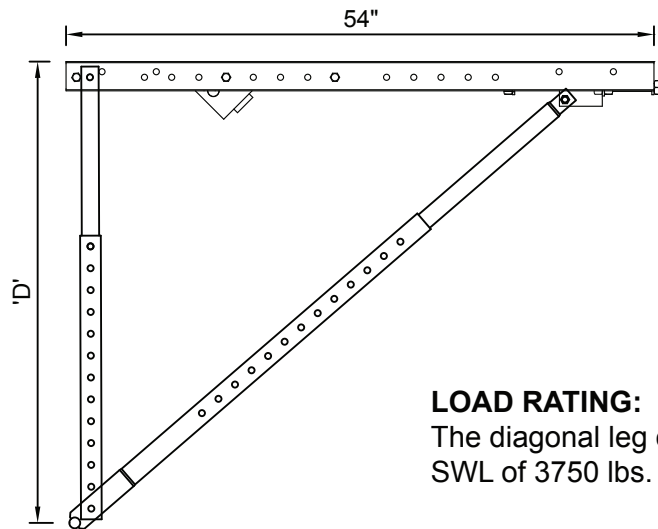


# GAMCO BH-49 OVERHANG BRACKET

## TECHNICAL INFORMATION



Bracket Type	Vertical Adjustment Range 'D'
BH-49	16" - 50"
BH-49-D	50" - 70"

### LOAD RATING:

The diagonal leg of both versions of the BH-49 have a SWL of 3750 lbs. based on an approximate FOS of 2:1.

### HORIZONTAL CHANNELS:

The horizontal channels are fabricated from back to back, unequal leg channel sections of 12 ga HRP&O, high strength low alloy steel meeting ASTM A-570 Grade 50 specifications (minimum yield strength of 50 ksi and a minimum tensile strength of 65 ksi. The channels are spaced 2-1/16".

### SECTION PROPERTIES:

Horizontal Channels:

S (Total Section Modulus) = 0.537 in<sup>3</sup>

I (Moment of Inertia) = 0.799 in<sup>4</sup>

A (Area) = 0.888 in<sup>2</sup>

BH-54 Overhang Bracket Extender:

S (Total Section Modulus) = 0.231 in<sup>3</sup>

I (Moment of Inertia) = 0.310 in<sup>4</sup>

A (Area) = 0.438 in<sup>2</sup>

### VERTICAL AND HORIZONTAL LEGS:

The vertical and horizontal legs are fabricated from carbon steel tubing meeting Grade 1010 per ASTM A-513 standards. The tube diameters and wall thickness is the following:

Outer Tube OD = 1.90 in

Outer Tube Wall = 0.091"

Inner Tube OD = 1.60 in

Outer Tube Wall = .120 in

### CONNECTION BOLTS AND NUTS:

Connection bolts and nuts are galvanized 1/2" Grade 5 SAE J429 (ASTM A449) or M12 ASTM A325M and ASTM A490M.



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