



# Standard Arm Closer

## TS3204BC\*\*

TEL: +44 (0) 1246 261 491 | [www.rutlanduk.co.uk](http://www.rutlanduk.co.uk)



Operations and  
Maintenance Manual



10  
YEARS  
WARRANTY



1100mm  
Max door width



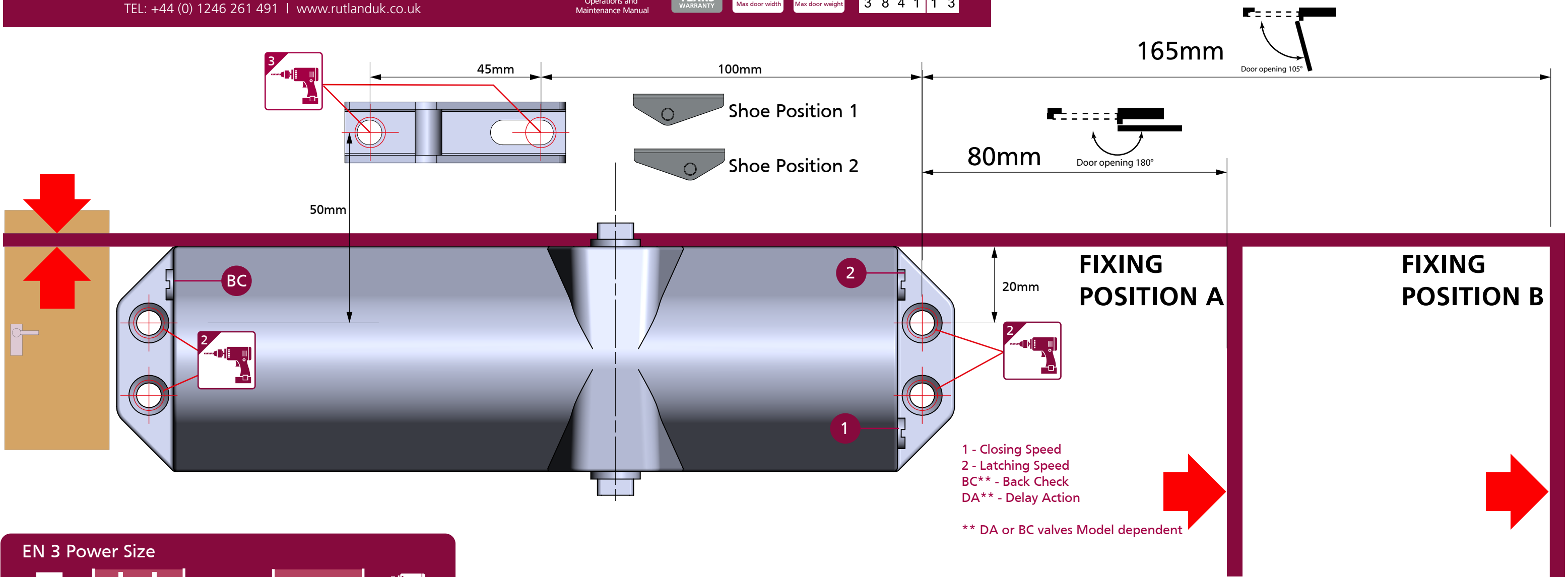
80Kg  
Max door weight



BS EN 1154  
4 8 3 1 1 3  
3 8 4 1 1 3



1812 1720



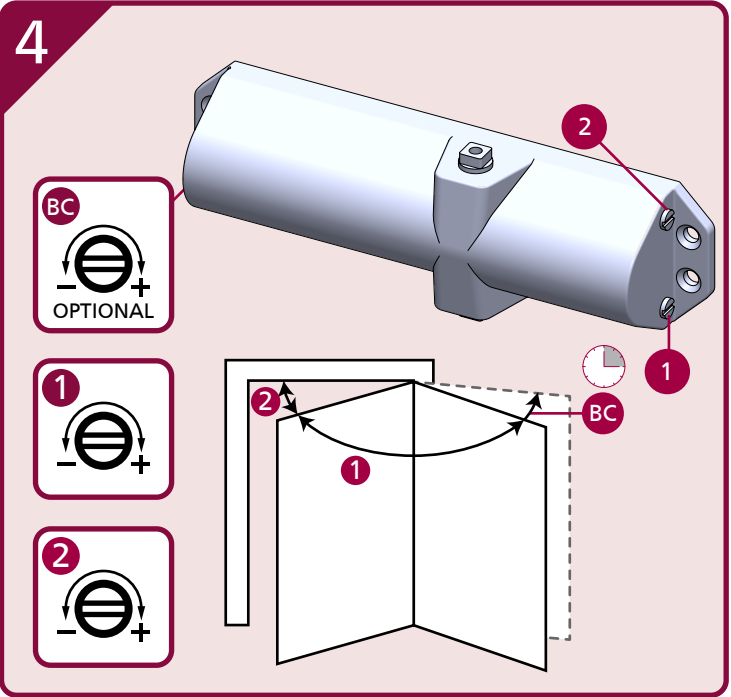
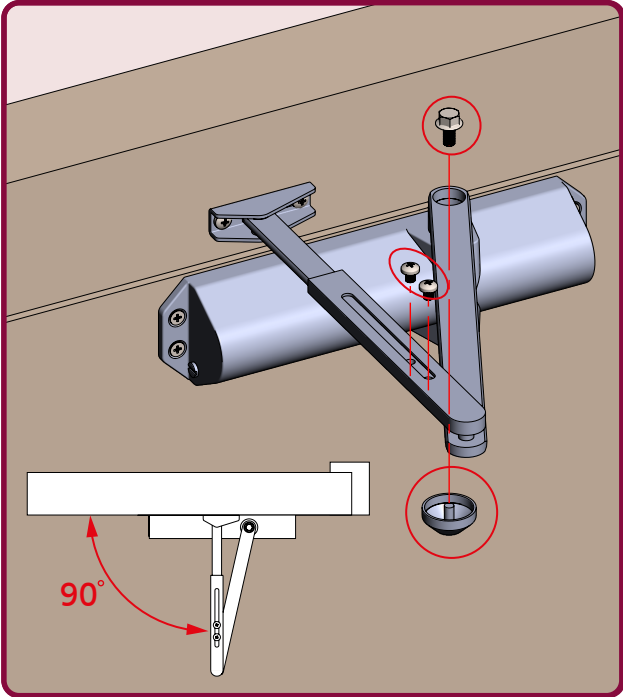
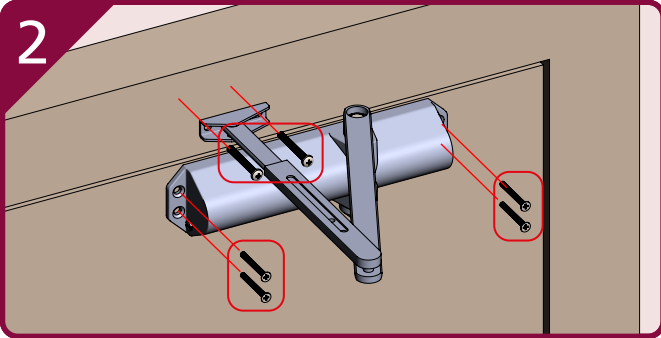
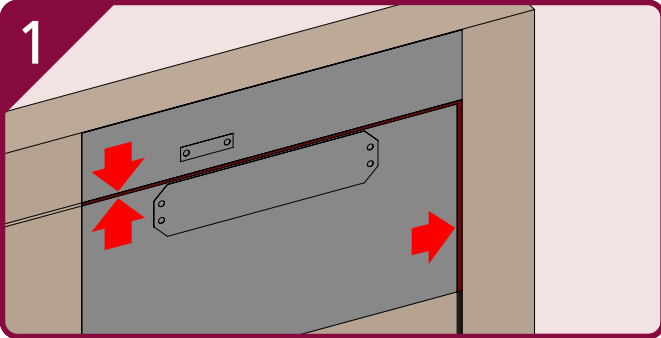
### EN 3 Power Size

| EN Size | Max door width | Open Angle | Shoe Position | Fixing Position |
|---------|----------------|------------|---------------|-----------------|
| 2       | 850mm          | 180°       | 1             | A               |
| 3       | 950mm          | 180°       | 2             | A               |
| 3       | 950mm          | 105°       | 1             | B               |
| 4       | 1100mm         | 105°       | 2             | B               |

