

DGT DC145



Series Overview

The DGT DC145 is a high-reliability, EN2 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 compact 1 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 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 EN2 Strength Grade:

Engineered to meet strict EN2 strength classification standards, optimized for doors with a width of 500~1000mm and a total weight capacity of 25~45kg.

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:

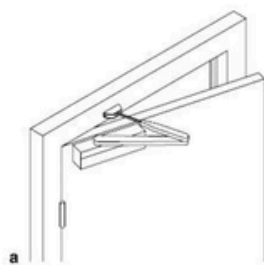
Supports four distinct field mounting layouts, including standard door-mount installation and overhead frame-mount installation on either the hinge side or opposite side of the opening.

Heavy-Duty Aluminum Body:

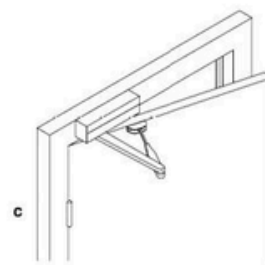
Formed into a compact aluminum alloy housing measuring 148mm x 38mm x 55mm with a 132mm x 19mm mounting hole distance, field-tested to survive 300,000 continuous operation cycles.

Technical specification

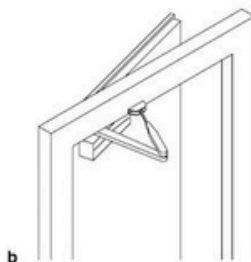
Applicable Door Weight	25~45kg
Applicable Door Width	500~1000mm
Opening/Close Speed	Adjustable
90° Positioning Function	Yes
Strength Grade	EN2
Usage Count	300,000
Body Material	Aluminum Alloy
Body Size	148x38x55mm
Hole Distance	132x19mm
Application	Wooden Door,Aluminum Door,Steel Door ,Fire Door
Finish	Electrostatic Paint
Weight	1 KG



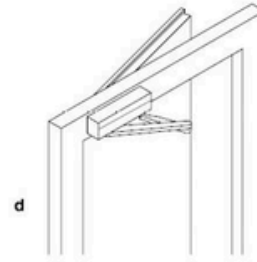
a
Standard Installation (Door Installation)
On the same side as the door hinge



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