# **SELA 50**

Stroke 200 / 300 / 400mm





#### Linear Drive Actuator / 230V ac / 500N

Highly versatile linear actuator mainly used for sloping vent and roof light Environmental ventilation applications.

Sliding fixing bracket allows easy installation.

Standard finish is silver anodised aluminium

### Orientation







Roof Vent

#### **Accreditations**



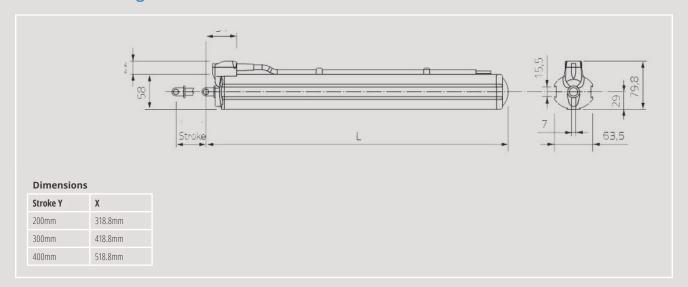
## **Applications**



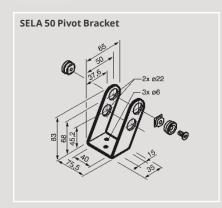


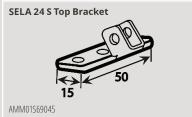
Voltage to 230V linear actuators must be switched off after each operation with a rest period required between cycles.

## **Technical Drawing**



## **Brackets**





These actuators require operation from a 230V ac control unit. Contact an SE Controls sales representative for recommendations.

