

DGT DC180



Series Overview

The DGT DC180 is a heavy-duty, EN4 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 1.65 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 EN4 Strength Grade:

Engineered to meet strict EN4 strength classification standards, optimized for wider doors with a width of 900~1300mm and a total weight capacity of 60~80kg.

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:

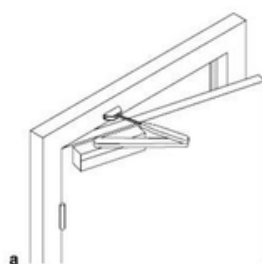
Supports four distinct field mounting layouts, including standard door-mount installation and overhead frame-mount installation on either the hinge side or opposite side of the opening.

Heavy-Duty Aluminum Body:

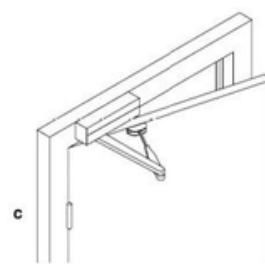
Formed into an extended aluminum alloy housing measuring 202mm x 44mm x 68mm with a 188mm x 19mm mounting hole distance, field-tested to survive 300,000 continuous operation cycles.

Technical specification

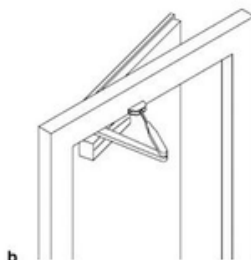
Applicable Door Weight	60~80kg
Applicable Door Width	900~1300mm
Opening/Close Speed	Adjustable
90° Positioning Function	Yes
Strength Grade	EN4
Usage Count	300,000
Body Material	Aluminum Alloy
Body Size	202x44x68mm
Hole Distance	188x19mm
Application	Wooden Door,Aluminum Door,Steel Door ,Fire Door
Finish	Electrostatic Paint
Weight	1.65 KG



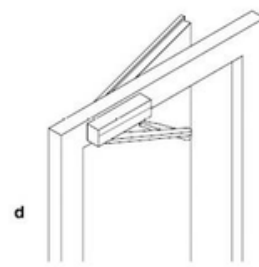
a
Standard Installation (Door Installation)
On the same side as the door hinge



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



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



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