

Swingmaster® Model Introduction

Swingmaster® 300 Series

Model 300 (Overhead Concealed)

- Double acting (spring return to closed position from the panic position).
- Standard energy closing spring.
- Closing force of approximately 23 lbs. to 34 lbs. depending on door width.
- Non-handed. Converts easily to right hand or left hand swing.

Model 305 (Same as 300 Model except for:)

- Low energy closing spring.
- Closing force of approximately 14 lbs. to 26 lbs. depending on door width.

Model 350 (Surface mounted. Same as 300 Model except for:)

- Rack gear extension and internal spring spacer to increase spindle shaft rotation to 135° which accommodates various pivoting arrangements. (Hinge, offset pivots, and center pivots.)
- Closing force of approximately 23 lbs. to 34 lbs. depending on door width.

Model 355 (Same as 350 Model except for:)

- Low energy closing spring.
- Closing forces of approximately 14 lbs. to 26 lbs. depending on door width.

Swingmaster® 400 Series

Model 400 (Overhead concealed)

- Factory handed operator for right hand or left hand operation.
- Single acting (spring open to panic position).
- Requires closing door stop--retractable stop for panic breakout.
- Internal clutch assembly.
- Standard energy closing spring.
- Closing forces of approximately 16 lbs. to 30 lbs. depending on door width.
- Closing force adjustable dependent on application.

Model 405 (Same as 400 Model except for:)

- Low energy closing spring.
- Closing force of approximately 11 lbs. to 23 lbs. depending on door width.

Model 450 (Surface mounted. Same as 400 Model except for:)

- Rack gear extension and internal spring space to increase spindle shaft rotation to 135° which accommodates various pivoting arrangements (hinge, offset pivots, and center pivots).
- Closing force of approximately 16 lbs. to 30 lbs. depending on door width.

Model 455 (Same as 450 Model except for:)

- Low energy closing spring.
- Closing forces of approximately 11 lbs. to 23 lbs. depending on door width.

NOTE: For other Swingmaster® Models 500, 550, 600, 650, 700, 750 and 850 instructions, please contact Besam, Inc.

Performance and Safety

All swing door applications *intended for pedestrian* use must be properly ordered, installed, adjusted and maintained to the following American National Standard and applicable building codes.

- Power Operated Pedestrian Doors.
ANSI/BHMA A156.10.

The ANSI Standards provides design and performance requirements for the following:

- Automatic/manual operation.
- Entrapment protection.
- Emergency egress.
- Activating and safety devices.
- Door markings.
- Time delays.
- Guide rails.
- Others.

For a copy of the Standard contact American National Standards Institute, 11 West 42nd Street, NY, NY 10036 (212) 642-4900. All questions regarding performance or safety please contact Besam, Inc., 81 Twin Rivers Drive, Hightstown, NJ 08520-5212, (609) 443-5800.