

# Chiudiporta aerodinamico 690

## *Surface mounted door closer 690*



ASSA ABLOY, the global leader  
in door opening solutions



# Chiudiporta a potenza regolabile per uso gravoso

## *Adjustable power heavy duty door closer*

### Caratteristiche tecniche:

- Forza regolabile EN 1-6 con braccio normale o braccio fermaporta.
- Freno idraulico all'apertura regolabile.
- Corpo in lega d'alluminio al silicio di alta resistenza.
- Due valvole indipendenti per regolazione velocità di chiusura.
- Garantito per 1.000.000 di cicli.
- Insensibile a variazioni di temperatura.
- Valvola di sovrappressione.
- Apertura a 180°.
- Alta efficienza.
- Braccio fermaporta AC607 con fermo inseribile / disinseribile (optional, fornito a parte).
- Finiture: argento, nero opaco, bianco RAL9016. Altre finiture a richiesta.

### Specifica per capitolati.

Chiudiporta a potenza regolabile EN 1-6, con freno idraulico all'apertura regolabile, valvola di sovrappressione, per uso gravoso con porte ad alta frequenza di apertura / chiusura e soggette ad abuso, MAB 690.

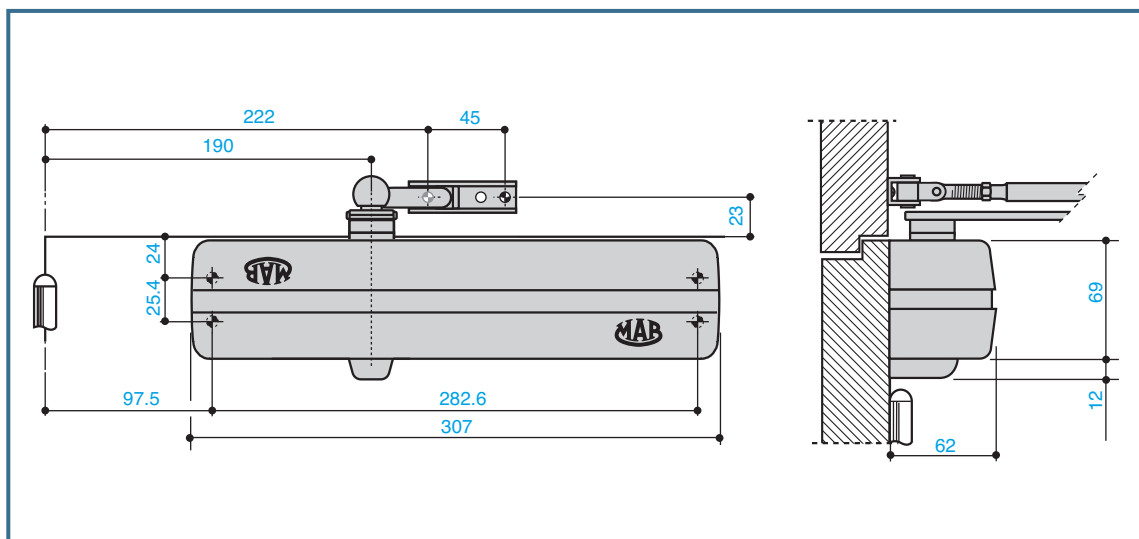
### Features:

- Adjustable power EN1-6 with regular or hold open arm.
- Adjustable Hydraulic Back Check.
- Body in high duty silicon aluminium alloy.
- Two independently adjustable speed valves.
- Guaranteed for 1.000.000 cycles.
- Insensitive to temperature changes.
- Overpressure relief valve.
- Opening to 180°.
- High efficiency.
- Hold Open arm AC607 with ON/OFF feature (on request, supplied separately).
- Stock finishes: silver, matt black, white RAL9016. Other finishes on request.

### Specifications

Adjustable power EN1-6 door closers, with adjustable hydraulic Back Check, overpressure relief valve, heavy duty for high frequency doors subject to abuse, MAB 690.





## Dimensioni massime consigliate delle porte *Composition of article reference*

### Regolazione della potenza

La regolazione in continuo permette di ottenere qualsiasi valore di chiusura tra ~10 Nm e 60 Nm.

### Power adjustment

The stepless adjustment allows setting of closing force anywhere between ~10 Nm and 60 Nm.

