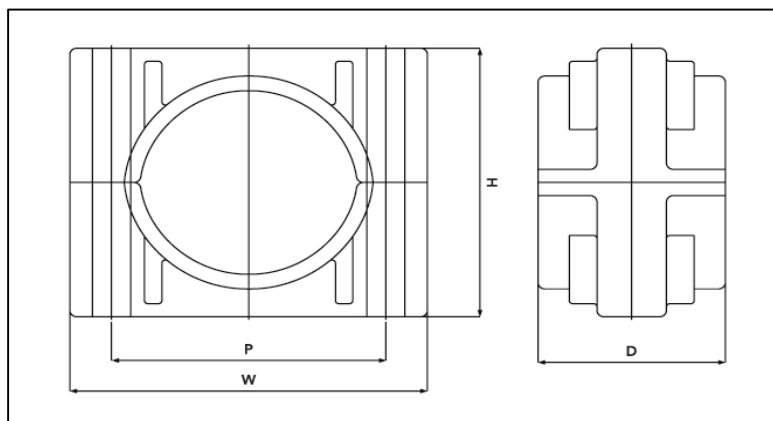


## Two Hole Aluminium Cableclamp (2A) Data Sheet

Manufactured as standard in plain LM6 aluminium to BS 1490. Used to fix power cables in dry industrial or outdoor unpolluted applications, the product can be epoxy coated for use in harsh environments, such as sea air conditions. The clamp can also be supplied with a V0 Neoprene liner.



### Selection Table for Aluminium Two Hole Cable Clamps

| Part No  | Cable Ø<br>Range<br>mm | Liner<br>Thickness<br>mm | Range Take<br>with Liner<br>mm | Dimensions |         |         |         | Fixing<br>Hole | Pack<br>Qty. | Weight<br>g |
|----------|------------------------|--------------------------|--------------------------------|------------|---------|---------|---------|----------------|--------------|-------------|
|          |                        |                          |                                | W<br>mm    | H<br>mm | D<br>mm | P<br>mm |                |              |             |
| 2A-07N   | 38-46                  | 3                        | 32-40                          | 94         | 48      | 49      | 68      | 2 x M10        | 1            | 166         |
| 2A-08N   | 46-51                  | 3                        | 40-45                          | 104        | 54      | 49      | 79      | 2 x M10        | 1            | 196         |
| 2A-09N   | 51-57                  | 3                        | 45-51                          | 105        | 61      | 49      | 79      | 2 x M10        | 1            | 210         |
| 2A-10N   | 57-64                  | 3                        | 51-58                          | 105        | 68      | 49      | 79      | 2 x M10        | 1            | 226         |
| 2A-11N   | 64-70                  | 3                        | 58-64                          | 133        | 74      | 64      | 106     | 2 x M10        | 1            | 339         |
| 2A-1200N | 70-76                  | 3                        | 64-70                          | 133        | 80      | 64      | 106     | 2 x M10        | 1            | 347         |
| 2A-1201N | 76-83                  | 3                        | 70-77                          | 133        | 87      | 64      | 106     | 2 x M10        | 1            | 342         |
| 2A1202N  | 83-90                  | 3                        | 77-84                          | 133        | 94      | 64      | 106     | 2 x M10        | 1            | 356         |
| 2A-131N  | 90-97                  | 4                        | 82-89                          | 154        | 101     | 76      | 126     | 2 x M10        | 1            | 490         |
| 2A-132N  | 97-105                 | 4                        | 89-97                          | 154        | 109     | 76      | 126     | 2 x M10        | 1            | 468         |
| 2A-141N  | 105-112                | 4                        | 97-104                         | 165        | 118     | 76      | 135     | 2 x M10        | 1            | 532         |
| 2A-142N  | 112-120                | 4                        | 104-112                        | 173        | 124     | 76      | 143     | 2 x M10        | 1            | 590         |
| 2A-151N  | 120-128                | 5                        | 100-118                        | 196        | 148     | 125     | 168     | 2 x M12        | 1            | 1700        |
| 2A-152N  | 128-135                | 5                        | 118-125                        | 203        | 158     | 125     | 176     | 2 x M12        | 1            | 1840        |
| 2A-161N  | 135-144                | 5                        | 125-134                        | 222        | 168     | 150     | 190     | 2 x M16        | 1            | 2633        |
| 2A-162N  | 144-152                | 5                        | 134-142                        | 232        | 179     | 150     | 200     | 2 x M16        | 1            | 2856        |
| 2A-171N  | 152-160                | 5                        | 142-150                        | 242        | 190     | 150     | 210     | 2 x M16        | 1            | 3089        |
| 2A-172N  | 160-168                | 5                        | 150-158                        | 252        | 201     | 150     | 220     | 2 x M16        | 1            | 3332        |



To order a clamp with a liner add an 'L' suffix to the part no. e.g. 2A-07NL

## Testing Information

Two Hole Cable Clamps have been tested in line with the International Standard of "Cable Cleats for Electrical Installations" IEC 61914: 2009. Typical results below.

| Properties                                                                                    | IEC 61914:2009<br>Classification Clause | Units /<br>Classification                               | Test Data                                 |
|-----------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------|-------------------------------------------|
| Cleat Type                                                                                    | 6.1.1                                   | Metallic                                                | -                                         |
| Impact Resistance                                                                             | 6.3.5, 9.2                              | Very Heavy<br>Classification<br>(>6.7kg @<br>300mm)     | Pass                                      |
| Resistance to<br>Electro Mechanical<br>Force<br>(Undertaken at<br>Damstra<br>Laboratories NL) | 6.4, 6.4.4, 9.5.3                       | kA @ 200mm<br>Phase Spacing.<br>1000mm cleat<br>spacing | 113 Peak<br>(Report No. PDL-<br>15.025.1) |
| Temperature for<br>Permanent<br>Application                                                   | 6.2                                     | °C                                                      | -40 to 90                                 |
| Needle Flame Test                                                                             | 10.0, 10.1                              | Application<br>Time<br>(seconds)                        | >120                                      |
| Lateral Load Test                                                                             | 9.3                                     | Newtons (N)                                             | 25000                                     |
| Axial Movement Test                                                                           | 9.4                                     | Newtons (N)                                             | 1200                                      |