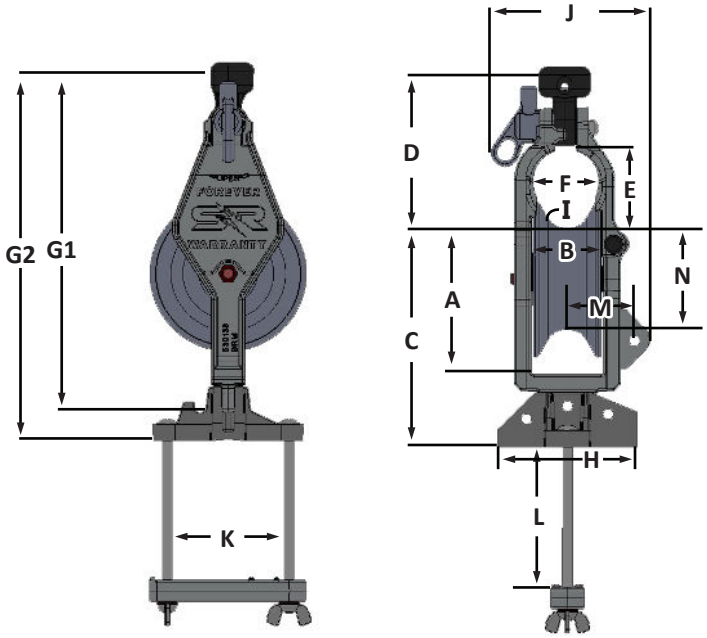
Universal Stringing Blocks

Model XS-100-B

- Can be used in suspension utilizing a high-strength, hot-dipped galvanized socket connector (ANSI C-29.2-71)
- Used on crossarms from 5 x 6 in. to 9½ x 7 in. positions with Fastrap® or crossarm* bracket
- 100% positive-locking, spring-loaded head pin assembly has large hook for hot stick operation
- Light but extremely rugged
- Sheave and crossarm* bracket base are heat-treated, permanent mold castings
- Low-friction, sealed ball bearings are lubricated for life of block under normal operating conditions
- Four material options available for sheave/groove linings: polished-groove aluminum, urethane on aluminum, ductile iron or nylon
- Ductile iron is optimal for unusually-rugged applications due to its abrasion resistance



*Crossarm brasket sold separately

Specifications

Size	Outside Sheave Dia. (in.)	Rim Width (in.)	Height Above Crossarm (in.)	Point of Connection to Bottom of Conductor (in.)	Throat		Overall Length (in.)		Width of Crossarm Bracket (in.)
					Height (in.)	Width (in.)			
	A	B	C	D	E	F	G1	G2	H
7	7	3	9¾	6⅔	3⅝	3 1⁄16	14 11⁄16	15 9⁄16	6¼

Radius (in.)	Width at Widest Point (in.)	Max. Crossarm Size (in.)		Sheave to Mounting Hole (in.)	Bottom of Groove Dia. (in.)
I	J	K	L	M	N
1	7	5	6	3	4½

Size (in.)	Max. OD of Conductor (in.)	Max. Working Load Limit (lb.)	Block Weight (lb.)	Block Weight w/o Bracket (lb.)
7	1¾	2,500	12½	9¼


#1 Hook


#1 Hook w/ Safety Latch


#6 Oval Eye


#8 Clevis


#3030 Y-Clevis

Accessories

XS-100 Fastrap® Bracket

- Requires less than half the time to mount/dismount compared to ordinary brackets
- Compatible with nearly all distribution-type stringing blocks
- One model fits all cross-arm sizes
- No tools needed to mount/dismount
- Strong holding force, without damage, regardless of materials

XS-100 Fastrap® Bracket	
Pulling Load (Rated)	2,500 lb., vertical; 1,500 lb., horizontal
Max. Compatible Cross-Arm Size	4 in. x 10 in.
Min. Compatible Cross-Arm Size	3½ in. x 4½ in.
Operating Mechanism	Encircling strap w/ manual tightening using a fine-tooth ratcheted lever; released by quick-release lever
Base	Aluminum, w/ slip-resistant coating
Strap	30 in. length, Polyester, woven, w/ UV inhibitors & wear indicators
Min. Strap-Assembly Breaking Strength	9,000 lb.
Ratchet Material	Steel with corrosion-resistant coating
Weight (Nom.)	6½ lb.
Dimensions (Stored, Nom.)	12 in. x 7¼ in. x 6 in.

XS-100 Fastrap® Bracket

***Specifications are subject to change**

XS-100-B Sheave Options

Polished Groove Sheave - Standard (Original)

- 7 in x 3 in. cast aluminum alloy sheave, heat-treated for strength and extended life, finished with precision machining
- Suitable for many conductor stringing and cable placement applications
- Sealed, anti-friction ball bearings, lubricated for life under normal operating conditions
- 98% efficiency during stringing; reducing the amount of force and strain on the conductor during pulling and tensioning operations

Urethane-Lined Sheave

- Same profile as polished groove but with cast-in-place urethane polymer lining
- In one material, combines the resiliency of rubber and the hardness of structural plastics
- Due to its elasticity, the material will flow under the load exerted by wire rope pulling line or conductor, making it an ideal application for conductor, static wire or even fiber optic cables
- Improved capabilities regarding high load, resistance to impact, abrasion, compression set and chemical resistance including ozone, oil and many others
- Premium-grade urethane elastomer with 90-92 ‘A’ scale durometer hardness, same material as found on Sherman+Reilly bullwheel tensioners
- Interchangable with all XS-100 frames

Ductile Iron Sheave

- Same profile as all other 7 in. x 3 in. sizes
- Ideal for stringing steel static, new or reconductoring
- Block weight will increase approximately 7 lb.
- Not recommended for aluminum conductor
- Interchangable with all XS-100 frames

Nylon Sheave

- Entire sheave is manufactured from nylon in the same 7 in x 3 in. profile as the other options
- Excellent combination of toughness, dimensional stability, impact/wear resistance, chemical resistance and good dielectric properties resulting in a great choice for almost all stringing applications and cable placement