Forza minima  
Min. power

**EN 1**

min. 750 x 2100

Forza massima  
Max. power

**EN 6**

max. 1400 x 2500

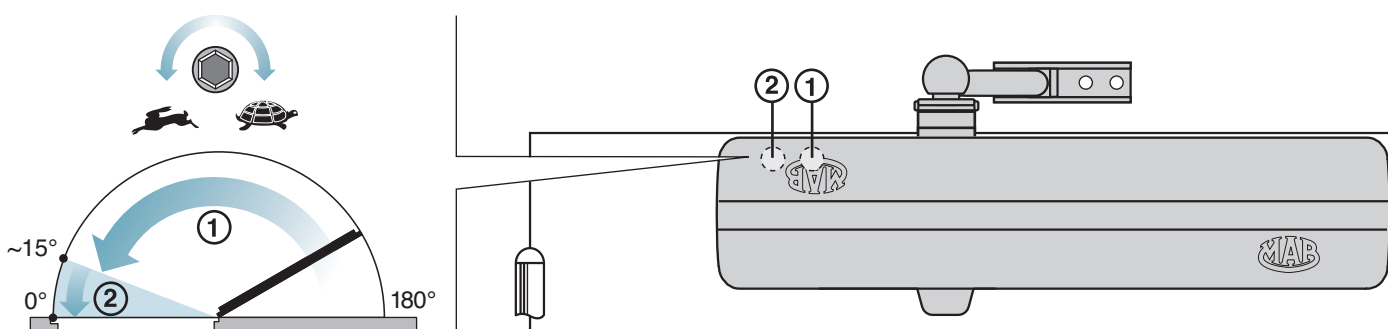


## Regolazione della velocità di chiusura (180° - ~15°) e dello scatto finale (~15° - 0°)

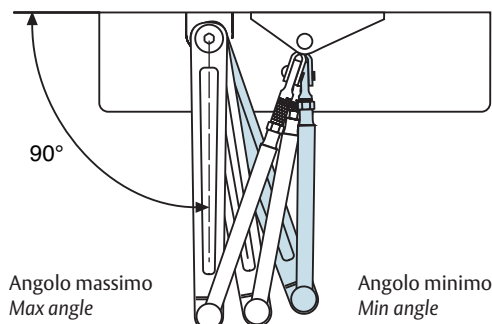
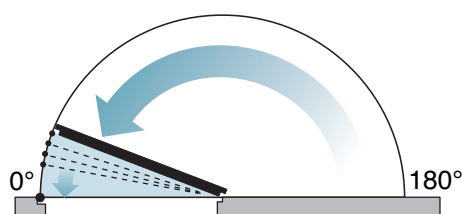
### *Adjustment of closing (180° - ~15°) and of final latch speeds (~15° - 0°)*

Girando in senso orario si rallenta la chiusura, in senso antiorario la si accelera.

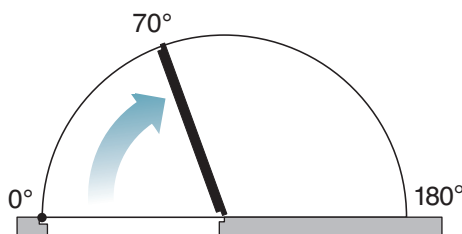
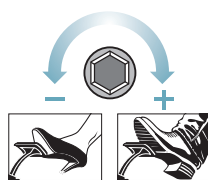
Turn clockwise to decrease speed, turn anti-clockwise to increase speed.



## Regolazione angolo di scatto finale *Angle adjustment for final speed*

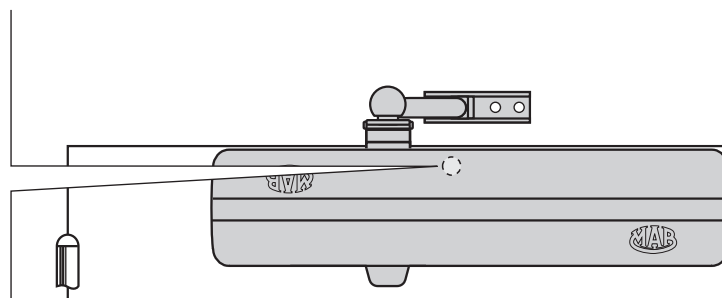


## Regolazione del freno idraulico all'apertura da 70° *Adjustment of hydraulic back check from 70°*

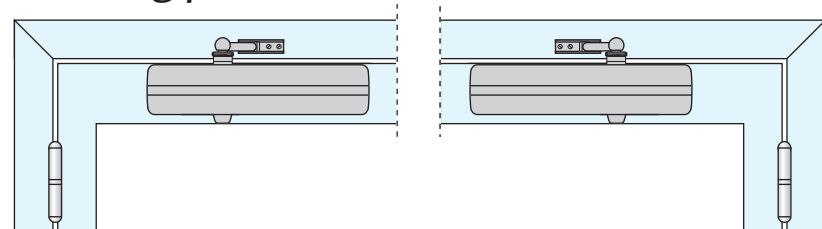


Girando la valvola in senso orario si aumenta l'azione frenante, in senso anti-orario si diminuisce fino alla sua eliminazione completa.

