



**COMMERCIAL
HARDWARE**
BY **BLACK&DECKER**

QDC100series

Grade 1 Extra Heavy Duty Door Closers

Applications

The extra heavy duty QDC100 series big body door closers are designed for high-use commercial applications such as industrial, educational, and health care facilities where durable products are necessary.

Performance Features

- Tested to significantly exceed the performance requirements for Grade 1 certification.
- Fully adjustable from 1-6 allowing for maximum flexibility.
- Delayed Action and Back Check are standard in the same door closer body.
- All weather oil insures optimal operation performance in multiple weather conditions.
- Barrier free optional.

Certifications



- ANSI/BHMA A156.4 Series Grade 1.
- ANSI A117.1 Accessibility Code.
- UL/cUL listed (3-hour) for self closing.
- UL10C Positive Pressure Rated.
- UL10B Pressure Rated.

Product Specifications

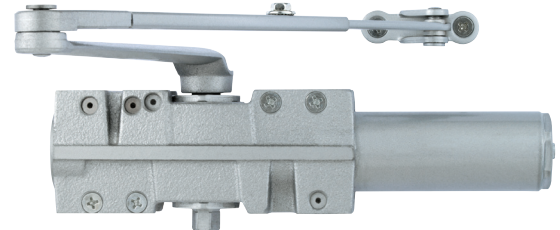
- Handing – All QDC100 series closers are non-handed (QDC116 arms are handed)
- Cast iron construction.
- Staked valves prevent oil leaks from screws being backed out too far.
- Cover – plastic cover standard; metal cover optional.
- Arms & Brackets – Tri-pack standard, additional arms optional.
- Arm Material – Heat treated carbon steel.
- Springs – High impact hand drawn steel wires.
- Pinions – Heat treated chrome molybdenum steel.
- Cylinder construction – Heat treated free-cutting carbon steel.
- Fasteners – Wood and machine screws standard; Sex nuts and self tapping screws optional.

Door Weights & Sizes:

Size	Applicable Door Weight	Door Width Ranges	
		Interior	Exterior (Inswing)
1	33 ~ 66 LBS (15 ~ 30 Kg)	32" (0.81m)	28" (0.71m)
2	66 ~ 99 LBS (30 ~ 45 Kg)	36" (0.91m)	32" (0.81m)
3	99 ~ 143 LBS (45 ~ 66 Kg)	42" (1.07m)	36" (0.91m)
4	143 ~ 187 LBS (65 ~ 85 Kg)	48" (1.22m)	42" (1.07m)
5	187 ~ 264 LBS (85 ~ 120 Kg)	54" (1.37m)	48" (1.22m)
6	264 ~ 330 LBS (120 ~ 330 Kg)	58" (1.47m)	54" (1.32m)

Warranty

Lifetime Mechanical & 3 year finish



QDC111



Cover

Functions

K2	Description
QDC111	Tri-Packed Arm, Non-Hold Open
QDC112	Hold Open Arm
QDC113	Dead Stop (Cush) Arm
QDC114	Dead Stop (Cush) Hold Open Arm
QDC115	Extra Duty Arm (EDA)
QDC116	Hold Open Extra Duty Arm (HEDA)

Finishes

BHMA	Description
689	Painted Aluminum
690	Painted Duranodic Bronze
696	Painted Satin Brass