



Construction : 6 x 37

| Rope Diameter | Minimum Breaking Load (Metric Tons) |                                     |                                     |                                     |                                     |                                     | Approx. Weight (Kg/100m) |       |
|---------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|-------|
|               | FC                                  |                                     |                                     | IWRC                                |                                     |                                     |                          |       |
| mm            | Grade A<br>(1620N/mm <sup>2</sup> ) | Grade B<br>(1770N/mm <sup>2</sup> ) | Grade C<br>(1910N/mm <sup>2</sup> ) | Grade A<br>(1620N/mm <sup>2</sup> ) | Grade B<br>(1770N/mm <sup>2</sup> ) | Grade C<br>(1910N/mm <sup>2</sup> ) | FC                       | IWRC  |
| 8             | 3.47                                | 3.70                                | 4.01                                | 3.71                                | 4.05                                | 4.39                                | 24.41                    | 26.79 |
| 9             | 4.39                                | 4.68                                | 5.07                                | 4.69                                | 5.12                                | 5.55                                | 29.10                    | 32.30 |
| 10            | 5.42                                | 5.78                                | 6.26                                | 5.79                                | 6.32                                | 6.85                                | 35.90                    | 39.80 |
| 11.2          | 6.80                                | 7.25                                | 7.86                                | 7.27                                | 7.93                                | 8.59                                | 48.39                    | 52.94 |
| 12            | 7.81                                | 8.33                                | 9.02                                | 8.34                                | 9.10                                | 9.86                                | 51.70                    | 57.40 |
| 12.5          | 8.46                                | 9.02                                | 9.79                                | 9.05                                | 9.87                                | 10.7                                | 62.50                    | 68.46 |
| 14            | 10.6                                | 11.3                                | 12.3                                | 11.4                                | 12.4                                | 13.4                                | 78.87                    | 87.80 |
| 16            | 13.9                                | 14.8                                | 16.0                                | 14.8                                | 16.2                                | 17.5                                | 98.22                    | 107.2 |
| 18            | 17.6                                | 18.7                                | 20.3                                | 18.8                                | 20.5                                | 22.2                                | 116.0                    | 129.0 |
| 20            | 21.7                                | 23.1                                | 25.1                                | 23.2                                | 25.3                                | 27.4                                | 144.0                    | 160.0 |
| 22.4          | 27.2                                | 29.0                                | 31.4                                | 29.1                                | 31.7                                | 34.4                                | 192.0                    | 211.3 |
| 24            | 31.2                                | 33.3                                | 36.1                                | 33.4                                | 36.4                                | 39.4                                | 207.0                    | 230.0 |
| 25            | 33.9                                | 36.1                                | 39.2                                | 36.2                                | 39.5                                | 42.8                                | 250.0                    | 275.3 |
| 28            | 42.5                                | 45.3                                | 49.1                                | 45.4                                | 49.5                                | 53.7                                | 317.0                    | 348.2 |
| 30            | 48.8                                | 52.0                                | 56.4                                | 52.1                                | 56.9                                | 61.6                                | 323.0                    | 359.0 |
| 31.5          | 53.7                                | 57.3                                | 62.2                                | 57.5                                | 62.7                                | 67.9                                | 357.0                    | 396.0 |
| 33.5          | 60.8                                | 64.9                                | 70.3                                | 65.0                                | 71.0                                | 76.8                                | 403.0                    | 447.0 |
| 35.5          | 68.2                                | 72.8                                | 78.9                                | 73.0                                | 79.6                                | 86.3                                | 481.0                    | 530.5 |
| 37.5          | 76.2                                | 81.2                                | 88.0                                | 81.5                                | 88.9                                | 96.3                                | 544.1                    | 599.3 |
| 40            | 86.8                                | 92.5                                | 100                                 | 92.7                                | 101                                 | 110                                 | 575.0                    | 638.0 |
| 42.5          | 97.8                                | 104                                 | 113                                 | 104                                 | 114                                 | 124                                 | 676.6                    | 743.6 |
| 45            | 110                                 | 117                                 | 127                                 | 118                                 | 128                                 | 139                                 | 785.5                    | 864.8 |
| 47.5          | 122                                 | 131                                 | 142                                 | 130                                 | 143                                 | 155                                 | 811.0                    | 900.0 |
| 50            | 136                                 | 145                                 | 157                                 | 145                                 | 158                                 | 171                                 | 1,000                    | 1,100 |
| 53            | 152                                 | 162                                 | 176                                 | 163                                 | 178                                 | 192                                 | 1,106                    | 1,236 |
| 56            | 170                                 | 181                                 | 196                                 | 182                                 | 198                                 | 215                                 | 1,140                    | 1,270 |
| 60            | 195                                 | 208                                 | 226                                 | 209                                 | 228                                 | 246                                 | 1,290                    | 1,430 |
| 63            | 215                                 | 230                                 | 249                                 | 230                                 | 251                                 | 272                                 | 1,430                    | 1,590 |
| 74            | 297                                 | 317                                 | 343                                 | 317                                 | 346                                 | 375                                 | 1,968                    | 2,172 |
| 76.2          | 315                                 | 336                                 | 364                                 | 336                                 | 367                                 | 398                                 | 2,247                    | 2,470 |