



## DOOR CLOSERS SERIES 2000

HIGH PERFORMANCES FOR  
SUPERIOR DOOR CONTROLS



SMOOTH OPENING, STRONG CLOSING

**MAB, ANOTHER WORD FOR DOOR CLOSERS**

# 2240 HEAVY DUTY DOOR CLOSER WITH ADJUSTABLE POWER



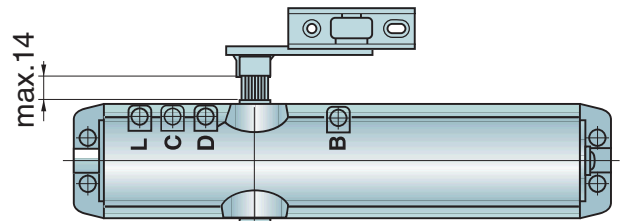
With series 2000, MAB adds new closing solutions to the existing wide range. Art. 2240 with regular arm satisfies the most demanding needs for a total quality closer. Tested to 2 million cycles according to American Standards ANSI156.4. Design, smooth opening & strong closing, abuse resistance are the main innovative characteristics.

## FEATURES

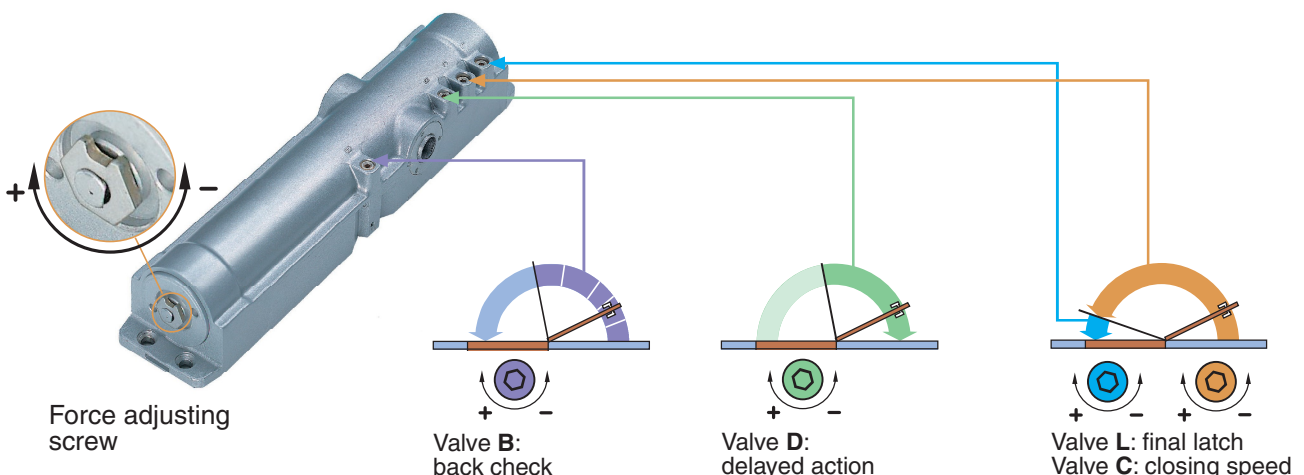
- Adjustable power 1- 6 EN1154
- Vertical adjustability of arm
- Two speed valves
- Adjustable hydraulic Back Check
- Adjustable Delayed Action (option)
- Two overpressure relief valves
- Insensitive to temperature changes between  $-35^{\circ}$  and  $+50^{\circ}$  C
- High efficiency
- Suitable for fire doors
- Regular or reversed mounting.
- Full body covers in: ABS, polished brass, satin s/steel
- Finishes for ABS covers : silver, gold, black, bronze, white
- Suitable for interior or exterior doors
- Suitable for doors up to 1400 x 2500 mm

## ADJUSTMENTS

**Vertical adjustment of arm:**  
the height of the arm can be adjusted up to 14 mm by moving upwards the grooved pinion.



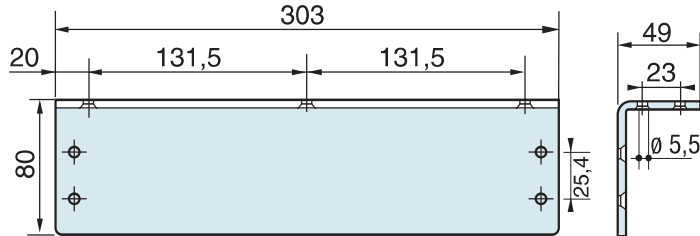
**Adjustment of closing power, of closing speeds, of Back Check, of Delayed Action**



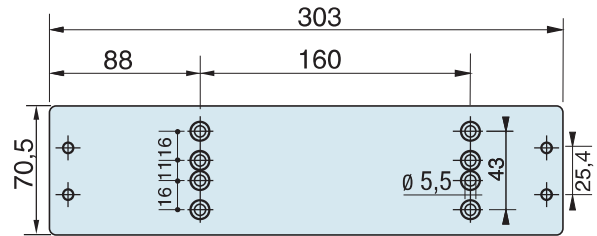
# ACCESSORIES

## MOUNTING PLATES

**AC 328** angle bracket

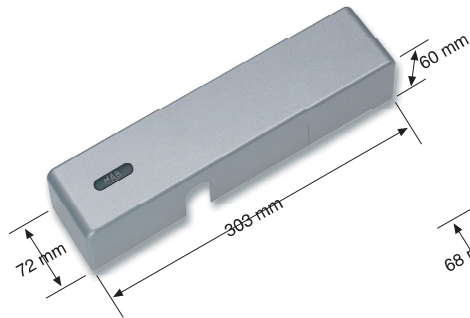


**AC 329** DIN back plate

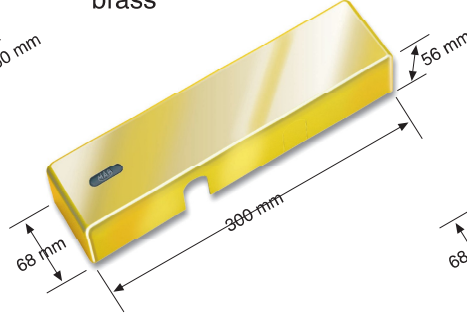


## COVERS

**AC 330**  
cover in ABS



**AC 331**  
cover in brass



**AC 332**  
cover in s/steel



## CLOSING FORCE CHARTS

**EN 1154** (European Standards)

Door closer size	Closing torque Nm (0°-4°) min.	Recommended door leaf width mm max.	Door leaf mass kg.
1	9	750	20
2	13	850	40
3	18	950	60
4	26	1100	80
5	37	1250	100
6	54	1400	120
7	87	1600	160

**ANSI 156.4** (American Std.)

Door closer size	Closing torque Nm (0°-4°) min.
2	10
3	17
4	27
5	37
6	47

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