

High performance HC44 Lift-Off Hinges for heavy duty, high performance hinged doors, supporting the weight and radial load as the door opens and closes. Superb in design, the HC44 Lift-Off Hinge can handle door weights up to 3,500 kg (7,700 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.

HC44 Lift-Off Hinges are normally used in a pair (2), or 1½ pairs (3) for over-height doors.



HC44 LEFT HAND LIFT-OFF

FEATURES

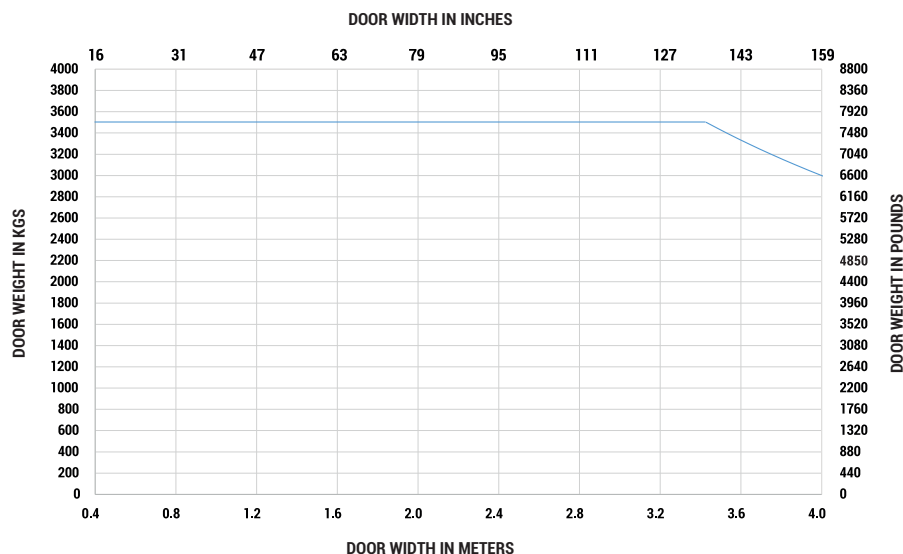
- Full surface hinge (surface mounted onto door and frame)
- Designed for door weights up to 3,500 kg (7,700 lbs) and a radial load up to 3,000 kg (6,600 lbs)
- 316 grade stainless steel offering long term durability
- Thrust bearing and greasing facility for smooth operation and longevity
- Install using 8 x M12 Grade 12.9 (1/2"-13 UNC Grade 8) screws (not supplied)

BENEFITS

- Grease nipple for ease of service
- Engineered for trouble free service
- Ideal solution for oversized and specialist doors

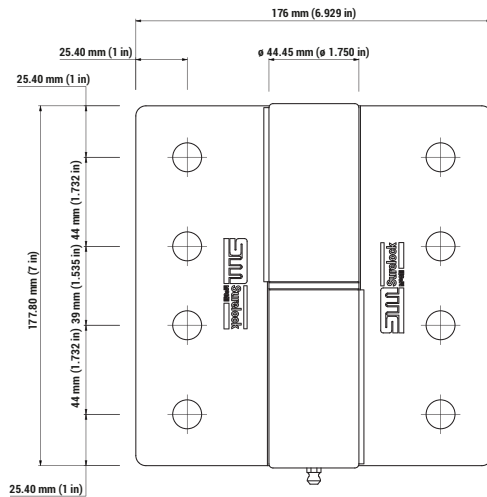
LOADING CHART

The following chart is a guide for maximum door widths and weights tested on a door height of 2.1 m using 3 hinges spaced equally apart at the top and bottom of the leaf.

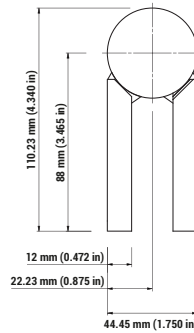


LOAD DECLARATIONS - All load ratings are based on mounting with # M12 Grade 12.9 screws or 1/2"-13 UNC Grade 8 screws
 Radial load capacity - 3,000 kg (6,600 lbs) per Lift-Off Hinge
 Thrust load capacity - 3,500 kg (7,700 lbs) per Lift-Off Hinge

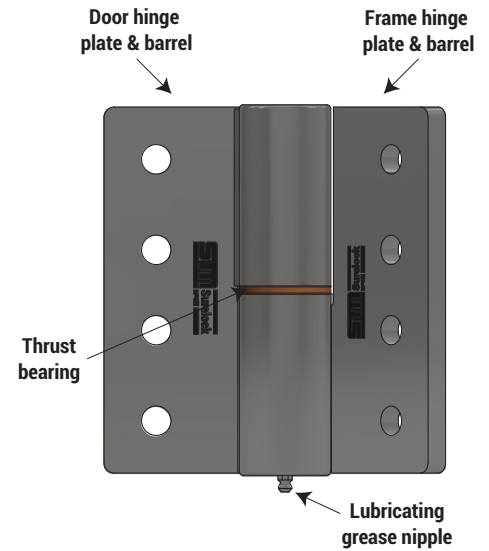
HC44 LIFT-OFF TECHNICAL DRAWINGS



DOOR CLOSED



DOOR OPEN



SELF CODING SYSTEM

The HC44 Lift-Off Hinge has a structured ordering code that covers the quantity, plate details, finish and handing. Additional enhancements can be added to further customise.

EXAMPLE ORDER CODE: HC44-L2-77-00-LH (1 PAIR)

SYSTEM	LOADING REQUIREMENT	HINGE CODE & QTY			MOUNTING PLATE WIDTH		FINISH		ORIENTATION	
HC	44 Heavy Duty	L	2	Lift-Off Hinges (1 pair)	77	Surface 7" x 7" (178 mm x 178 mm)	00	Satin	RH	Right Hand
			3	Lift-Off Hinges (1 1/2 pairs)					LH	Left Hand