

160 SERIES

Door Closer



Norton[®]

ASSA ABLOY

ASSA ABLOY, the global leader
in door opening solutions

INTRODUCTION

The 160 Series door closer, is ideal for stocking distributors serving high volume after-market and storefront segments. The 160 Series features an adjustable spring, non-hold open arms and independent and separate latch, sweep and backcheck intensity valves. With easy installation and maintenance and dependable control, the 160 Series is perfect for office doors, utility doors and strip mall applications.

FEATURES

- Two models:
 161BF: adjustable spring size 1 through 4
 164: size 4 spring
- Non-handed
- Cast aluminum body
- Rack-and-pinion design
- Independent latch sweep and backcheck intensity valves
- Non-hold open arms: 161BF, 164
- Hold open arms: 161BF only
- Closer footprint: 3/4" x 9-1/16"
- Closer projection: 2-5/8"
- Available in 689 (aluminum) or 690 (dark bronze) finishes



161BF x TPN shown

COMPLIANCE STANDARDS

- ANSI/BHMA A156.4, Grade 1
- UL / cUL listed for use on fire rated doors
- UL10C listed for positive pressure fire test
- Meets requirements for for Americans with Disabilities Act (ADA) and ANSI/BHMA A117.1
- 5-year limited warranty

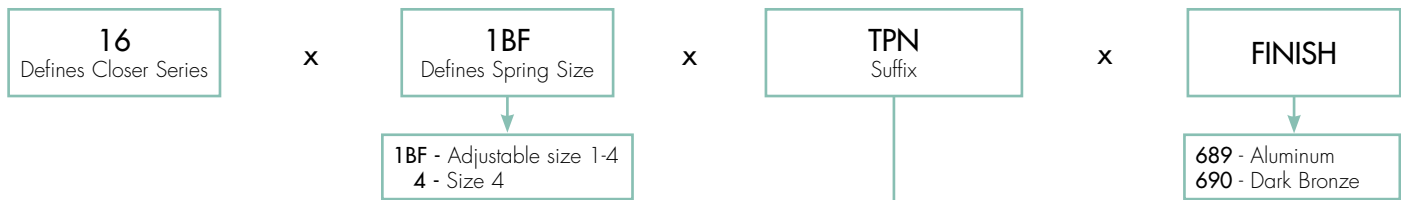
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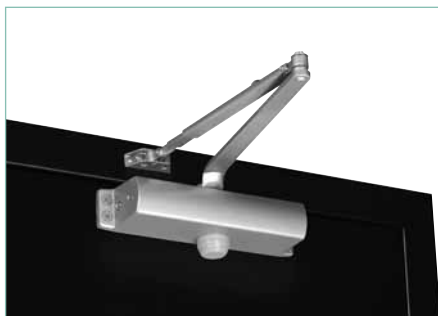
HOW TO ORDER



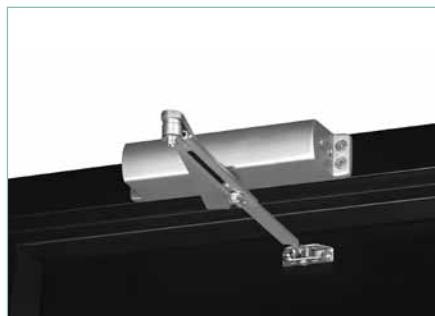
Model #	Suffix	Non-Hold Open	Hold Open	Adjustable Spring 1-4	Size 4 Spring	Adjustable Slide Arm	Tri-Packed (RA, TJ, PA)	Sex Nuts Included
161BF	TPN	•		•		•	•	•
	TPH		•	•		•	•	•
164	TPN	•			•	•	•	•

Note: Specify 161BFxOP2 to order the 161BF closer packed with a cover.

APPLICATIONS



- TPN arm shown (regular mounting)*
- Pull-side application
 - Closer mounted on the door



- TPN arm shown (top jamb mounting)*
- Push-side application
 - Closer mounted on the frame
 - Minimum top rail = 2-1/4" (57mm)
 - Maximum frame reveal = 2-3/4" (70mm)



- TPN arm shown (parallel mounting)*
- Push-side application
 - Closer mounted on the door



161BFxOP2



161BFxTPH

NOTE: Arms are not interchangeable with Norton's premium line of closers