

| CORSS SECTIONAL AREA(MM2) | STEEL RATIO(%) | AAAC SECTIONAL AREA(MM2) | STEEL SECTIONAL AREA(MM2) | TOTAL CORSS SECTIONAL AREA(MM2) | SINGLE AAAC WIRE NO. (N) | SINGLE STEEL WIRE NO. (N) | SINGLE AAAC WIRE DIAMETER (MM) | SINGLE STEEL WIRE DIAMETER(MM) | STEEL CORE DIAMETER(mm) | TOTAL DIAMETER(mm) | WEIGHT(KG/KM) | DC RESISTANCE (OHM/KM) | RATED BREAKING FORCE |
|---------------------------|----------------|--------------------------|---------------------------|---------------------------------|--------------------------|---------------------------|--------------------------------|--------------------------------|-------------------------|--------------------|---------------|------------------------|----------------------|
| 10/2                      | 17             | 10.6                     | 1.77                      | 12.37                           | 6                        | 1                         | 1.5                            | 1.5                            | 1.5                     | 4.5                | 42.8          | 3.1444                 | 5.51                 |
| 16/3                      | 17             | 16.13                    | 2.69                      | 18.82                           | 6                        | 1                         | 1.85                           | 1.85                           | 1.85                    | 5.55               | 65.1          | 2.0671                 | 8.39                 |
| 25/4                      | 17             | 25.36                    | 4.23                      | 29.59                           | 6                        | 1                         | 2.32                           | 2.32                           | 2.32                    | 6.96               | 102.40        | 1.3144                 | 13.06                |
| 35/6                      | 17             | 34.86                    | 5.81                      | 40.67                           | 6                        | 1                         | 2.72                           | 2.72                           | 2.72                    | 8.16               | 140.8         | 0.9563                 | 17.96                |
| 50/8                      | 17             | 48.25                    | 8.04                      | 56.3                            | 6                        | 1                         | 3.2                            | 3.2                            | 3.2                     | 9.6                | 194.8         | 0.6909                 | 24.53                |
| 50/30                     | 58             | 50.73                    | 29.59                     | 80.32                           | 12                       | 7                         | 2.32                           | 2.32                           | 6.96                    | 11.6               | 371.1         | 0.6614                 | 50.22                |
| 70/10                     | 17             | 68.05                    | 11.34                     | 79.39                           | 6                        | 1                         | 3.8                            | 3.8                            | 3.8                     | 11.4               | 274.8         | 0.4899                 | 33.91                |
| 70/40                     | 58             | 69.73                    | 40.67                     | 110.4                           | 12                       | 7                         | 2.72                           | 2.72                           | 8.16                    | 13.6               | 510.2         | 0.4812                 | 69.03                |
| 95/15                     | 16             | 94.39                    | 15.33                     | 109.73                          | 26                       | 7                         | 2.15                           | 1.67                           | 5.01                    | 13.6               | 380.2         | 0.3554                 | 48.62                |
| 95/55                     | 58             | 96.51                    | 56.3                      | 152.81                          | 12                       | 7                         | 3.2                            | 3.2                            | 9.6                     | 16                 | 706.1         | 0.3477                 | 93.29                |
| 120/7                     | 6              | 118.89                   | 6.61                      | 125.5                           | 18                       | 1                         | 2.9                            | 2.9                            | 8.7                     | 14.5               | 378.5         | 0.2815                 | 46.17                |
| 120/20                    | 16             | 115.67                   | 18.82                     | 134.49                          | 26                       | 7                         | 2.38                           | 1.85                           | 5.55                    | 15.1               | 466.1         | 0.29                   | 59.61                |
| 120/70                    | 58             | 122.15                   | 71.25                     | 193.4                           | 12                       | 7                         | 3.6                            | 3.6                            | 10.8                    | 18                 | 893.7         | 0.2747                 | 116.85               |
| 150/8                     | 6              | 144.76                   | 8.04                      | 152.81                          | 18                       | 1                         | 3.2                            | 3.2                            | 3.2                     | 16                 | 460.9         | 0.2312                 | 55.9                 |
| 150/25                    | 16             | 148.86                   | 24.25                     | 173.11                          | 26                       | 7                         | 2.7                            | 2.1                            | 6.3                     | 17.1               | 600.1         | 0.2254                 | 76.75                |
| 185/10                    | 6              | 183.22                   | 10.18                     | 193.4                           | 18                       | 1                         | 3.6                            | 3.6                            | 3.6                     | 18                 | 583.3         | 0.1826                 | 68.91                |
