



by ignify

Pole/Bracket

Pole Accessories

Bullhorn Brackets
For Round or Straight
Steel or Aluminum Poles

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

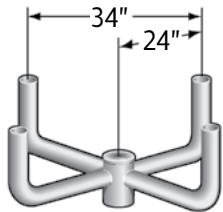
Ordering Guide – Bullhorn Bracket Type

example: 4B90(X)RS-(F)

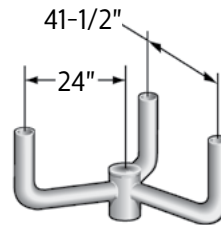
# of Bullhorns (B)	Pole or Tenon Size (X)	Round (R) or Square (S)	Steel (S) or Aluminum (A)	Finish (F)
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Enter the order code into the appropriate box above. Note: Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

Round Center Hub Brackets (available for steel or aluminum poles)

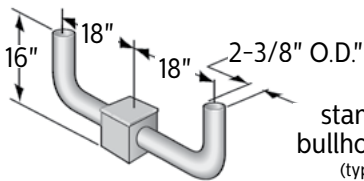


4B90(X)RS-(F)
Quad spider bullhorn for round or square steel pole.
4B90(X)RA-(F)
Quad spider bullhorn for round aluminum pole.

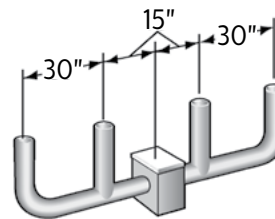


3B120(X)RS-(F)
Triple spider bullhorn for round or square steel pole.
3B120(X)RA-(F)
Triple spider bullhorn for round aluminum pole.

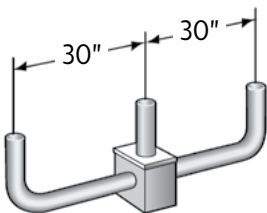
Square Center Hub Brackets (available for aluminum poles only)



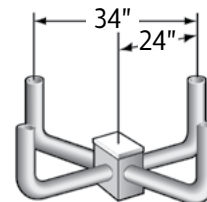
standard bullhorn O.D. (typical)
2B(X)SA-(F)
Twin bullhorn for square aluminum pole.



4B180(X)SA-(F)
Quad in-line bullhorn for square aluminum pole.

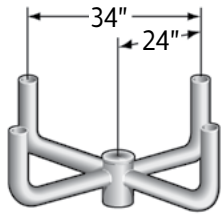


3B(X)SA-(F)
Triple bullhorn for square aluminum pole.



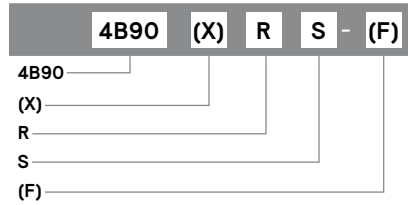
4B90(X)SA-(F)
Quad spider bullhorn for square aluminum pole.

Pole Accessories Bullhorn Brackets



Steel Quad "Spider" Bullhorn

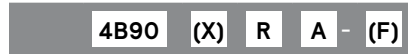
Round Center Hub, for Round or Square Steel Pole



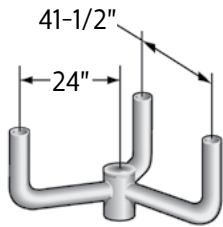
Steel Bracket EPA	2.3 ft ²
Max EPA Load Per Tenon	3.0 ft ²
Steel Bracket wt.	44 lbs

Aluminum Quad "Spider" Bullhorn

Round Center Hub, for Round Aluminum Pole (note: RA denotes Round Aluminum)

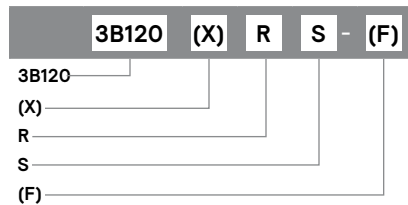


Aluminum Bracket EPA	1.00 ft ²
Max EPA Load Per Tenon	4.8 ft ²
Aluminum Bracket wt.	19 lbs



