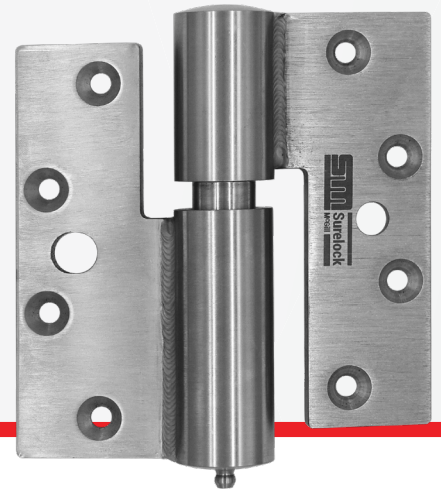


High performance Cam Lift for acoustic and RFI doors to support the weight and radial load as the door opens and closes. The HC30 Cam Lift Hinge provides a consistent smooth lift of 7.5 mm (0.29") over 180°, releasing the door from its bottom seal, reducing the risk of damage and wear.

Superb in design with fully machined helixes, the HC30 Cam Lift Hinge can handle door weights up to 350 kg (770 lbs). Manufactured in 316 grade stainless steel for maximum strength even in the harshest environments.



HC30 LEFT HAND CAM LIFT



HC30 LEFT HAND CAM LIFT WITH  
OPTIONAL SCREW-IN PIN

## FEATURES

- Full mortise hinge recessed into door and frame
- Designed for door weights up to 350 kg (770 lbs)
- 7.5 mm (0.29") lift over 180°
- 316 grade stainless steel offering long term durability
- Install using 8 x M6 A2 (#12-24 UNC 18-8) stainless steel screws (not supplied)
- Less than 2.5 kg (5 lbs) opening force on door leafs under 200 kg (440 lbs) to meet ADA requirements, with 2 hinges

## BENEFITS

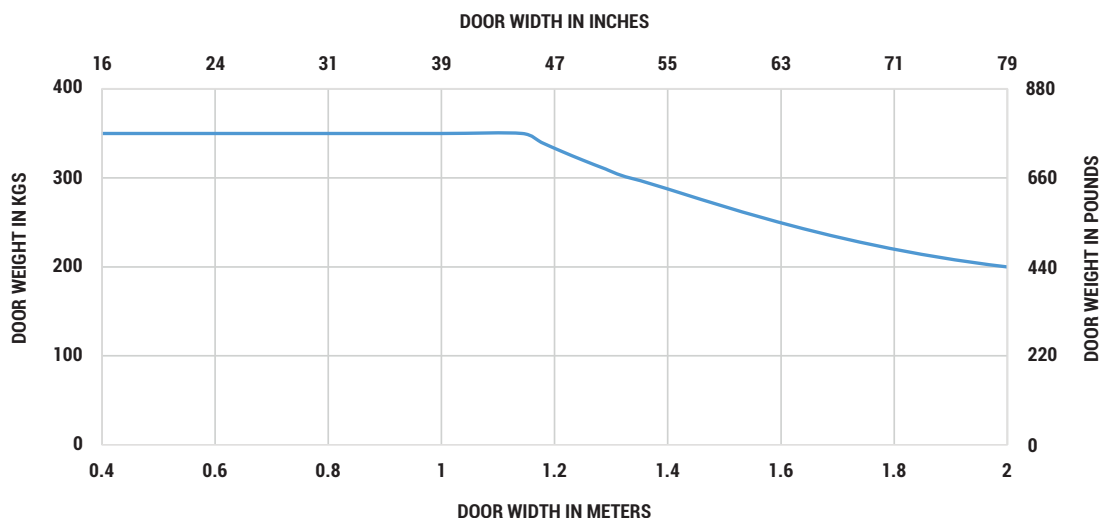
- Grease nipple for ease of service
- Cost savings from reduced damage and wear to door seals
- 5 x 5 leaf size and hole pattern match ANSI/BHMA standard mortise prep

## OPTIONS

- Compatible HC30 Electrified Power Transfer (EPT) hinge available with 12 conductor wire assembly