| 210/10                    | 6              | 204.14                   | 11.34                     | 215.48                          | 18                       | 1                         | 3.8                            | 3.8                            | 3.8                     | 19                 | 649.9         | 0.1639                 | 76.78                |
| 210/35                    | 16             | 211.73                   | 34.36                     | 246.09                          | 26                       | 7                         | 3.22                           | 2.5                            | 7.5                     | 20.4               | 852.5         | 0.1585                 | 107.98               |
| 240/30                    | 13             | 244.29                   | 31.67                     | 275.96                          | 24                       | 7                         | 3.6                            | 2.4                            | 7.2                     | 21.6               | 920.7         | 0.1372                 | 113.05               |
| 240/40                    | 16             | 238.84                   | 38.9                      | 277.74                          | 26                       | 7                         | 3.42                           | 2.66                           | 7.98                    | 21.7               | 962.8         | 0.1405                 | 121.97               |
| 300/20                    | 7              | 303.42                   | 20.91                     | 324.32                          | 45                       | 7                         | 2.93                           | 1.95                           | 5.85                    | 23.4               | 1000.8        | 0.1106                 | 123.07               |
| 300/50                    | 16             | 299.54                   | 48.82                     | 348.37                          | 26                       | 7                         | 3.83                           | 2.98                           | 8.94                    | 24.3               | 1207.7        | 0.112                  | 150.01               |
| 300/70                    | 23             | 305.36                   | 71.25                     | 376.61                          | 30                       | 7                         | 3.6                            | 3.6                            | 10.8                    | 25.2               | 1399.6        | 0.1099                 | 174.57               |
| 400/25                    | 7              | 391.91                   | 27.1                      | 419.01                          | 45                       | 7                         | 3.33                           | 2.22                           | 6.66                    | 26.6               | 1293.5        | 0.0857                 | 159.07               |
| 400/50                    | 13             | 399.72                   | 51.82                     | 451.54                          | 54                       | 7                         | 3.07                           | 3.07                           | 9.21                    | 27.6               | 1509.3        | 0.0841                 | 186.91               |
| 400/95                    | 23             | 407.75                   | 93.27                     | 501.02                          | 30                       | 19                        | 4.16                           | 2.5                            | 12.5                    | 29.1               | 1856.7        | 0.0823                 | 234.77               |
| 500/35                    | 7              | 497.01                   | 34.36                     | 531.37                          | 45                       | 7                         | 3.75                           | 2.5                            | 7.5                     | 30                 | 1640.3        | 0.0675                 | 195.73               |
| 500/65                    | 13             | 501.88                   | 65.06                     | 566.94                          | 54                       | 7                         | 3.44                           | 3.44                           | 10.3                    | 31                 | 1895          | 0.067                  | 234.68               |
| 630/45                    | 7              | 623.45                   | 43.1                      | 666.55                          | 45                       | 7                         | 4.2                            | 2.8                            | 8.4                     | 33.6               | 2057.6        | 0.0538                 | 245.52               |
| 630/80                    | 13             | 635.19                   | 80.32                     | 715.51                          | 54                       | 19                        | 3.87                           | 2.32                           | 11.6                    | 34.8               | 2384.7        | 0.0529                 | 291.65               |
| 800/55                    | 7              | 814.3                    | 56.3                      | 870.6                           | 45                       | 7                         | 4.8                            | 3.2                            | 9.6                     | 38.4               | 2687.5        | 0.0412                 | 318.43               |
| 800/100                   | 13             | 795.17                   | 100.88                    | 896.05                          | 54                       | 19                        | 4.33                           | 2.6                            | 13                      | 39                 | 2987.8        | 0.0423                 | 365.48               |
| 1000/45                   | 4              | 1002.27                  | 43.1                      | 1045.38                         | 72                       | 7                         | 4.21                           | 2.8                            | 8.4                     | 42.1               | 3106.8        | 0.0335                 | 364.85               |
| 1000/125                  | 13             | 993.51                   | 125.5                     | 1119.01                         | 54                       | 19                        | 4.84                           | 2.9                            | 14.5                    | 43.5               | 3728.9        | 0.0338                 | 456.03               |