IMPORTANT NOTES:  
DELAYED ACTION & BACK CHECK (DABC) VALVES ARE NOT STANDARD, THESE ARE OPTIONAL.  
FOR UNINSULATED STEEL DOORS IP.95M MUST BE USED.  
THE PINION BOLT MUST BE TIGHTENED TO 12Nm.

A MECHANICAL DOOR CLOSER IS NOT DESIGNED TO OVERCOME POOR FITTING, EXCESSIVE AIR PRESSURES OR BINDING SMOKE AND WEATHER SEALS. EXCESSIVE AIR PRESSURES CAN BE CREATED BY THROUGH DRAFT, BY AIR CONDITIONING, BY SMALL ROOMS WITHOUT VENTILATION, OR WHERE NO AIR TRANSFERS GRILLS ARE FITTED. MECHANICAL DOOR CLOSERS ARE DESIGNED TO CLOSE THE STATED AND TESTED SPECIFICATION OF DOOR WEIGHT AND DOORSETS/DOOR ASSEMBLIES WHEN DOORS ARE FITTED WITH CORRECT GAPS AND NOT BINDING ON SEALS. IF YOU ENCOUNTER PROBLEMS WITH DOORS NOT CLOSING PLEASE WATCH OUR "6 WAYS TO TROUBLE-SHOOT A DOOR CLOSER" VIDEO ONLINE. WHERE DOORS ARE NOT CLOSING DUE TO AIR PRESSURES THEN PROFESSIONAL ADVICE FROM AN AUTHORISED INSTALLER IS RECOMMENDED TO FIT TESTED AND THIRD PARTY CERTIFIED AIR TRANSFER GRILLS AND/OR AUTOMATIC DOOR OPERATORS.  
NOTE: BC VALVES ARE DESIGNED TO ASSIST BACK-CHECK AND DO NOT REPLACE THE REQUIREMENT FOR CORRECTLY FITTED DOORSTOPS OR SAFETY BARRIERS.

FURTHER WARRANTY INFORMATION: <https://www.rutlanduk.co.uk/rutland-warranty>





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BS EN 1154

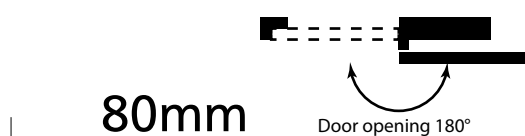
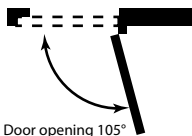


