



## Wire rope Dyform 6-PI

### Product information



Superior bending fatigue life when compared with conventional six strand crane ropes.  
Excellent resistance to crushing and abrasion particularly on multi layer coiling resulting from the Dyform strands.  
Reduced elongation results from increased steel content and the Dyform process.  
Plastic impregnation to further extend fatigue life, improve structural stability and resistance to corrosion.

**ISO 4309 Rope Category No:** 8-15mm **RCN.06**, 16-46mm **RCN.09**, 48-50mm **RCN.11**

**Features:** Strong High Performance 6 Strand Crane Rope

**Material:** High Carbon Steel

**Marking:** According to standard, On Termination ID and CE mark

**Finish:** Galvanised or Ungalvanised

**Standard:** EN 12385-4

**Fill factor:** 0.64

| Part Code     | Rope diameter<br>mm | Min. breaking force<br>kN<br>1960 N/mm <sup>2</sup> | Min. breaking force<br>kN<br>2160 N/mm <sup>2</sup> | Minimum breaking force Rope grade 2160<br>ton | Minimum breaking force Rope grade 1960<br>ton | Weight<br>kg/100m |
|---------------|---------------------|---|---|---|---|-------------------|
| 01.B13DY6100G | 10                  | 82.8  | 89.8  | 9.16  | 8.44  | 46.9              |
| 01.B13DY6110G | 11                  | 100   | 109   | 11.1  | 10.2  | 57.5              |
| 01.B13DY6120G | 12                  | 119   | 129   | 13.2  | 12.1  | 64.9              |
| 01.G23DY6130G | 13                  | 140   | 152   | 15.5  | 14.3  | 80.3              |
| 01.G13DY6140G | 14                  | 162   | 176   | 18  | 16.5  | 94                |

|               |    |      |      |      |      |     |
|---------------|----|------|------|------|------|-----|
| 01.B13DY6150G | 15 | 186  | 202  | 20.6 | 19   | 106 |
| 01.B13DY6160G | 16 | 212  | 230  | 23.4 | 21.6 | 117 |
| 01.B23DY6170G | 17 | 239  | 260  | 26.5 | 24.4 | 139 |
| 01.G13DY6180G | 18 | 268  | 291  | 29.7 | 27.3 | 153 |
| 01.B13DY6190G | 19 | 299  | 324  | 33.1 | 30.5 | 166 |
| 01.B13DY6200G | 20 | 331  | 359  | 36.6 | 33.7 | 182 |
| 01.G23DY6220G | 22 | 401  | 435  | 44.3 | 40.8 | 217 |
| 01.G13DY6240G | 24 | 477  | 518  | 52.8 | 48.6 | 266 |
| 01.B13DY6250G | 25 | 512  | 546  | 55.7 | 52.2 | 280 |
| 01.B13DY6260G | 26 | 559  | 607  | 61.9 | 57   | 313 |
| 01.G23DY6280G | 28 | 649  | 704  | 71.8 | 66.1 | 359 |
| 01.B13DY6300G | 30 | 745  | 809  | 82.4 | 75.9 | 414 |
| 01.B13DY6320G | 32 | 847  | 920  | 93.8 | 86.4 | 469 |
| 01.B23DY6340G | 34 | 957  | 1039 | 106  | 97.5 | 509 |
| 01.G13DY6360G | 36 | 1073 | 1164 | 119  | 109  | 592 |
| 01.B13DY6380G | 38 | 1195 | 1297 | 132  | 122  | 643 |
| 01.B13DY6400G | 40 | 1324 | 1438 | 147  | 135  | 715 |
| 01.B13DY6420G | 42 | 1460 | -    | -    | 149  | 791 |