

Shoe Cleat

370 Series



The shoe cleat offers additional support for large cables where single point loading and linear expansion need to be considered.

Description

In order to allow for the linear expansion of larger cables the support positions are often broadly spaced. Such broad spacing would put very high point loading on the cables which could lead to long term failure. The shoe cleats are designed to allow this potentially damaging load to be spread over a significantly longer length thus avoiding any potential cable damage. Based on the 370 series of aluminium 2 bolt cleats with the shoes made from 316L stainless steel with rubber lining. The shoes are designed and formed with the correct bend radius to match the cable's expansion curve.

Performance Data

| Test Standard | EN 50368:2003 |
|-------------------|----------------|
| Type | 6.1.1 Metallic |
| Impact Resistance | 6.2.5 V. Heavy |
| Lateral Load | 18.1 kN |
| Axial Load | 11.4 -> 13.8kN |
| Needle Flame | >120 secs |

* Technical Information subject to change without notice



Technical Data

| Cable and Cleat Selection | | | | Cleat Details | | | |
|---------------------------|--------------|----------------|-----|---------------|-------------------|-------------|-----------------------|
| Design Number | | Cable Diameter | | Stud Size | Bolt Centres (mm) | Length (mm) | Expansion Radius (mm) |
| Standard | Epoxy Coated | A (mm) | | | | | |
| | | Min | Max | | | | |
| 370BA16SL | 370BB16SL | 79 | 85 | M12 | 126 | 400 | 3000 |
| 370BA17SL | 370BB17SL | 85 | 91 | M12 | 126 | 400 | 3000 |
| 370BA18SL | 370BB18SL | 91 | 98 | M12 | 140 | 400 | 3000 |
| 370BA19SL | 370BB19SL | 98 | 104 | M12 | 140 | 450 | 3000 |
| 370BA30SL | 370BB30SL | 105 | 111 | M12 | 150 | 450 | 3000 |
| 370BA31SL | 370BB31SL | 111 | 117 | M12 | 150 | 500 | 3000 |
| 370BA32SL | 370BB32SL | 117 | 123 | M12 | 175 | 600 | 3000 |
| 370BA33SL | 370BB33SL | 123 | 130 | M12 | 175 | 700 | 3000 |
| 370BA34SL | 370BB34SL | 130 | 136 | M12 | 175 | 700 | 3000 |
| 370BA35SL | 370BB35SL | 136 | 142 | M12 | 185 | 800 | 3000 |
| 370BA36SL | 370BB36SL | 142 | 149 | M12 | 190 | 800 | 3000 |

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Contact the Prysmian Components technical team who will be able to match the correct cleat and spacing to the size of cable and installation design.

Prysmian Cables & Systems Limited,
Oak Road, Wrexham Industrial Estate, Wrexham, LL13 9PH, UK

Commercial Enquiries,
Sales Office Tel: 0845 767 8345,
International Sales Office Tel: +44 2380 295481

www.biconcomponents.co.uk