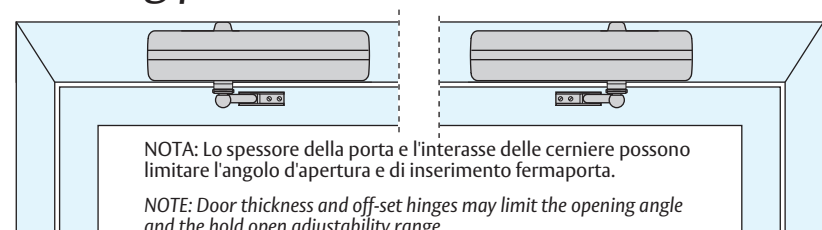
*Turning valve clockwise the braking action increases, turning anti-clockwise it gradually decreases till complete removal.*



## Montaggio normale lato cerniere *Standard mounting pull side*



## Montaggio rovesciato lato opposto cerniere *Reversed mounting push side*



NOTA: Lo spessore della porta e l'interasse delle cerniere possono limitare l'angolo d'apertura e di inserimento fermaporta.

*NOTE: Door thickness and off-set hinges may limit the opening angle and the hold open adjustability range.*

# Montaggio con braccio a slitta *Mounting with sliding arm & rail*



- Forza regolabile EN 1-3
- Morbido in apertura
- Fermaporta regolabile tra 85° e 125° (optional)
- Limitatore di apertura (optional)

- Force EN1-3
- Soft opening
- Adjustable hold open device (optional)
- Adjustable cushioned Back Stop (optional)

## Dimensioni massime consigliate delle porte *Recommended maximum doors sizes*

Forza minima  
Min. power

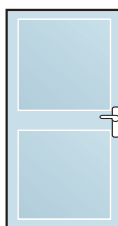
**EN 1**

min. 750 x 2100

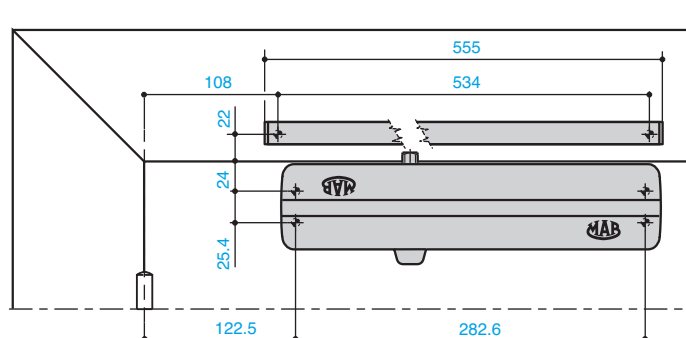
Forza massima  
Max. power

**EN 3**

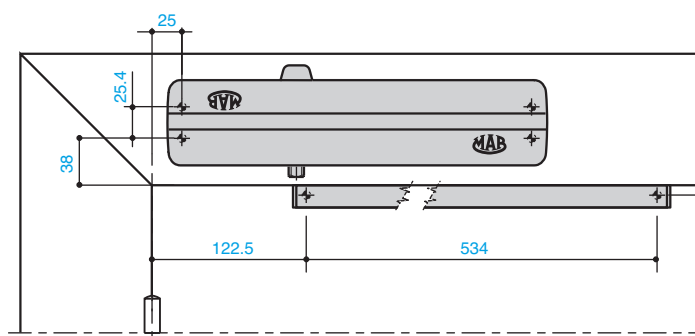
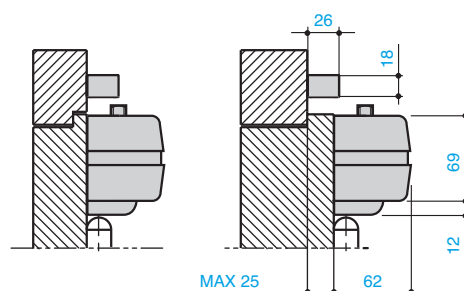
max. 950 x 2300



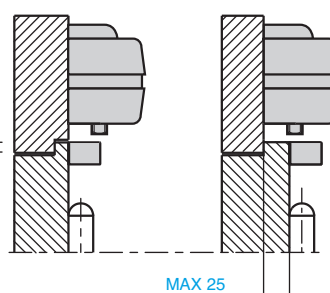
## Dimensioni e quote di foratura *Dimensions and drilling layout*



