



| ANSI / DIN<br>ref. | Pitch  | Roller<br>diameter | Width<br>between<br>inner plates | Pin<br>diameter | Pin length |           | Inner<br>plate<br>depth | Plate<br>thickness | Ultimate<br>tensile<br>strength | Weight<br>per meter |           |
|--------------------|--------|--------------------|----------------------------------|-----------------|------------|-----------|-------------------------|--------------------|---------------------------------|---------------------|-----------|
|                    |        |                    |                                  |                 | L<br>max   | Lc<br>max |                         |                    |                                 |                     |           |
|                    |        |                    |                                  |                 |            |           |                         |                    |                                 |                     | chain no. |
| mm                 | mm     | mm                 | mm                               | mm              | mm         | mm        | mm                      | mm                 | mm                              | kN/LB               | kg/m      |
| *25NP              | 6,35   | 3,30               | 3,18                             | 2,31            | 7,90       | 8,40      | 6,00                    | 0,80               | 3,50/795                        | 0,15                |           |
| *35NP              | 9,525  | 5,08               | 4,77                             | 3,58            | 12,40      | 13,17     | 9,00                    | 1,30               | 7,90/1795                       | 0,33                |           |
| 41NP               | 12,70  | 7,77               | 6,25                             | 3,58            | 13,75      | 15,00     | 9,91                    | 1,30               | 6,67/1516                       | 0,41                |           |
| 40NP               | 12,70  | 7,95               | 7,85                             | 3,96            | 16,60      | 17,80     | 12,00                   | 1,50               | 14,10/3205                      | 0,62                |           |
| 50NP               | 15,875 | 10,16              | 9,40                             | 5,08            | 20,70      | 22,20     | 15,09                   | 2,03               | 22,20/5045                      | 1,02                |           |
| 60NP               | 19,05  | 11,91              | 12,57                            | 5,94            | 25,90      | 27,70     | 18,00                   | 2,42               | 31,80/7227                      | 1,50                |           |
| 80NP               | 25,40  | 15,88              | 15,75                            | 7,92            | 32,70      | 35,00     | 24,00                   | 3,25               | 56,70/12886                     | 2,60                |           |
| 100NP              | 31,75  | 19,05              | 18,90                            | 9,53            | 40,40      | 44,70     | 30,00                   | 4,00               | 88,50/20114                     | 3,91                |           |
| 120NP              | 38,10  | 22,23              | 25,22                            | 11,10           | 50,30      | 54,30     | 35,70                   | 4,80               | 127,00/28864                    | 5,62                |           |
| 140NP              | 44,45  | 25,40              | 25,22                            | 12,70           | 54,40      | 59,00     | 41,00                   | 5,60               | 172,40/39182                    | 7,50                |           |
| 160NP              | 50,80  | 28,58              | 31,55                            | 14,27           | 64,80      | 69,60     | 47,80                   | 6,40               | 226,80/51545                    | 10,10               |           |
| 04BNP              | 6,00   | 4,00               | 2,80                             | 1,85            | 6,80       | 7,80      | 5,00                    | 0,60               | 3,00/682                        | 0,11                |           |
| 05BNP              | 8,00   | 5,00               | 3,00                             | 2,31            | 8,20       | 8,90      | 7,10                    | 0,80               | 5,00/1136                       | 0,20                |           |
| *06BNP             | 9,525  | 6,35               | 5,72                             | 3,28            | 13,15      | 14,10     | 8,20                    | 1,30               | 9,00/2045                       | 0,41                |           |
| 08BNP              | 12,70  | 8,51               | 7,75                             | 4,45            | 16,70      | 18,20     | 11,80                   | 1,60               | 18,00/4091                      | 0,69                |           |
| 10BNP              | 15,875 | 10,16              | 9,65                             | 5,08            | 19,50      | 20,90     | 14,70                   | 1,70               | 22,40/5091                      | 0,93                |           |
| 12BNP              | 19,05  | 12,07              | 11,68                            | 5,72            | 22,50      | 24,20     | 16,00                   | 1,85               | 29,00/6591                      | 1,15                |           |
| 16BNP              | 25,40  | 15,88              | 17,02                            | 8,28            | 36,10      | 37,40     | 21,00                   | 4,15/3,1           | 60,00/13636                     | 2,71                |           |
| 20BNP              | 31,75  | 19,05              | 19,56                            | 10,19           | 41,30      | 45,00     | 26,40                   | 4,5/3,5            | 95,00/21591                     | 3,70                |           |
| 24BNP              | 38,10  | 25,40              | 25,40                            | 14,63           | 53,40      | 57,80     | 33,20                   | 6,0/4,8            | 160,00/36364                    | 7,10                |           |
| 28BNP              | 44,45  | 27,94              | 30,99                            | 15,90           | 65,10      | 69,50     | 36,70                   | 7,5/6,0            | 200,00/45455                    | 8,50                |           |
| 32BNP              | 50,80  | 29,21              | 30,99                            | 17,81           | 66,00      | 71,00     | 42,00                   | 7,0/6,0            | 250,00/56818                    | 10,25               |           |

\* Straight side plates.