

PRODUCT DATASHEET

LM1000 Spindle Actuator

Suitable for use in smoke and natural ventilators

Technical

Voltage: 24 Vdc +/- 15%

Operating current:

N type: 1.0A

E type: 1.7A

Load Speed: 8 mm/s

Stroke: 100-1,000mm

Push/Pull forces : 1000N

Clamping forces: 5,000N
(based on manufacturers bracket)

Housing: Extruded Aluminum

Finishes: Anodized RAL9006

Cable: 1 meter silicon cable

Ingress Protection: IP 54

Endurance: 10,000 cycles
30% duty cycle

Weight : 3.6kg (1000mm)

Synchronization: external or internal



Description

Designed for general application of window and façade automation system. Ideal for natural and smoke ventilation application. Strong linear actuator for used in heavy roof ventilator or big windows.

Features

- Strong linear actuator for up to 1000N, and 1000mm stroke.
- Corrosion resistance.
- Meets B300 (300°C 30 Mins) EN 12101-2 annex G.
- Meets EN12101-2 annex C cycling test for 10,000 cycles.
- Option :soft opening, water seal relief and finger protection.
- High speed version available to open 600mm in 60 seconds.
- Smart version available for network control installation.
- Micro processor controlled synchronization up to 8 actuators when order (E) version.

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Dimension



stroke mm	Eye bolt to Eye bolt X (mm)	Recommended mounting method
100	503	U bracket
200	603	U bracket
300	703	U/Clamp ring
400	803	U/Clamp ring
500	903	U/Clamp ring
600	1003	U/Clamp ring
700	1103	U/Clamp ring
800	1203	U/Clamp ring
900	1303	U/Clamp ring
1000	1403	U/Clamp ring

Order code	Description
S10.N.D.100.A.L0	Spindle actuator, 1000N, Stroke 100mm, (bracket not included)
S10.N.D.300.A.L0	Spindle actuator, 1000N, Stroke 300mm, (bracket not included)
S10.N.D.500.A.L0	Spindle actuator, 1000N, Stroke 500mm, (bracket not included)
S10.N.D.700.A.L0	Spindle actuator, 1000N, Stroke 700mm, (bracket not included)
S10.N.D.1K0.A.L0	Spindle actuator, 1000N, Stroke 1000mm, (bracket not included)
S10.E.D.300.A.L1	Spindle actuator, 1000N, Stroke 300mm, intelligent (bracket not included)
S10.E.D.500.A.L1	Spindle actuator, 1000N, Stroke 500mm, intelligent (bracket not included)
S10.E.D.700.A.L1	Spindle actuator, 1000N, Stroke 700mm, intelligent (bracket not included)
S10.E.D.1K0.A.L1	Spindle actuator, 1000N, Stroke 1000mm, intelligent (bracket not included)
S10.B.S.030.U	1000N Linear Actuator Bracket Set, U type, stainless steel 3mm thickness, height 30mm
S10.B.S.090.U.S2	1000/1500N Linear Actuator Bracket Set, O+U type, height 90mm

How to order VARIANCES

S10

S10 = 1000N
S06 = 600N

N

N = normal
E = intelligent

D

D = 24Vdc
A = 230Vac

XXX

Stroke
1000mm = 1K0
500mm = 500
250mm = 250

A

A = Anodized
S = Silver
(RAL 9006)
B = Black



Use of improper brackets will damage windows and actuators or reduce their useful life, please contact our sales for special brackets supply. The brackets drawings are updated from time to time, visit our website for more information.

