

DGT DC160



Series Overview

The DGT DC160 is a heavy-duty, EN3 strength-grade overhead door closer engineered to ensure controlled, secure closing cycles within physical access control environments. Constructed from a durable aluminum alloy finished with electrostatic paint, this robust 1.2 KG closing mechanism is rated for 300,000 usage counts and features an integrated 90° positioning function. It provides stable mechanical closing optimization across various heavy door types, maintaining perimeter security, thermal insulation, and fire barrier integrity.

Functions

Adjustable Speed Mechanics:

Outfitted with an adjustable opening and close speed control configuration to fine-tune door swing velocity according to specific foot traffic and safety requirements.

90° Positioning Hold-Open:

Features an integrated 90° positioning function that allows the door leaf to remain safely held open at a right angle during high-volume loading or peak transit hours.

Calibrated EN3 Strength Grade:

Engineered to meet strict EN3 strength classification standards, optimized for wider doors with a width of 600~1200mm and a total weight capacity of 40~65kg.

Universal Door Compatibility:

Provides flexible application compliance across commercial and residential layouts, making it suitable for wooden doors, aluminum doors, steel doors, and dedicated fire doors.

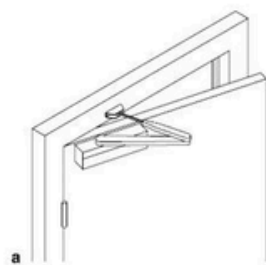
Flexible Installation Framework:

Supports four distinct field mounting layouts, including standard door-mount installation and overhead frame-mount installation on either the hinge side or opposite side of the opening.

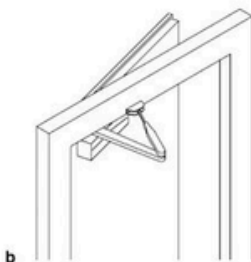
Heavy-Duty Aluminum Body:

Formed into an extended aluminum alloy housing measuring 178mm x 40mm x 60mm with a 162mm x 19mm mounting hole distance, field-tested to survive 300,000 continuous operation cycles.

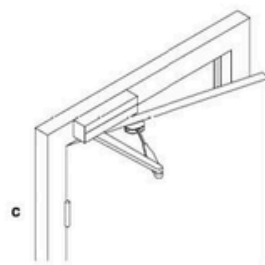
Technical specification	
Applicable Door Weight	40~65kg
Applicable Door Width	600~1200mm
Opening/Close Speed	Adjustable
90° Positioning Function	Yes
Strength Grade	EN3
Usage Count	300,000
Body Material	Aluminum Alloy
Body Size	178x40x60mm
Hole Distance	162x19mm
Application	Wooden Door,Aluminum Door,Steel Door ,Fire Door
Finish	Electrostatic Paint
Weight	1.2 KG



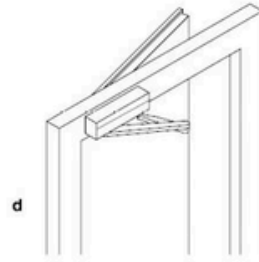
Standard Installation (Door Installation)
On the same side as the door hinge



Standard Installation (Door Installation)
On the other side of the door hinge



Overhead Installation(Frame Installation)
On the same side as the door hinge



Overhead Installation(Frame Installation)
On the other side of the door hinge