

## Product data sheet

Plus

AR3500



|                                         |                                                            |
|-----------------------------------------|------------------------------------------------------------|
| Article number                          | 87101073                                                   |
| Product ref.                            | AR3500-D-DG/DG                                             |
| EAN-Code                                | 5051358013919                                              |
| Country of origin                       | Taiwan                                                     |
| CN-Code                                 | 83026000                                                   |
| Corrosion resistance                    | 4                                                          |
| Door type                               | wooden door                                                |
| Tested door width                       | 1100 mm                                                    |
| Tested door weight                      | 80 kg                                                      |
| Arm Application                         | figure 1, 6 and 61                                         |
| Mechanism function                      | closing/latching<br>speed, backcheck,<br>spring adjustment |
| Mechanism type                          | Rack & pinion                                              |
| Fixings                                 | Timber door                                                |
| Shape                                   | Designer                                                   |
| Power size                              | 2 to 4                                                     |
| Opening Angle                           | max. 180° opening                                          |
| Mechanism dimensions and fixing centres | 248x45x53.5 mm;<br>centres 225x20 mm                       |
| Arm type                                | Scissor arm, detachable joint, flat form, adjustable       |
| Finish                                  | RAL 7506 Manhattan grey (dove grey)                        |
| Finish of the cover                     | F7506 Manhattan grey (dove grey)                           |
| Arm finish                              | RAL 7506 Manhattan grey (dove grey)                        |
| Range                                   | ARRONE Range                                               |
| Packing unit                            | 1                                                          |
| Outer carton                            | 6                                                          |

ARRONE overhead door closing device:

- Power size: EN 2 to EN 4, adjustable by spring tension
- Function: closing, latching, backcheck, delayed action\*\*
- Cover: designer
- Arm application: Fig 1, Fig 6 and Fig 61 fixing positions
- Successfully type tested for conformity to all requirements of **BS EN 1154:1997**  
Tested: door width 1,100 mm, door weight 80 kg  
Classification (Fig 1/Fig 61): 3 | 8 | 4/2 | 1\* | 1 | 4  
Classification (Fig 6): 3 | 8 | 4/2 | 1\* | 1 | 4
- Fire tested to **BS EN 1634-1**: suitable for 30, 60 and 120 minute timber fire doors and 240 minute steel fire doors
- Certification:  
CE: AD0009, DOP HUK0019  
Certifire: CF294
- The AR3500 can satisfy the opening force recommendations of **BS 8300** and ADM when fitted in Fig 1 to a door with minimum width of 938 mm according to third party data. However other installed hardware, door seals and differential air pressure will affect the products as fitted performance meaning that the door closer alone cannot allow compliance to **BS 8300** and ADM.
- \*\* The delayed action function is not included in the AR3500's CE certification. Using this function will invalidate the CE certificate and therefore must not be applied when fitting the AR3500 to fire doors.