MONTAGGIO NORMALE LATO CERNIERE  
STANDARD MOUNTING PULL SIDE



MONTAGGIO ROVESCIATO LATO CERNIERE  
REVERSED MOUNTING PULL SIDE

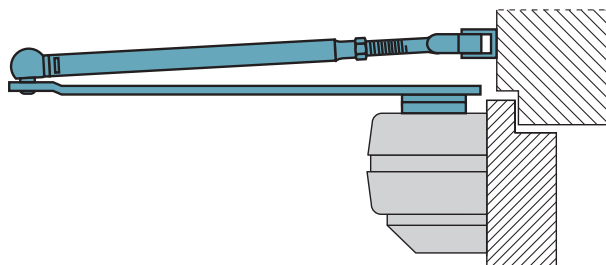


## Codice / Code

**AC 593**

Braccio normale in acciaio.  
Tenditore separabile.

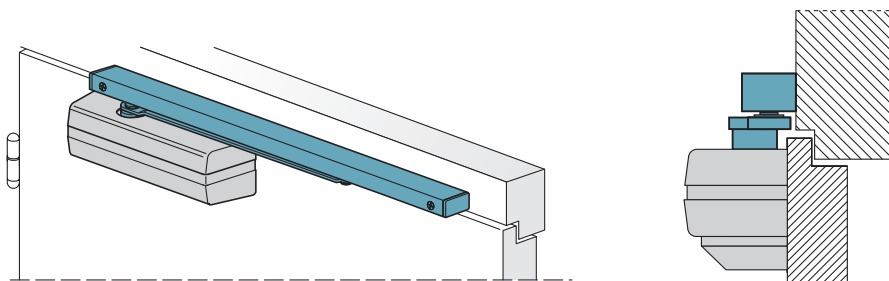
*Regular arm in steel.  
Detachable forearm.*



## Codice / Code

**AC 572**

Braccio e slitta.  
Sliding arm and rail.

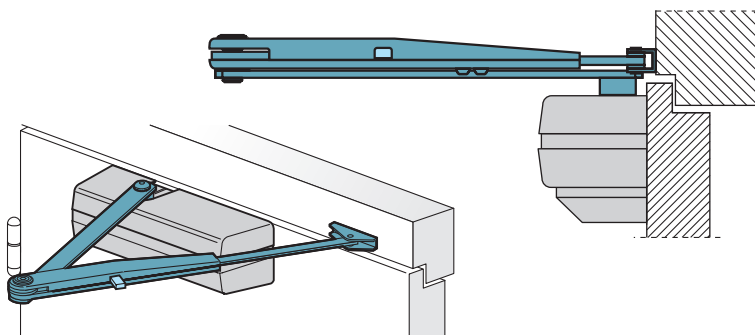


## Codice / Code

**AC 607**

Braccio fermaporta regolabile intercambiabile  
con braccio normale.  
Zona ideale di lavoro tra 80° e 100°.  
Fermo inseribile e disinseribile a mezzo pulsante.

*Adjustable hold open arm fully interchangeable  
with regular arm. Ideal hold open angle 80° - 100°.  
Hold open can be activated/deactivated  
by pressing the trigger.*

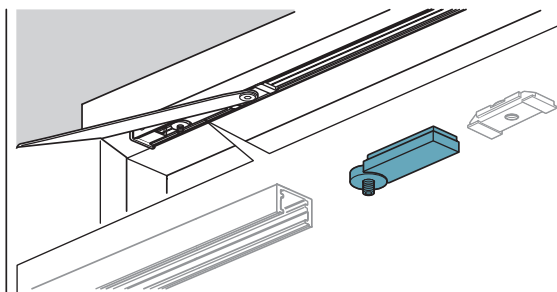
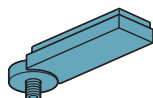


## Codice / Code

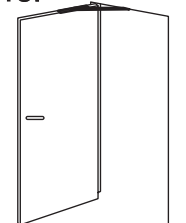
**AC 596**

Limitatore di apertura.  
Non sostituisce un fermo  
a pavimento.

*Cushioned Back Stop.  
Does not replace floor  
stopper.*



**85° - 125° MAX**  
**STOP**

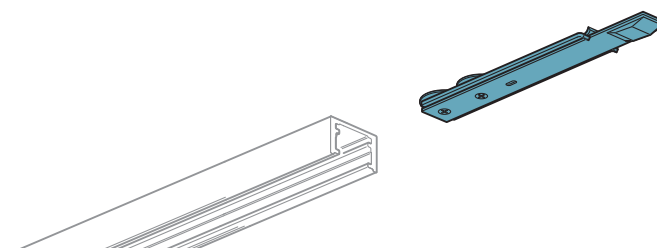


## Codice / Code

**AC 581**

Dispositivo fermaporta per slitta.  
Fermo regolabile tra 85° e 125°.