## **Technical Data**

Actuator Type Linear  Actuator Type Motorised  Voltage (all +/-6%) 230V ac  Current Draw (Amp) 0.75A  Consumption (without load) 175W  Consumption (with load) 175W  Stroke 200/300/400mm  Operating Speed 12mm/s  Ambient Operating Temp -1-0°C + 40°C  Thrust Force 500N  Close Force 500N  Switching Physical Limit Type of Switch Micro switch Standard Finish Silver Anodised Window Min. Height Flex Length Flex Type 4 core / black PVC 0.75mm Insulation Class IP Rating IP55 Product Warranty 10,000 STROKES Weight 1.81kg/1.94kg/2.1kg Face Fix NO Through Body Fix Clamp Ring U Bracket VYES Open In Application Environmental Ventilation		
Actuator Type  Voltage (all +/-6%)  Current Draw (Amp)  Consumption (without load)  175W  Consumption (with load)  Stroke  200/300/400mm  Operating Speed  12mm/s  Ambient Operating Temp  Thrust Force  Close Force  Soun  Switching  Physical Limit  Type of Switch  Standard Finish  Silver Anodised  Window Min. Height  Flex Length  Flex Type  1200mm  Flex Type  4 core / black PVC 0.75mm  Insulation Class  IP Rating  Product Warranty  Weight  1.81kg/1.94kg/2.1kg  Face Fix  NO  Through Body Fix  Open In  NO	Actuator	SELA50
Voltage (all +/-6%)         230V ac           Current Draw (Amp)         0.75A           Consumption (without load)         175W           Stroke         200/300/400mm           Operating Speed         12mm/s           Ambient Operating Temp         -10°C + 40°C           Thrust Force         500N           Close Force         500N           Switching         Physical Limit           Type of Switch         Micro switch           Standard Finish         Silver Anodised           Window Min. Height         Contact for details           Flex Length         1200mm           Flex Type         4 core / black PVC 0.75mm           Insulation Class         F           IP Rating         IP55           Product Warranty         10,000 STROKES           Weight         1.81kg/1.94kg/2.1kg           Face Fix         NO           Through Body Fix         NO           Open In         NO	Туре	Linear
Current Draw (Amp)         0.75A           Consumption (without load)         175W           Stroke         200/300/400mm           Operating Speed         12mm/s           Ambient Operating Temp         -10°C + 40°C           Thrust Force         500N           Close Force         500N           Switching         Physical Limit           Type of Switch         Micro switch           Standard Finish         Silver Anodised           Window Min. Height         Contact for details           Flex Length         1200mm           Flex Type         4 core / black PVC 0.75mm           Insulation Class         F           IP Rating         IP55           Product Warranty         10,000 STROKES           Weight         1.81kg/1.94kg/2.1kg           Face Fix         NO           Through Body Fix         NO           Open In         NO	Actuator Type	Motorised
Consumption (without load)  Consumption (with load)  Stroke  200/300/400mm  Operating Speed  Ambient Operating Temp  Thrust Force  Close Force  Soun  Switching  Physical Limit  Type of Switch  Standard Finish  Window Min. Height  Flex Length  Flex Type  4 core / black PVC 0.75mm  Insulation Class  IP Rating  Product Warranty  Weight  Face Fix  No  Through Body Fix  Consumption (with load)  175W  200/300/400mm  10°C + 40°C  500N  Micro switch  Micro switch  Silver Anodised  Contact for details  F  4 core / black PVC 0.75mm  Insulation Class  F  No  Through Body Fix  No  Clamp Ring  No  U Bracket  YES  Open In	Voltage (all +/-6%)	230V ac
Consumption (with load)         175W           Stroke         200/300/400mm           Operating Speed         12mm/s           Ambient Operating Temp         -10°C + 40°C           Thrust Force         500N           Close Force         500N           Switching         Physical Limit           Type of Switch         Micro switch           Standard Finish         Silver Anodised           Window Min. Height         Contact for details           Flex Length         1200mm           Flex Type         4 core / black PVC 0.75mm           Insulation Class         F           IP Rating         IP55           Product Warranty         10,000 STROKES           Weight         1.81kg/1.94kg/2.1kg           Face Fix         NO           Through Body Fix         NO           Clamp Ring         NO           U Bracket         YES           Open In         NO	Current Draw (Amp)	0.75A
Stroke 200/300/400mm  Operating Speed 12mm/s  Ambient Operating Temp -10°C + 40°C  Thrust Force 500N  Close Force 500N  Switching Physical Limit  Type of Switch Micro switch  Standard Finish Silver Anodised  Window Min. Height Contact for details  Flex Length 1200mm  Flex Type 4 core / black PVC 0.75mm  Insulation Class F  IP Rating IP55  Product Warranty 10,000 STROKES  Weight 1.81kg/1.94kg/2.1kg  Face Fix NO  Through Body Fix NO  Clamp RIng NO  U Bracket YES  Open In NO	Consumption (without load)	175W
