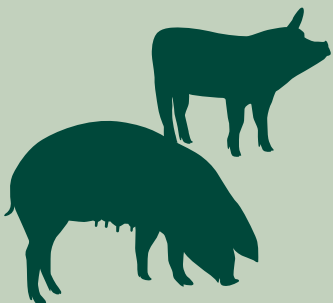




iM.60 | LM.125 | LM.250

ACTUATORS

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



IM.60 | LM.125 | LM.250 ACTUATORS

FANCOM® has an actuator suitable for use with curtains or air inlet systems. In situations where a smaller actuator is needed for the control of air inlets, the iM.60 is ideal. For heavier work, the LM.125 or LM.250 is recommended.



IM.60

The FANCOM® iM.60 Actuator has a brushless motor for a long service life. This 24-volt actuator is controlled through a computer network. This makes its installation considerably easier and ensures reliable control of the actuator. The standard iM.60 is equipped with a single drive axle to which either a cable reel, a pipe/chain coupling or a belt drum can be mounted. Whatever the situation, the reliable iM.60 Actuator will work uninterrupted. The safety of your animals is the primary consideration. If the 24V power supply fails, the motor can continue operation thanks to optional built-in batteries. If the motor stops receiving data

from the computer, the temperature sensor will take control of the actuator or will set the inlet to a predefined position. At the time, the iM.60 will signal an alarm. The producer can manually operate the actuator. The iM.60 features a current limiter which will switch off the actuator in an overload situation to prevent damage.

LM.125/LM.250

These heavy duty performers from the FANCOM LM range of actuators are available in single phase and three phase electrical versions. Offering reliable control and a long working life, the LM.125 and LM.250 versions have a double drive shaft.

The LM.125 features a two-inch (50 mm) diameter shaft while the LM.250 has a three-inch (80 mm) or four-inch (106 mm) diameter shaft to which one or two cable reels for cable drive or a one-inch (25 mm) pipe/chain coupling for a pipe drive can be mounted.

Safe and reliable

The actuators can be fitted with a CE-safety cover which encloses the moving parts. Adjustable end switches are provided as standard on all FANCOM Actuators to limit the control area. Built in potentiometers allow the computer to reliably track air inlet or curtain openings.

Type	Power supply	Frequency	Current	Power	Thermal protection	Torque	Speed 50/60Hz	Tensile force				Min - Max stroke			
								Ø50mm	Ø65mm	Ø80mm	Ø106mm	Ø50mm	Ø65mm	Ø80mm	Ø106mm
	Vac	Hz	A	W		inch-lbf	rpm	lbs	lbs	lbs	lbs	inch	inch	inch	inch
iM.60	24	50/60	0.8	20	yes	531*	1.2	551**	419**	---	---	4.3-15.7	5.9-20.9	---	---
LM.125	240	60	1.2	90	yes	1106	2.4	992	---	661	496	9.1-76.8	---	13.8-118.1	19.7-157.5
LM.125	400	50/60	0.5	90	yes	1106	2.0/2.4	992	---	661	496	9.1-76.8	---	13.8-118.1	19.7-157.5
LM.125	3x230	50/60	0.8	90	no	1106	2.0/2.4	992	---	661	496	9.1-76.8	---	13.8-118.1	19.7-157.5
LM.250	240	60	2.3	180	yes	2213	2.4	---	---	1378	1047	---	---	13.8-118.1	19.7-157.5
LM.250	400	50/60	0.6	120	yes	2213	2.0/2.4	---	---	1378	1047	---	---	13.8-118.1	19.7-157.5
LM.250	3x230	50/60	1.0	120	no	2213	2.0/2.4	---	---	1378	1047	---	---	13.8-118.1	19.7-157.5

* holding torque = 354 inch-lbf

** holding force Ø50 = 368 lbs ; Ø65 = 280 lbs