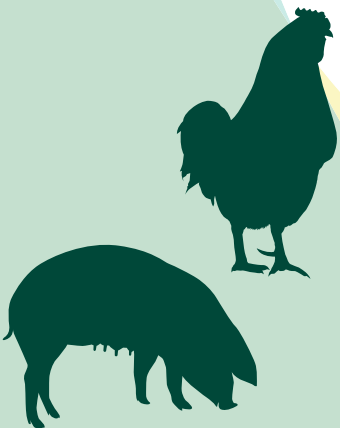


iM.60 | iM.125
LM.125 | LM.250

ACTUATORS

- Rugged construction
- Limit switches
- Feedback potentiometers
- Thermal protection
- Various strokes and capacities
- Practically maintenance free



iM.60 | iM.125 | LM.125 | LM.250 ACTUATORS

Air inlets, curtains or air inlet valves; Fancom has an actuator suitable for each type of air inlet system. In situations where less power is required, such as the control of air inlet valves and small air inlets, the iM.60 is ideal. For heavier work, the iM.125, LM.125, LM.250 are recommended.



iM.60

The iM.60 is a brushless motor with a far longer service life due to the lack of a sensitive collector with carbon brushes. This 24V actuator is controlled through an I/O network. This makes its installation considerably easier. The I/O connection also ensures a reliable control of the control computer. Choosing the iM.60 means choosing for reliability. Whatever the situation, the iM.60 will carry on working uninterrupted. The safety of your animals is the primary consideration. If the 24V power supply fails, the motor will continue controlling thanks to the built in batteries available as an optional extra. If the motor stops receiving data from the computer, the temperature sensor will take over the control of the computer, or will send the valve to

a predefined position. The iM.60 will give an alarm in these situations. You can take action using the manual operation on the actuator or a remote manual operation. The iM.60 has a current limiter which will switch off the actuator in an overload situation to prevent damage.

iM.125/LM.125/LM.250

These heavyweights from the iM/LM range of actuators are available in single phase and three phase versions. Long working life and reliable control are the most important characteristics. The iM.125 can be controlled by a 0-10V/10-0V voltage input for an analog control computer OR by a digital control computer on the I/O net.

Safe and reliable

The iM.60 and iM.125 are also suitable to control the Fantura air inlet system. A selector switch can be used to optionally control either the Fantura inlets or the standard (Greenline) inlets. All actuators are delivered as standard with a single or double driven axle to which either a cable reel, a pipe/chain coupling or a belt drum can be mounted. The actuators can be fitted with a CE-safety cover which screens the moving parts. Adjustable end switches are provided as standard on all Fancom actuators to limit the control area. Built in contactless position sensors have a much longer service life than the traditional potentiometers and ensure a reliable feedback of the actual inlet or curtain positions to the computer.

type	power supply	frequency	current A	capacity kW	thermal protection	torque Nm	tensile force kg Ø50 mm	tensile force kg Ø80 mm	tensile force kg Ø106 mm	min/max stroke cm Ø50mm	min/max stroke cm Ø80mm	min/max stroke cm Ø106mm	running speed revs/min 50/60Hz
iM.125	230Vac	50/60Hz	1.0/1.2	0.09	yes	125	450	300	225	23-195	35-300	50-400	2.0 / 2.4
LM.125	230Vac	50/60Hz	1.0/1.2	0.09	yes	125	450	300	225	23-195	35-300	50-400	2.0 / 2.4
LM.250	230Vac	50/60Hz	1.8/2.3	0.18	yes	250	---	625	475	---	35-300	50-400	2.0 / 2.4
LM.125	400Vac	50/60Hz	0.5	0.09	yes	125	450	300	225	23-195	35-300	50-400	2.0 / 2.4
LM.250	400Vac	50/60Hz	0.6	0.12	yes	250	---	625	475	---	35-300	50-400	2.0 / 2.4
LM.125	3x230V	50/60Hz	0.8	0.09	no	125	450	300	225	23-195	35-300	50-400	2.0 / 2.4
LM250	3x230V	50/60Hz	1.0	0.12	no	250	---	625	475	---	35-300	50-400	2.0 / 2.4

type	power supply	frequency	current A	capacity W	current protection	pulling torque Nm	holding torque Nm	tensile force 50/65mm Kg	holding force 50/56 mm Kg	min. no. revs	max. no. revs.	running speed revs/min	min/max stroke (Ø50mm)	min/max stroke (Ø60mm)
iM.60	24Vac	50/60Hz	0.8	20	yes	60	50	210/160	175/135	0.7	2.7	1.2	11-40 cm	15-53 cm