

THERMAL JACKET

F2A has developed a specific thermal protection dedicated to actuators. Our solutions comply with high temperature requirements up to 400°C / 2h.

Our thermal jackets are compatible with every actuator brand. The fire resistance tests have been carried out by independent laboratories.



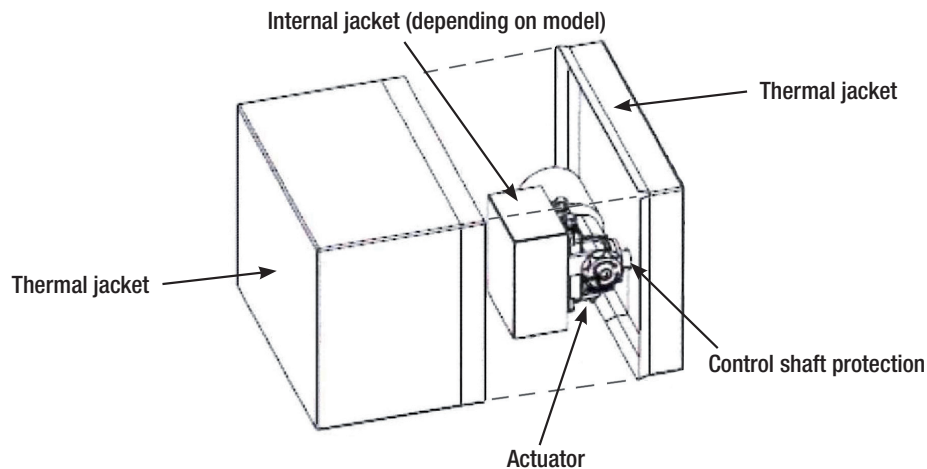
Tested in independent laboratories



TEST PROTOCOL 400°C / 2H

- The test bench enables the simulation of a resisting torque
- The actuator is placed into a 400°C oven
- Opening / closing operations every 30 minutes during 2h
- Temperature measures by thermocouples:
 - ◇ On the motor unit
 - ◇ Inside the thermal jacket

DEVICE'S DRAWING



The thermal jacket is composed of two casings fastened together by Velcro® strips all around, as well as tightening straps.

MATERIALS

Thermal jacket for actuator	
Jacket	Glass fabric coated polyurethane
	Kevlar thread for high mechanical resistance
Fastening	Tightening strap with stainless steel fasteners <i>Velcro® strips for easy closing of the thermal jacket protection</i>
Dimensions	<i>Custom-made: depending on actuator model</i>

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CUSTOM-MADE SOLUTIONS

According to the actuator sized to control the damper, the templates are custom-made by our engineering department.

The materials are manually assembled in order to ensure an optimal finishing of our products

INSTALLATION RECOMMENDATIONS

In order to ensure a maximal thermal protection, the following safety procedures must be followed:

