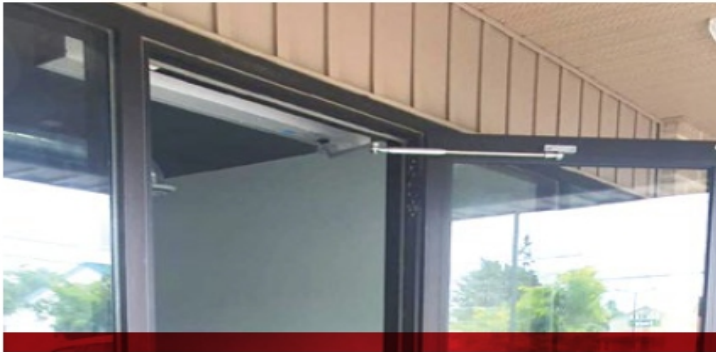




DOOR AUTOMATION



FA-85C

Standard Profile – Low Energy Operator

The Farron FA-85C is a classic low energy operator designed for heavy traffic applications.

Electro mechanical design and high-precision gears are ideal for sustained long-term use in either interior or exterior applications. The FA-85C is compatible with most safety and activation devices, and can be integrated with building access & security systems.

Available in push or pull, clear or black for single, pair or dual.

Complies with the following standards.

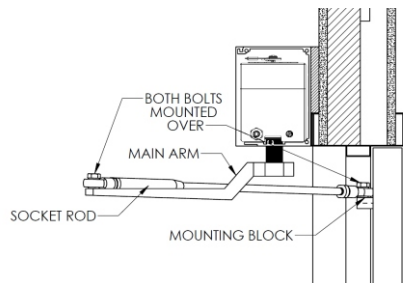
ANSI/BHMA A156.19 .

Certified to UL 325

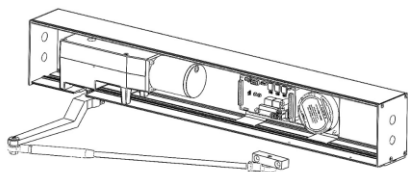
Product features

Precision hardened gears made for sustained long term use
Permanent Lubrication - maintenance free
Smooth, Quiet, Reliable Operation
Header length can be modified in the field
Plug-n-Play design for fast trouble free installation
One-way clutch allows manual door operation
Adjustable spring tension overcomes high wind and stack pressures
Continuous duty cycle MIN 1,000,000 Cycles

FA-85C Profile

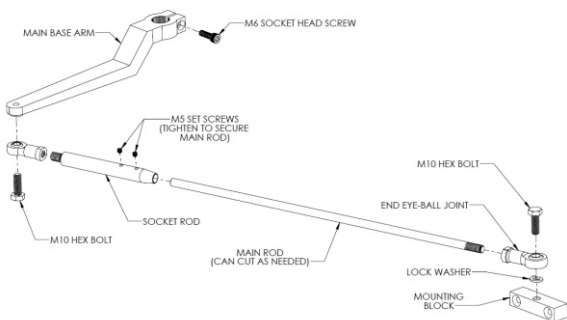


Interior View

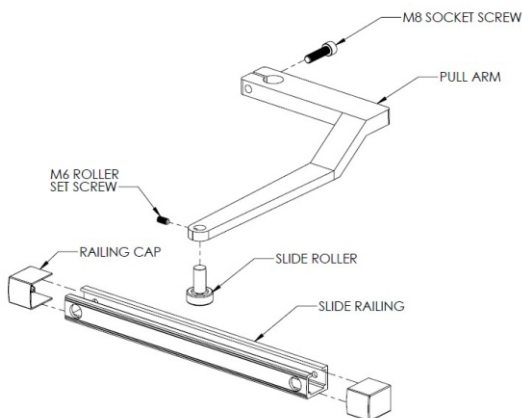


Arms

Push



Pull



Technical Specs/Data

Header Size	6 1/4" x 4 1/2"
Motor Type	Electro-Mechanical
Drive Train Gear Box	Cast Aluminum- Reinforced Closed Gearbox
Control Box	Single FA-85C W / data, 24 VDC, 3.33 AMP
Operating Voltage (International standard)	100-277 VAC 48 - 62 Hz
Gear Grease	High Wear Protection
Magnetic Limit Switches	Yes
Arm Connection	1" Solid Spline Spindle
On/Off/Hold Open Switch	Yes
Adjustable Door Stopper	Yes
Adjustable Spring Tension	Yes
Mechanical Clutch	Standard
Electric Strike Power	Yes, 12 / 24 VDC 1A Power Supply
Circuit Protection	4.5 amp fuse + Overload Protection
Door Sensor Option	Yes
Manual Opening/Closing Force	Adjustable 5 to 30 lbs.
Push Reveal	Up to 14"
Pull Reveal	Up to 4"

Technical data subject to change without notice.

Standard Features:

- Surface Mounted
- Handed
- Push or Pull
- Single, Pair Doors or Dual Egress
- Clear or Black
- Automatic Stack Pressure Compensation via Spring Release
- Integrated Door Contact (No external Door Contacts Required)
- Voltage Regulating Power Supply (100-277 VAC 48-62Hz)