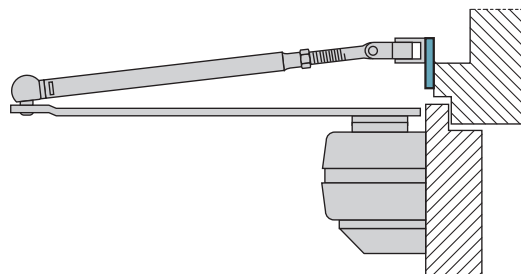
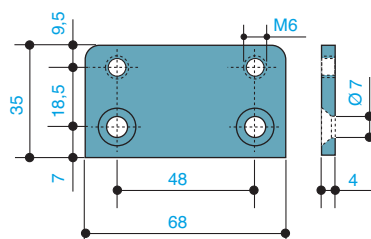
*Hold Open device for rail.  
Angle adjustable between 85° - 125°.*



## Codice / Code

**AC 57**

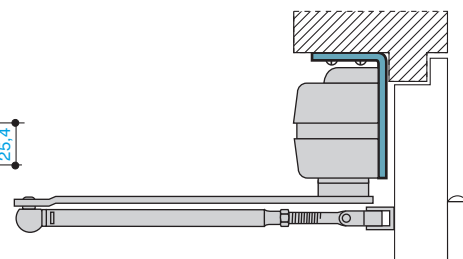
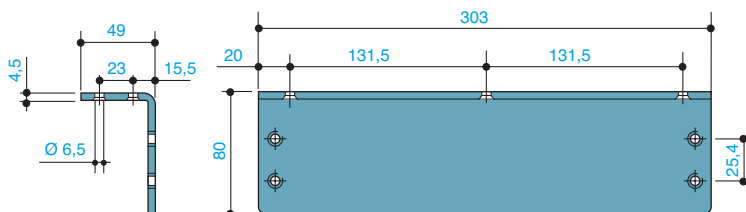
Piastrina di innalzamento.  
Shoe attachment plate.



## Codice / Code

**AC 328**

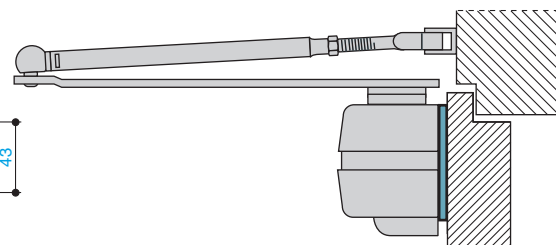
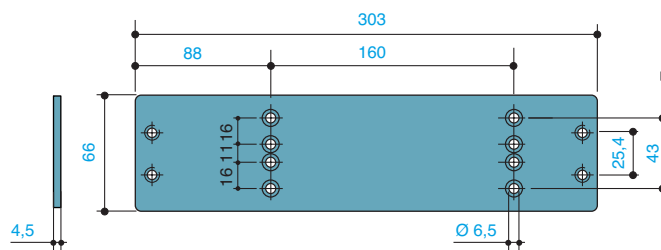
Piastra angolare.  
Angle bracket.



## Codice / Code

**AC 329**

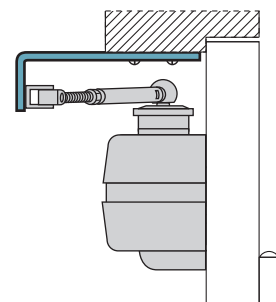
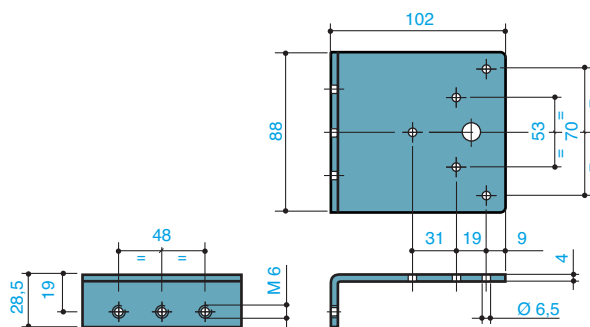
Piastra DIN.  
DIN back plate.



## Codice / Code

**AC 74**

Piastra braccio parallelo.  
Parallel arm plate.





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