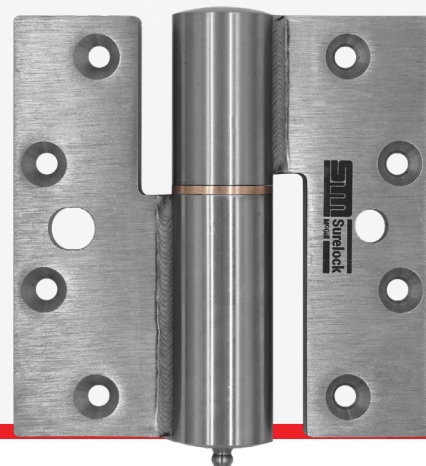


High performance HC30 Lift-Off Hinges for medium duty, high performance hinged doors, supporting the weight and radial load as the door opens and closes. Superb in design, the HC30 Lift-Off Hinge can handle door weights up to 350 kg (770 lbs). Manufactured in 316 grade stainless steel for maximum strength even in the harshest environments. Fitted with a thrust bearing and grease nipple for lubrication, providing smooth operation and longevity.

HC30 Lift-Off Hinges are normally used in a pair (2), or 1 ½ pairs (3) for over-height doors.



HC30 LEFT HAND LIFT-OFF



HC30 LEFT HAND LIFT-OFF WITH
OPTIONAL SCREW-IN PIN

FEATURES

- Full mortise hinge recessed into door and frame
- Designed for door weights up to 350 kg (770 lbs)
- Suitable for single axis swing doorsets
- 316 grade stainless steel offering long term durability
- Thrust bearing and greasing facility for smooth pivot operation and longevity
- 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

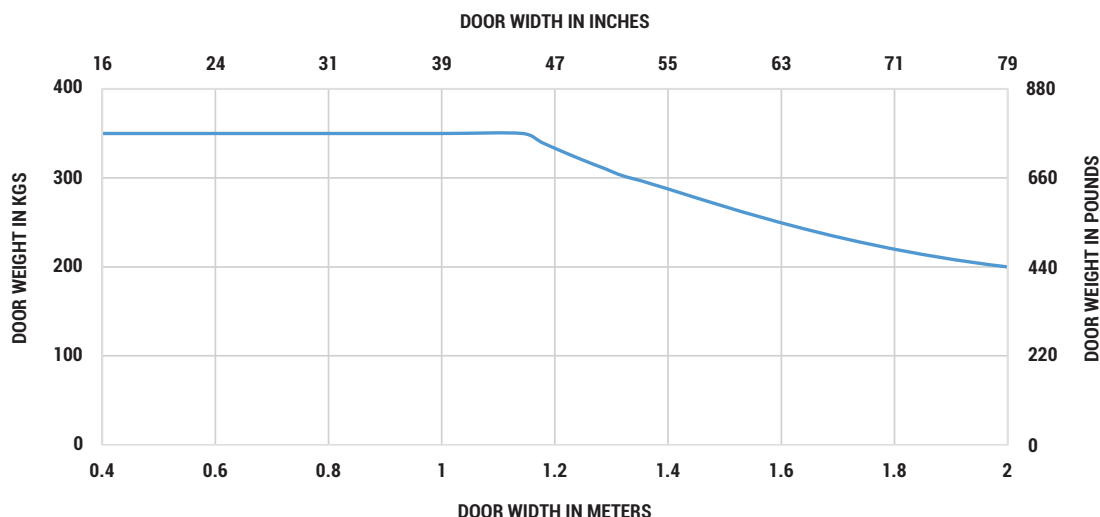
- Grease nipple for ease of service
- 5 x 5 leaf size and hole pattern match ANSI/BHMA standard mortise prep

OPTIONS

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

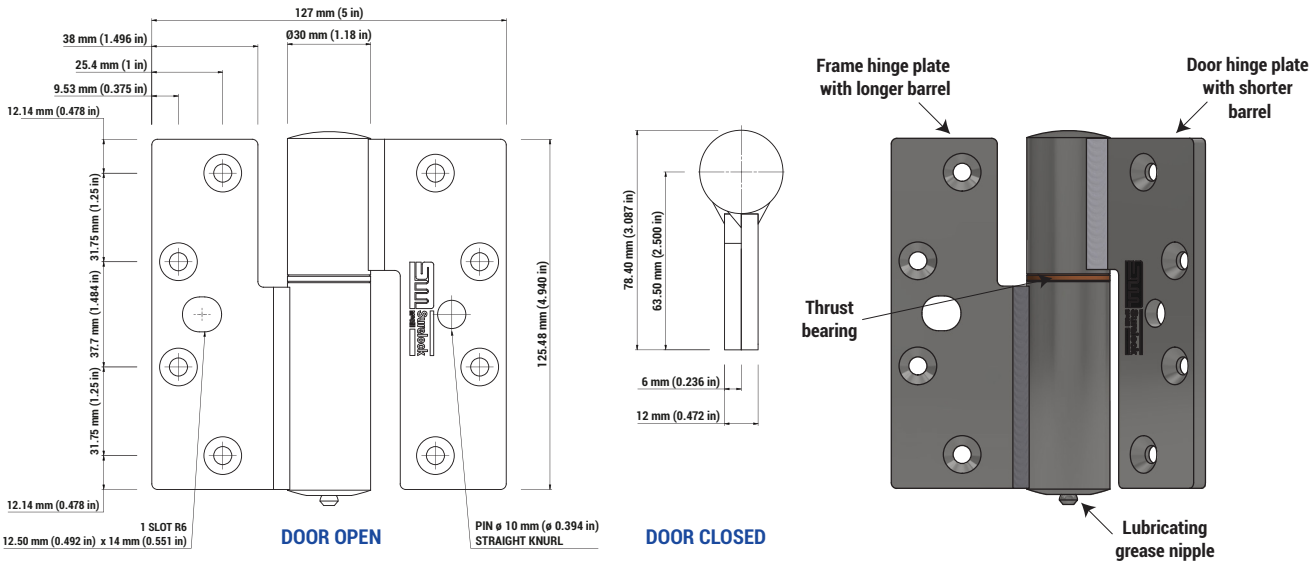
LOADING CHART

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 Lift-Off Hinge
 Thrust load capacity - 175 kg (385 lbs) per Lift-Off Hinge

HC30 LIFT-OFF HINGE TECHNICAL DRAWINGS



SELF CODING SYSTEM

The HC30 Lift-Off 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-L2-55-00-B-LH (1 PAIR)

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