Steel Triple "Spider" Bullhorn

Round Center Hub, for Round or Square Steel Pole



Steel Bracket EPA	1.3 ft ²
Max EPA Load Per Tenon	3.8 ft ²
Steel Bracket wt.	34 lbs

Aluminum Triple "Spider" Bullhorn

Round Center Hub, for Round Aluminum Pole (note: RA denotes Round Aluminum)



Aluminum Bracket EPA	0.88 ft ²
Max EPA Load Per Tenon	4.8 ft ²
Aluminum Bracket wt.	16 lbs

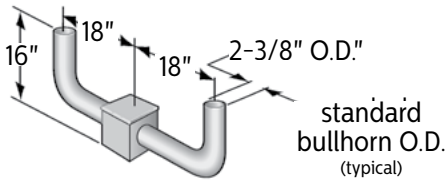
Note: See page 4 to specify **X** (tenon type or pole size) and **F** (finish).

Catalog Number					
SBH4-2DBX Square Steel Bullhorn Brackets for Pole Top Mounting					
Cat. #	Finish	No. Tenons	Tenon Size	Pole Tenon Size	Wt. lbs
SBH4-2PX	Primer	4 @ 90°	2-3/8"	2-3/8"	47
SBH4-2DBX	Dk. Bronze	4 @ 90°	2-3/8"	2-3/8"	47
SBH4-2GX	Galvanized	4 @ 90°	2-3/8"	2-3/8"	47
EPA	2.1 ft ²				

Catalog Number					
SBH3-2DB Square Steel Bullhorn Brackets for Pole Top Mounting					
Cat. #	Finish	No. Tenons	Tenon Size	Pole Tenon Size	Wt. lbs
SBH3-2P	Primer	3 in a row	2-3/8"	2-3/8"	35
SBH3-2DB	Dk. Bronze	3 in a row	2-3/8"	2-3/8"	35
SBH3-2G	Galvanized	3 in a row	2-3/8"	2-3/8"	35
EPA	1.7 ft ²				

Catalog Number					
SBH2-2DB Square Steel Bullhorn Brackets for Pole Top Mounting					
Cat. #	Finish	No. Tenons	Tenon Size	Pole Tenon Size	Wt. lbs
SBH2-2P	Primer	2 in a row	2-3/8"	2-3/8"	47
SBH2-2DB	Dk. Bronze	2 in a row	2-3/8"	2-3/8"	47
SBH2-2G	Galvanized	2 in a row	2-3/8"	2-3/8"	47
EPA	1.1 ft ²				

Pole Accessories Bullhorn Brackets



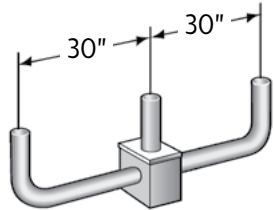
Aluminum Bracket EPA	0.8 ft ²
Max EPA Load Per Tenon	5.3 ft ²
Steel Bracket wt.	16 lbs

Aluminum Twin Bullhorn

Square Center Hub, for Square Aluminum Pole

2B (X) S A - (F)

2B	Two bullhorns
(X)	Tenon Type or Pole O.D. (in Inches)
S	Square Center Hub
A	Aluminum
(F)	Finish



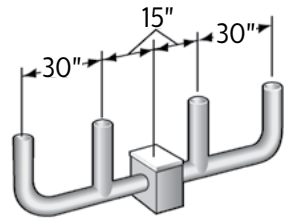
Aluminum Bracket EPA	1.5 ft ²
Max EPA Load Per Tenon	6.0 ft ²
Steel Bracket wt.	20 lbs

Aluminum Triple Bullhorn

Square Center Hub, for Square Aluminum Pole

3B (X) S A - (F)

3B	Triple bullhorns
(X)	Tenon Type or Pole O.D. (in Inches)
S	Square Center Hub
A	Aluminum
(F)	Finish



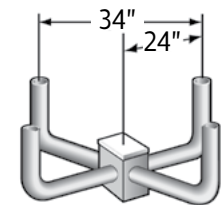
Aluminum Bracket EPA	2.25 ft ²
Max EPA Load Per Tenon	4.0 ft ²
Max wt. Load Per Tenon	75 lbs
Aluminum Bracket wt.	24 lbs

