

Features and Benefits



- * Designed to meet requirements of PAS 24:2012, as part of a compliant door system, and BS 6375
- * Designed specifically for composite and timber doors
- * Security of the pin is achieved by a concealed grub screw, prevents unauthorised lift off on outward opening doors
- * Self-lubricating bushes
- * Suitable for inward and outward opening doors
- * Compatible with Aluminium door hinge trim

Technical Information

Material Specification

Hinge Body:	Zinc alloy casting
Composite Flag:	Aluminium extrusion
Hinge Pins:	Stainless Steel
Grub Screw:	Stainless Steel
Bushes:	Black POM (Acetal)

Additional Information

Individually packed
 24 hinges per box
 (Fixing screws not supplied)
 Fixing Jigs available on request.

Operation

Endurance tested to over 50,000 cycles

Adjustability

Lateral +2mm/-2mm, Height +3mm,
 Compression -0.5mm/+0.5mm

Max Weight Per Door

3 Hinges up to 100kg

Corrosion Resistance

Meets the requirements of BS EN 1670
 Grade 4 (240 hours)

Coatings

Brown Power Paint	RAL 8019
Light Brown Powder Paint	RAL 8003
White Powder Paint	Hypca White
Polished Gold and Chrome	

Maintenance

All moving parts should be lightly lubricated using a light non-acidic mineral oil (E.g. "3 in 1") twice per year and the surface cleaned with a soft damp cloth. The product may need to be adjusted and fixings tightened to ensure a satisfactory operation

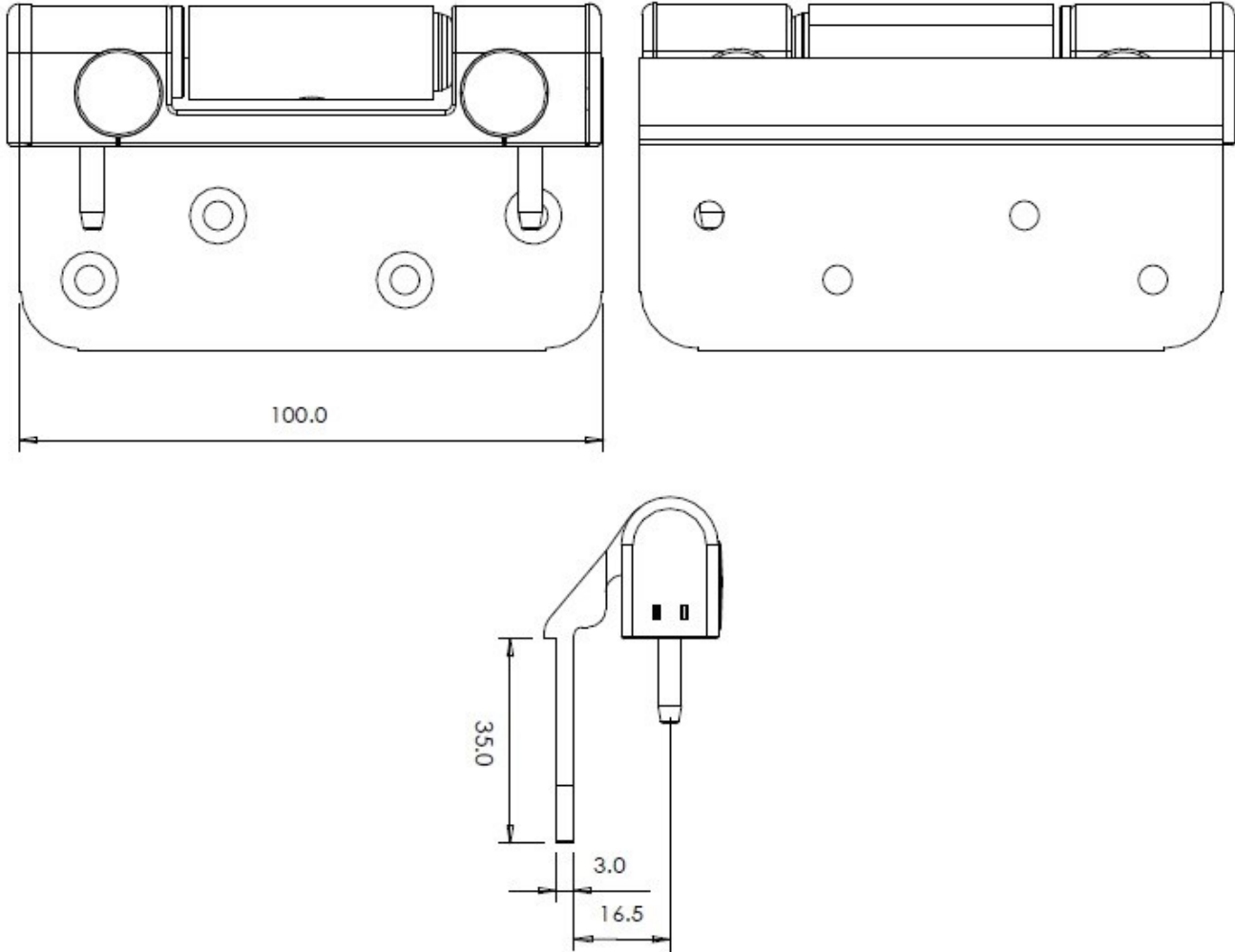


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Technical Drawing



Product Codes

Product Code	Description	Finish
B4600-01-BRW	Challenger Door Hinge, Body	White
B4620-01-WH	Composite Hinge, Flag	White
B4620-01-BRW	Composite Hinge, Flag	Brown
B4620-01-CH	Composite Hinge, Flag	PVD Chrome
B4620-01-GLD	Composite Hinge, Flag	PVD Gold



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