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Shoe Position 1

Shoe Position 2

165mm



80mm

100mm

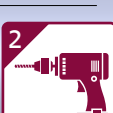
45mm

50mm

FIXING  
POSITION B

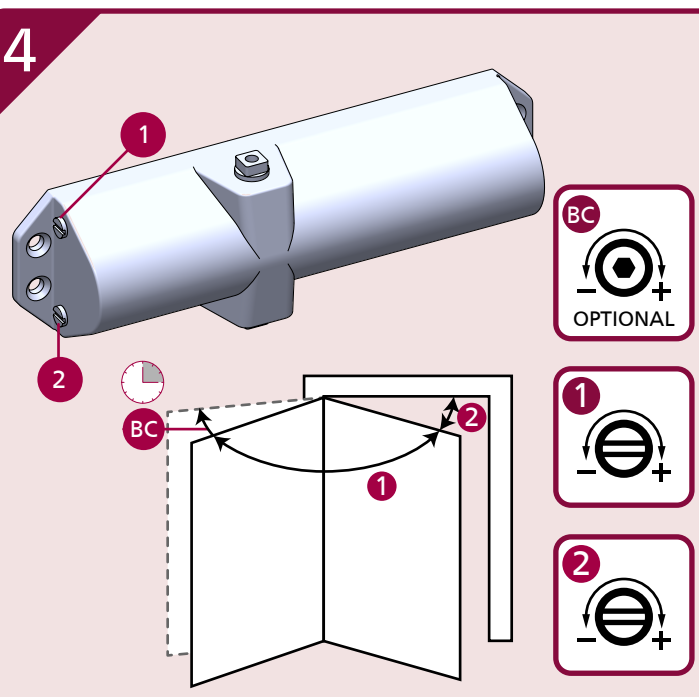
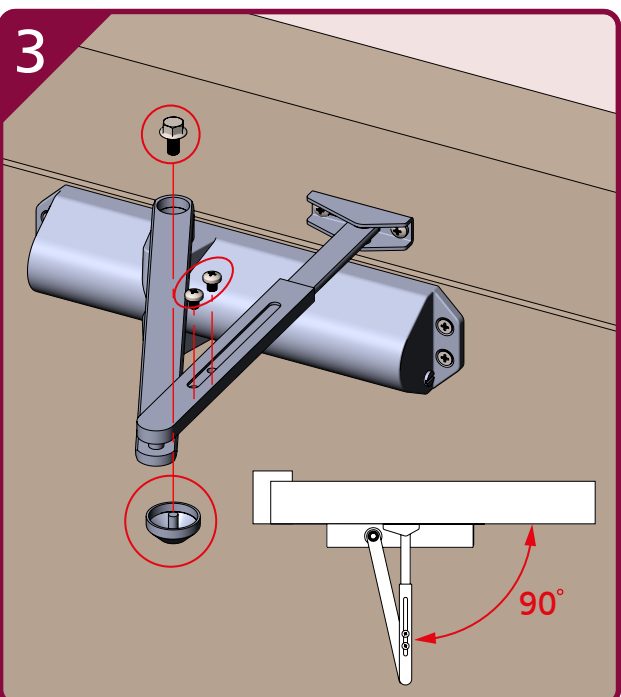
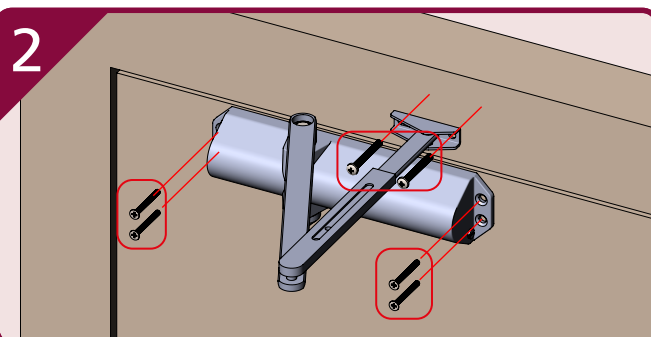
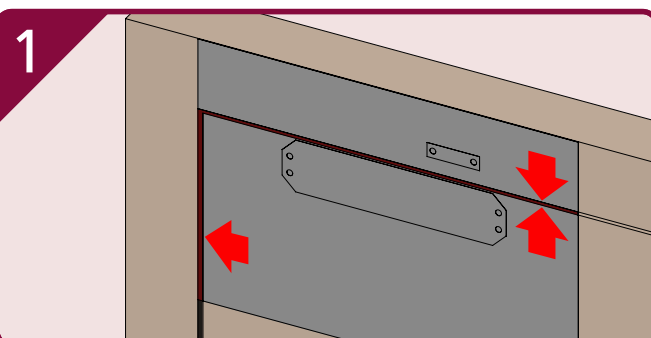
FIXING  
POSITION A

20mm



1 - Closing Speed  
2 - Latching Speed  
BC\*\* - Back Check

\*\* DA valves Model dependent



## EN 3 Power Size

| EN Size | Max door width | Door opening angle | Shoe Position | Fixing Position |
|---------|----------------|--------------------|---------------|-----------------|
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