

Cast Hinge 102

BALL BEARING • GRADE 13 • FIRE RATED • PACK OF THREE

CL – HG – 001 – [ALL FINISHES]

MARKING Pencil & marking knife	RECESS Chisel & mallet	PILOT Drill • Ø 2.5 mm bit	FIXING PZ2 screwdriver
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FITTING SEQUENCE • THREE HINGES PER DOOR

1 POSITION
Top hinge **150 mm** from the door head, bottom hinge **225 mm** from the foot, third hinge centred between. All three hinges from the pack must be fitted.

3 MORTISE
Chisel a flat-bottomed recess **3 mm** deep to the scribed lines so each leaf sits flush with the timber face.

5 FIX
Drive the supplied screws home by hand with a **PZ2** driver. Do not overdrive. Hang the door on the top hinge first, then the remainder.

2 SCRIBE
Hold a leaf on the door edge with the knuckle sitting clear and parallel. Scribe the perimeter with a marking knife; repeat on the frame.

4 PILOT
Mark the screw centres through the leaf and drill **Ø 2.5 mm** pilots, square to the face. A misaligned pilot will pull the leaf out of true.

6 CHECK
The door should swing freely without binding, with an even gap along the hinge edge. The bearings are sealed and need no lubrication.

FIRE DOOR INSTALLATIONS

Fit all three hinges. Follow the door leaf certificate at all times: use intumescent hinge pads where the certificate requires them, and do not modify the leaf beyond its certified allowances. FD30 / FD60 performance applies only to installations made in accordance with the certificate.

CARE

Wipe with a soft, dry cloth. No abrasives, no solvents, no polish. Living finishes will deepen in tone with use — this is intended.

SUPPORT

Certification documents are available on request. Write to studio@castlondon.co.uk quoting the serial on this sheet.

CAST STANDARD GRADE 13 • 120KG SERIES 02 / HARDWARE FD30 / FD60 QC PASSED • CL-QC-001