Electric Chain Window Actuator

LS-D series
Chain actuator 800N / 1200N

Description

Power 24VDC dual chain drive actuator is suitable for many automated window applications, including top hung, bottom hung and side hung windows.

● Available in various strokes

● For comfort ventilation

● For smoke ventilation EN12101-2

● Designed for surface mounting

● Can be linked to other LS-D actuators for larger window

● 24VDC operation

● To be used with most of windows types

● Built in electronic load switch off/end stop

● Tested with 10,000 opening and closing movements

● VDE silicon cable and stainless chain

● Overload protection

● Protection Grade : IP32

● To be used together with ±24VDC control units

● Easy mounting

● Anodised silver finish standard, RAL colours available

Technical specifications

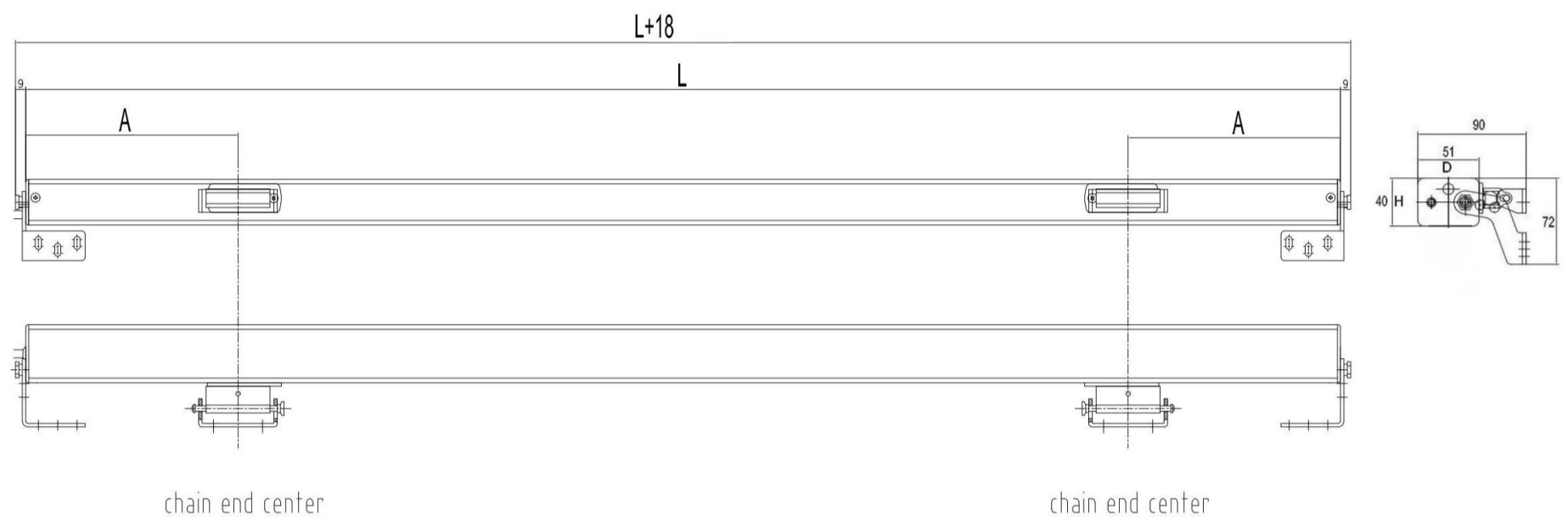| Model	LS-D
Nominal Voltage	24VDC±10%
Max.force	800N-1200N
Stroke	100-1000mm
Full load current	2A
Opening speed (mm/s)	7-17
Protection Degree	IP32
Life Span	10,000
Switch-on-duration	ED 40% (max. 4min. per 10min)
Operating temperatures	-10°C-- +65°C
Size	40 x 51mm (H x D), length (L) depending on stroke – see table
Parallel connection possibility	YES
Safety stops	electronic
Standard Cable length	1.5m
Colour	Anodized aluminium. RAL colours available with extra cost
Window types	Top-hung, bottom-hung, pivot and side hung windows
Accessory options	Outward opening brackets, inward opening brackets
Note	We reserve the right to make technical changes.

Window types

Top hinged window

Bottom hinged window

Side hinged window

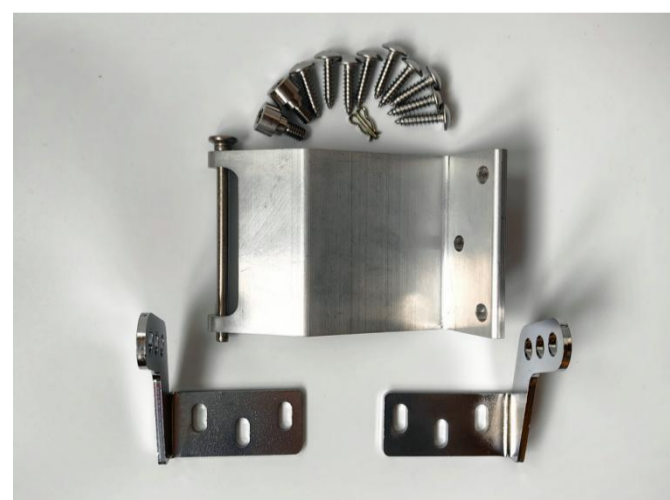## Dimension

Model	Stroke (mm)	Length(L) (mm) (incl screws+18mm)	Height (H) (mm)	Depth(D) (mm)	Dimension (A) (mm)
LS-D-300-DC24	300	800	40	51	175
LS-D-400-DC24	400	900	40	51	175
LS-D-600-DC24	600	1100	40	51	175
LS-D-800-DC24	800	1300	40	51	175
LS-D-1000-DC24	1000	1500	40	51	175

Accessory options

Bracket set for outward opening

Bracket set for inward opening