Aluminum Quad In-Line Bullhorn

Square Center Hub, for Square Aluminum Pole

4B180 (X) S A - (F)

4B180	Four in-line bullhorns
(X)	Tenon Type or Pole O.D. (in Inches)
S	Square Center Hub
A	Aluminum
(F)	Finish



Aluminum Bracket EPA	2.25 ft ²
Max EPA Load Per Tenon	4.0 ft ²
Max wt. Load Per Tenon	75 lbs
Aluminum Bracket wt.	24 lbs

Aluminum Quad "Spider" Bullhorn

Square Center Hub, for Square Aluminum Pole

4B90 (X) S A - (F)

4B90	Four bullhorns @ 90°, "spider configuration"
(X)	Tenon Type or Pole O.D. (in Inches)
S	Square Center Hub
A	Aluminum
(F)	Finish

Pole Accessories Bullhorn Brackets

X = Tenon Type	
T2 (standard)	2.38" O.D. x 4" tall tenon <i>Note: 4-1/2" tall tenon available as special order. Consult factory when specifying with PTRD or PTSQ (EAL Post Top Mounting options).</i>
T3	3.0" O.D. x 5-5/8" tall tenon
T4	4.0" O.D. x 5-5/8" tall tenon

X = Pole O.D.	
3	3.0" O.D. round pole
4	4.0" O.D. round or square pole
4.5	.5" O.D. round pole
5	5.0" O.D. round or square pole
6	6.0" O.D. round or square pole

F = Steel Pole Finishes	
PP	Prime Painted
BRP	Bronze Paint
BLP	Black Paint
WP	White Paint
NP	Natural Aluminum Paint
GV	Galvanized
FPGV	Finished paint over Galvanized
OC	Optional color paint Specify RAL designation ex: OC-RAL7024
SC	Special color paint Specify. Must supply color chip

F = Aluminum Pole Finishes	
BRP	Bronze Paint
BLP	Black Paint
WP	White Paint
NP	Natural Aluminum Paint
SA	Satin Aluminum powdercoat finish
BRA	Bronze Anodized
BLA	Black Anodized
OC	Optional color paint Specify RAL designation ex: OC-RAL7024
SC	Special color paint Specify. Must supply color chip

Specifications

MAXIMUM WEIGHT LOAD

Maximum weight load per tenon is 100 lbs. (except as noted).

The maximum tenon loading is calculated for weights based on a 100 MPH constant wind with a 1.3 gust factor located 30' above grade (maximum 70' mounting height). When loading requirements exceed these limits, contact factory. Total combined weight and EPA of brackets and luminaires must not exceed that allowed on pole ordered.

ARM MATERIAL (STEEL)

Steel arms are fabricated from 2" schedule 40 pipe with the exception of the 5-light bullhorn (10 ft. overall span) which is 2.0" schedule 80 pipe.

LUMINAIRE CLEARANCE CONSIDERATIONS

Adjacent tenon spacing and fixture dimensions must be compared for proper clearance between fixtures.

CENTER HUB INTERIOR DIAMETER (I.D.)

Unless otherwise specified, bullhorn bracket center hub

slipfits 2-3/8" O.D. round pole or 2-3/8" O.D. x 4.0" tall tenon (T2, standard).

To accommodate mounting of bullhorn bracket assembly to larger and taller tenons, T3, T4 or special order hub I.D. may be specified.

ROUND CENTER HUB: STEEL OR ALUMINUM

Where the bullhorn bracket assembly mounts to a pole with a pole top tenon, the O.D. of the pole is specified for proper transition of the round hub to the (3", 4", 4-1/2", 5", or 6") round pole or (4", 5", or 6")

square pole. Steel center hub material is 2.5" schedule 40 pipe, with the exception of the 5-light bullhorn (10 ft. overall span) which is 4.0" schedule 40 pipe. Center hubs without tenons feature removable cap.

SQUARE CENTER HUB: ALUMINUM ONLY

Where the bullhorn bracket assembly mounts to a square pole with a pole top tenon, the square pole size (4", 5", or 6") is specified for proper transition of the square hub to square pole. Center hubs without tenons feature removable cap.