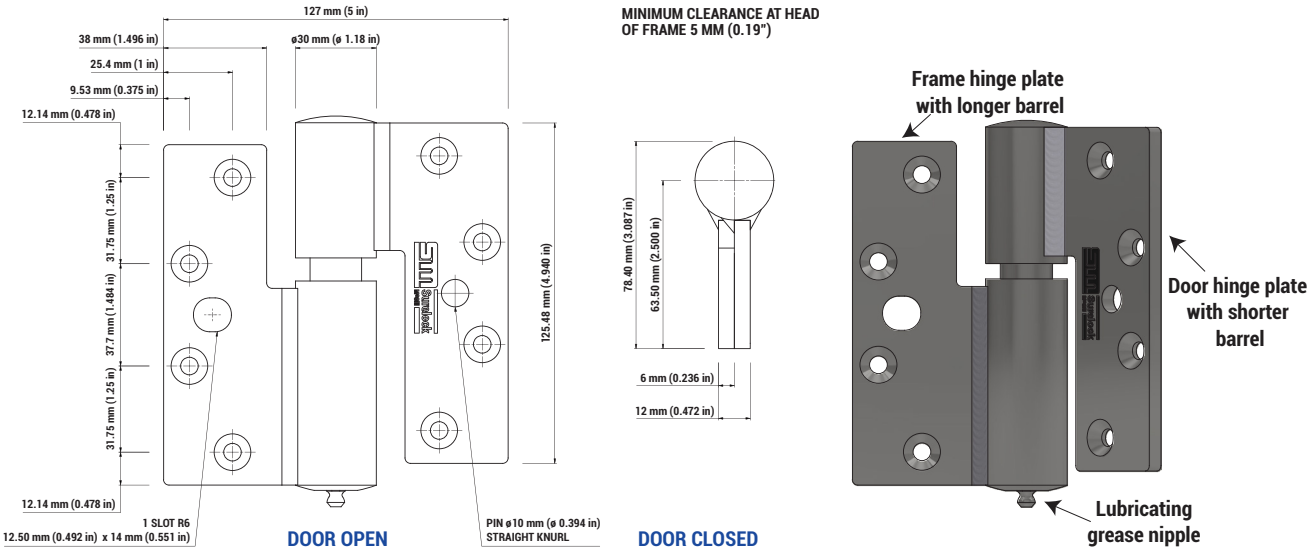
## LOADING CHART

The following chart is a guide for maximum door widths and weights tested on a door height of 2.1 m using 2 hinges spaced equally apart at the top and bottom of the leaf.

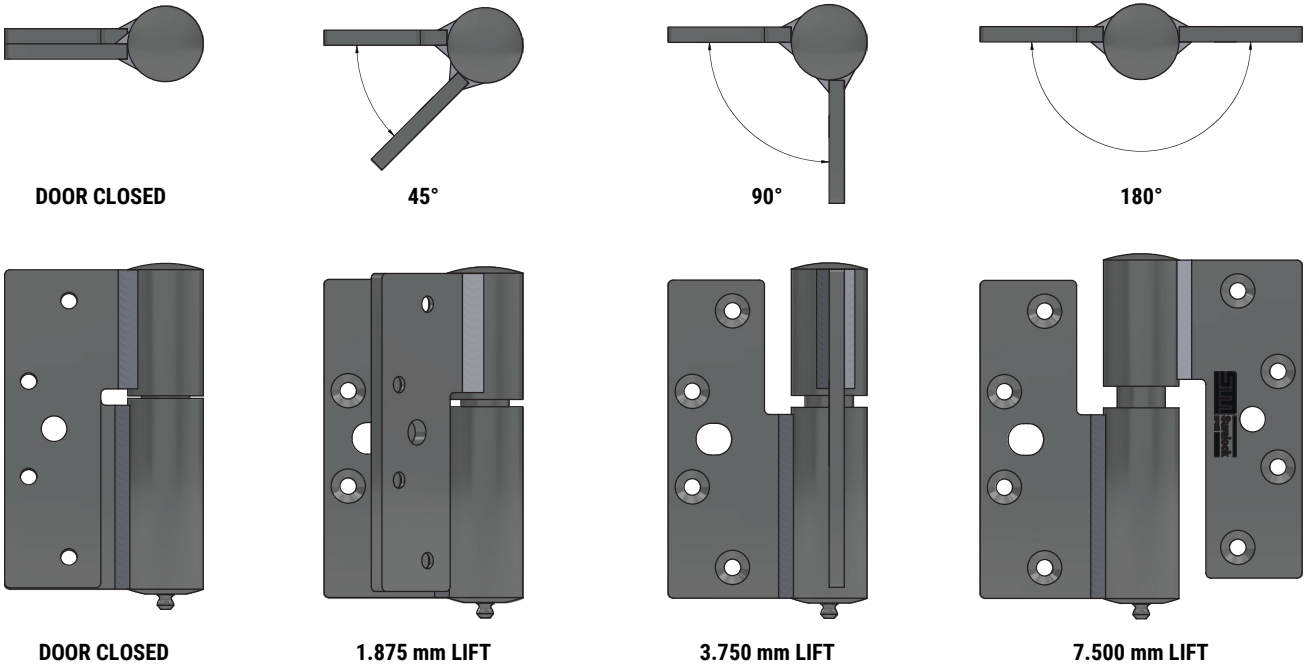


**LOAD DECLARATIONS** - All load ratings are based on mounting with M6 A2, or #12-24 UNC 18-8 stainless steel screws  
 Radial load capacity - 100 kg (220 lbs) per Cam Lift Hinge  
 Thrust load capacity - 175 kg (385 lbs) per Cam Lift Hinge

HC30 CAM LIFT HINGE TECHNICAL DRAWINGS



HC30 CAM LIFT HINGE DETAIL OF LIFT



SELF CODING SYSTEM

The HC30 Cam Lift Hinges have a structured ordering code that covers the quantity, plate details, security pins, finish and handing. Additional enhancements can be added to further customise.

EXAMPLE ORDER CODE: HC30-C2-55-00-B-LH (1 PAIR)

| SYSTEM |    | LOADING REQUIREMENT |   | HINGE CODE & QTY |                               |    | MOUNTING PLATE WIDTH |    | FINISH |                 | SECURITY PINS |           | ORIENTATION |  |
|--------|----|---------------------|---|------------------|-------------------------------|----|----------------------|----|--------|-----------------|---------------|-----------|-------------|--|
| HC     | 30 | Medium Duty         | C | 1                | Cam Lift Hinges (single)      | 55 | ANSI 5x5 Mortise     | 00 | Satin  | A               | Knock-in Pin  | RH        | Right Hand  |  |
|        |    |                     |   | 2                | Cam Lift Hinges (1 pairs)     |    |                      |    | B      | No Pin Provided | LH            | Left Hand |             |  |
|        |    |                     |   | 3                | Cam Lift Hinges (1 1/2 pairs) |    |                      |    | E      | Screw-in Pin    |               |           |             |  |