
Actuation Technologies Product Notice

Date: Sept 15, 2022
Product Notice: 1ph 110-120V – Modulating
Subject: BIFFI F01

After an evaluation of our portfolio and product variant offering, the decision was made to discontinue **Modulating Duty configuration option** in **1ph 110-120V** for **F01#2000 -BIFFI**

1ph 110-120V Power supply will remain as an available selection for On/Off short time duty application F01#2000 -BIFFI

Actuator Models Involved:

BIFFI

F01-150

F01-300

F01-600



Sizing tool CLM -Legacy

Sizing and Configurator CLM-Legacy tool is updated:

Modulating S4-50% 1200 starts/hour is no longer selectable and quotable with the **1ph Power supply – 110/120V** for **F01#2000** electric actuator.

Global Price Book

Modulating S4-50% 1200 starts/hour is no longer selectable and quotable with the 1ph Power supply – 110/120V for F01#2000 electric actuator.

The Global Price Book will be revised at the next document review.

F01 - modulating					
F01 150 - F01 600					
Intermittent periodic duty (S4-50% - 1200 St/h)					
Valve		Actuator			
Nominal output torque	Valve attachment	model	Electric operating time	Electric Operating time (60Hz)	GPL price
Nm	Flange according to EN ISO 5211		Sec/90°	Sec/90°	Euro
			ET 50Hz	ET 60Hz	
150	F10/07	F01 150	60	50	
			45	37	
			30	25	
			15	12	
			12	10	
			6	5	
300	F10/07	F01 300	60	50	
			45	37	
			30	25	
			15	12	
			12	10	
			6	5	
600	F12/10	F01 600	60	50	
			45	37	
			30	25	
			15	12	

Technical info

~~Single-phase supply from 110V to 120V/50-60 Hz with voltage tolerance +/- 10%~~

Single-phase supply from 220V to 240V/50-60 Hz with voltage tolerance +/- 10%

Integral starter on board

Local push-buttons (OPEN/YES, CLOSE/NO, STOP)

Nominal output torque is configurable from 40% (minimum torque) to 100% (nominal torque)

Stall Torque will be up to 2 times the Nominal Torque depending on speed and voltage.

Maximum torque that electric actuator develops when the motor is energized and the output drive is locked.

Standard ambient temperature range from -4°F to 149°F (-20°C to 65°C)

Operation angle 90° (extra stroke of 5° for each direction of rotation)

Empty cell means model not available

Plastic conduit entry plugs for transport are included as standard.

Metal plugs must be specified when explosion-proof protection is required (add Option)

SH. 22

Obsolescence Schedule:

- Cease quotation by **01 Sept, 2022**
- *All quotations will be valid until **01 Sept , 2022** only
- Deadline for last-time buy – **01 Sept, 2022**
- Availability of Spare parts components - **On-going**



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- Customer service and engineering support - **On-going**

Literature and Technical Information :

For further information, please contact your Actuation Technologies' Regional Sales Representative,
For more contact information visit EMERSON website.

Thank you for your continuing commitment to our products and we look forward to addressing your
future actuator and process control needs