

Benefits

- Can be used for openings for smoke ventilation; D+H Euro SHEV in accordance with EN 12101-2; and for daily natural ventilation
- Certified for Smoke & Heat Extraction (SHE).

Applications

- For use in high humidity environments (ie: greenhouses, pools, etc.)
- For automation of awning windows, hopper windows, casement windows, curtain wall vents or skylights.
- For commercial, institutional and residential projects, including schools, universities, municipal buildings, offices, gymnasiums, homes, condos, and more.
- Natural Ventilation systems, such as operable windows and skylights, save energy and lower operating costs by reducing air conditioning and heating use.
- LEED credits for green building projects can be earned under Indoor Environmental Quality for Natural Ventilation, Daylighting and Views.
- Smoke Evacuation systems reduce smoke, heat and casualties during a fire; AFI actuators are SHE certified.

Features

- Nominal force: Up to 300-1500N (67-337 lbf)
- High-speed function (HS) for especially fast opening windows in case of fire (SHEV)
- Direct control via 24V DC
- Option of up to 4 drives in one synchronous group

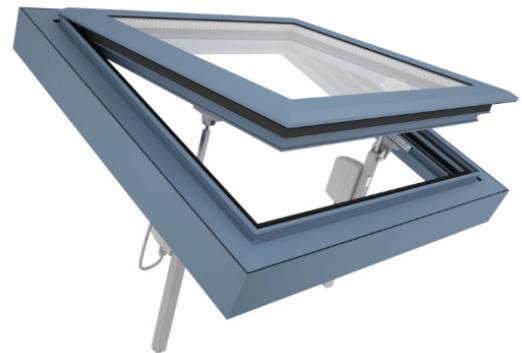
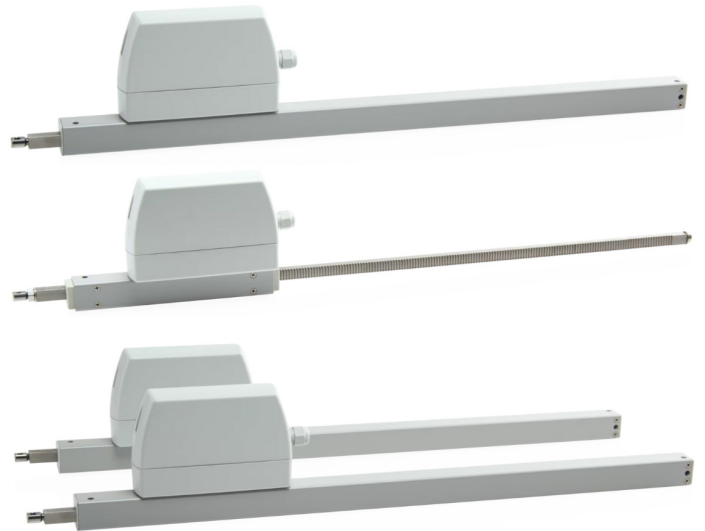
ZA Series

Part #	Force
ZA35-BSY+	300N (67 lbf)
ZA85-BSY+	800N (180 lbf)
ZA105-BSY+	1000N (225 lbf)
ZA155-BSY+	1500N (337 lbf)

Specifications

Supply voltage	24VDC (-15% / +50%)
Nom. Current draw	0.5A/1.0A/1.2A/1.4A
Limit stop	Yes
Stroke (approx)	80-500mm
Force	300N/800N/1000N/1500N
Speed	7.1mm/sec (SHEV: 8mm/sec)
Ambient Oper Temp	-10 °C to +60 °C (14 °F to 140 °F)
Listing	UL Recognized
Protection class	IP65

Discuss with AFI Sales & Support for your specific project/profile.

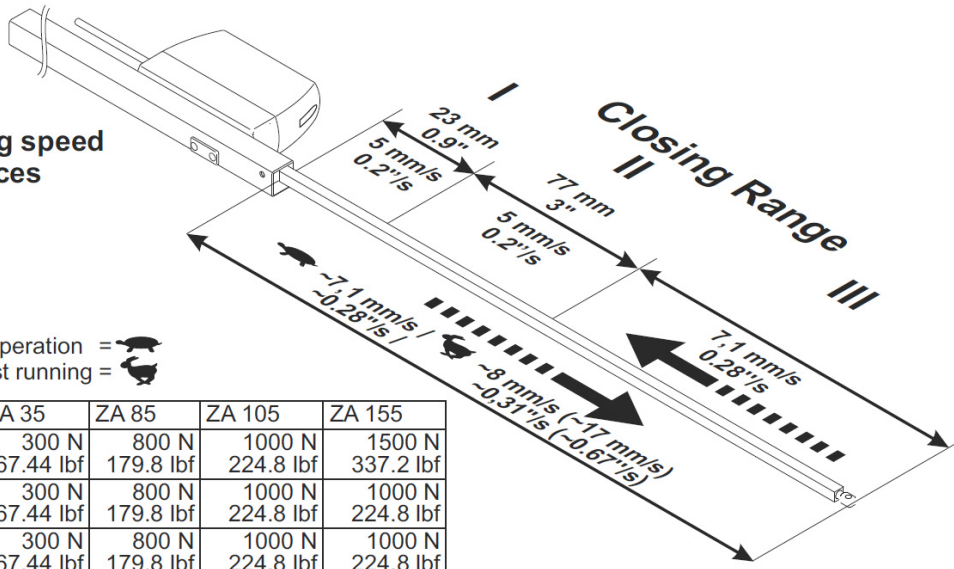


Closing Range

Running speed and forces

Normal operation =
 SHEV- fast running =

Forces	ZA 35	ZA 85	ZA 105	ZA 155
OPEN	300 N 67.44 lbf	800 N 179.8 lbf	1000 N 224.8 lbf	1500 N 337.2 lbf
CR III	300 N 67.44 lbf	800 N 179.8 lbf	1000 N 224.8 lbf	1000 N 224.8 lbf
CR II	300 N 67.44 lbf	800 N 179.8 lbf	1000 N 224.8 lbf	1000 N 224.8 lbf
CR I	300 N 67.44 lbf	800 N 179.8 lbf	800 N 179.8 lbf	800 N 179.8 lbf



All forces + approx. 20 % switch-off reserve (temporary)

Dimensions