Operating Speed  Ambient Operating Temp  -10°C+40°C  Thrust Force  500N  Close Force  500N  Switching  Physical Limit  Type of Switch  Micro switch  Standard Finish  Silver Anodised  Window Min. Height  Contact for details  Flex Length  Flex Type  4 core / black PVC 0.75mm  Insulation Class  IP Rating  IP55  Product Warranty  10,000 STROKES  Weight  1.81kg/1.94kg/2.1kg  Face Fix  NO  Through Body Fix  Clamp Ring  NO  U Bracket  Open In	Consumption (with load)	175W
Ambient Operating Temp Thrust Force 500N  Close Force 500N  Switching Physical Limit Type of Switch Micro switch Standard Finish Silver Anodised Window Min. Height Contact for details  Flex Length 1200mm Flex Type 4 core / black PVC 0.75mm Insulation Class F IP Rating IP55 Product Warranty 10,000 STROKES Weight 1.81kg/1.94kg/2.1kg Face Fix NO Through Body Fix Clamp RIng NO U Bracket Open In NO	Stroke	200/300/400mm
Thrust Force 500N  Close Force 500N  Switching Physical Limit  Type of Switch Micro switch  Standard Finish Silver Anodised  Window Min. Height Contact for details  Flex Length 1200mm  Flex Type 4 core / black PVC 0.75mm  Insulation Class F  IP Rating IP55  Product Warranty 10,000 STROKES  Weight 1.81kg/1.94kg/2.1kg  Face Fix NO  Through Body Fix NO  Clamp Ring NO  U Bracket YES  Open In	Operating Speed	12mm/s
Close Force 500N  Switching Physical Limit  Type of Switch Micro switch  Standard Finish Silver Anodised  Window Min. Height Contact for details  Flex Length 1200mm  Flex Type 4 core / black PVC 0.75mm  Insulation Class F  IP Rating IP55  Product Warranty 10,000 STROKES  Weight 1.81kg/1.94kg/2.1kg  Face Fix NO  Through Body Fix NO  Clamp RIng NO  U Bracket YES  Open In NO	Ambient Operating Temp	-10°C + 40°C
Switching Type of Switch Micro switch Standard Finish Silver Anodised Window Min. Height Contact for details Flex Length 1200mm Flex Type 4 core / black PVC 0.75mm Insulation Class IP Rating IP55 Product Warranty 10,000 STROKES Weight 1.81kg/1.94kg/2.1kg Face Fix NO Through Body Fix Clamp Ring NO U Bracket Open In NO	Thrust Force	500N
Type of Switch  Standard Finish  Silver Anodised  Window Min. Height  Contact for details  Flex Length  1200mm  Flex Type  4 core / black PVC 0.75mm  Insulation Class  F  IP Rating  Product Warranty  10,000 STROKES  Weight  1.81kg/1.94kg/2.1kg  Face Fix  NO  Through Body Fix  Clamp RIng  U Bracket  Open In  Micro switch  Micro switch  Silver Anodised  Nountation  1200mm  Ptoto.75mm  Insulation Class  IP Nountation  Nountat	Close Force	500N
Standard Finish  Window Min. Height  Flex Length  Flex Type  Insulation Class  IP Rating  Product Warranty  Weight  Face Fix  Through Body Fix  Clamp RIng  U Bracket  Open In  Silver Anodised  Contact for details  1200mm  1200mm  4 core / black PVC 0.75mm  Insulation Class  F  IP Rome  10,000 STROKES  NO  NO  NO  NO  NO  NO  NO  NO  NO  N	Switching	Physical Limit
Window Min. Height  Flex Length  Flex Type  4 core / black PVC 0.75mm  Insulation Class  IP Rating  Product Warranty  Weight  1.81kg/1.94kg/2.1kg  Face Fix  NO  Through Body Fix  Clamp RIng  U Bracket  Open In  Contact for details  Contact for details  1200mm  F  10,000 STROKES  NO  NO  Through Body Fix  NO  NO  NO	Type of Switch	Micro switch
Flex Length         1200mm           Flex Type         4 core / black PVC 0.75mm           Insulation Class         F           IP Rating         IP55           Product Warranty         10,000 STROKES           Weight         1.81kg/1.94kg/2.1kg           Face Fix         NO           Through Body Fix         NO           Clamp RIng         NO           U Bracket         YES           Open In         NO	Standard Finish	Silver Anodised
Flex Type	Window Min. Height	Contact for details
Insulation Class  IP Rating  IP55  Product Warranty  10,000 STROKES  Weight  1.81kg/1.94kg/2.1kg  Face Fix  NO  Through Body Fix  NO  Clamp RIng  U Bracket  Open In  NO	Flex Length	1200mm
IP Rating Product Warranty 10,000 STROKES Weight 1.81kg/1.94kg/2.1kg Face Fix NO Through Body Fix Clamp RIng NO U Bracket Open In NO	Flex Type	4 core / black PVC 0.75mm
Product Warranty         10,000 STROKES           Weight         1.81kg/1.94kg/2.1kg           Face Fix         NO           Through Body Fix         NO           Clamp RIng         NO           U Bracket         YES           Open In         NO	Insulation Class	F
Weight         1.81kg/1.94kg/2.1kg           Face Fix         NO           Through Body Fix         NO           Clamp Ring         NO           U Bracket         YES           Open In         NO	IP Rating	IP55
Face Fix N0 Through Body Fix N0 Clamp Ring N0 U Bracket YES Open In N0	Product Warranty	10,000 STROKES
Through Body Fix NO Clamp Ring NO U Bracket YES Open In NO	Weight	1.81kg/1.94kg/2.1kg
Clamp Ring NO U Bracket YES Open In NO	Face Fix	NO
U Bracket YES Open In NO	Through Body Fix	NO
Open In NO	Clamp Ring	NO
•	U Bracket	YES
Application   Environmental Ventilation	Open In	NO
	Application	Environmental Ventilation

## **Product Codes**

Silver Anodised	Operating Voltage	Force	Stroke Y
DAM05000200	230V ac	500N	200mm
DAM05000300	230V ac	500N	300mm
DAM05000400	230V ac	500N	400mm