Permissible load (kN)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | **AP110** | | | Aluminium prop  EN 16031:2012 | | |
| Code | **AP2500-110**  l = 2.5 – 1.45 m | | **AP3500-110**  l = 3.5 – 1.95 m | | **AP4800-110**  l = 4.8 – 2.68 m | | **AP6250-110**  l = 6.25 – 4.3 m | |
| Class | **T** | | **R** | | **D** | | **D** | |
| Weight | 15.3 kg | | 19.2 kg | | 24.6 kg | | 31.2 kg | |
| Extended Length (m) |  |  |  |  |  |  |  |  |
| 1.45 | 73 kn | 76 kn |  |  |  |  |  |  |
| 1.5 | 73 | 76 |  |  |  |  |  |  |
| 1.70 | 73 | 76 |  |  |  |  |  |  |
| 1.90 | 68 | 76 |  |  |  |  |  |  |
| 1.95 | 67 | 76 | 88 | 87 |  |  |  |  |
| 2.10 | 64 | 75 | 83 | 87 |  |  |  |  |
| 2.30 | 61 | 70 | 73 | 86 |  |  |  |  |
| 2.50 | 60 | 64 | 64 | 83 |  |  |  |  |
| 2.70 |  |  | 59 | 78 | 86 | 71 |  |  |
| 2.90 |  |  | 56 | 72 | 72 | 70 |  |  |
| 3.10 |  |  | 53 | 65 | 63 | 69 |  |  |
| 3.30 |  |  | 50 | 55 | 55 | 68 |  |  |
| 3.50 |  |  | 43 | 45 | 50 | 64 |  |  |
| 3.70 |  |  |  |  | 46 | 58 |  |  |
| 3.90 |  |  |  |  | 42 | 50 |  |  |
| 4.10 |  |  |  |  | 38 | 44 |  |  |
| 4.30 |  |  |  |  | 35 | 38 | 56 | 44 |
| 4.50 |  |  |  |  | 31 | 34 | 53 | 44 |
| 4.70 |  |  |  |  | 27 | 29 | 49 | 43 |
| 4.80 |  |  |  |  | 25 | 27 | 46 | 42 |
| 5.00 |  | | | | | | 41 | 40 |
| 5.20 | 36 | 37 |
| 5.40 | 32 | 34 |
| 5.60 | 28 | 31 |
| 5.80 | 25 | 28 |
| 6.00 | 23 | 25 |
| 6.20 | 21 | 23 |
| 6.25 | 20 | 22 |