



## Lifting chain grade 120

### Product information

Specially rugged profile chain in grade 12 for lifting.

**Material:** Alloy steel

**Marking:** Every link is marked with manufacturer ID and grade

**Temperature range:** -40°C up to 200°C

**Finish:** Painted

**Warning:** Not to be heat-treated

**Grade:** 12

| Part Code       | Chain diameter mm | WLL  | Min. Breaking force kN. | Chain inch | D mm | P mm | Li min. | Le max. | Weight |
|-----------------|-------------------|------|-------------------------|------------|------|------|---------|---------|--------|
| 204100700000010 | 7                 | 2.36 | 92.6                    | 9/32       | 7    | 21   | 9.8     | 26      | 1.33   |
| 204100800000010 | 8                 | 3    | 118                     | 6/16       | 8    | 24   | 11      | 30.5    | 1.69   |
| 204101000000010 | 10                | 5    | 196                     | 3/8        | 10   | 30   | 14.3    | 38      | 2.66   |
| 204101300000010 | 13                | 8    | 319                     | 1/2        | 13   | 39   | 18      | 48.5    | 4.43   |
| 204101600000010 | 16                | 12.2 | 479                     | 5/8        | 16   | 48   | 21.5    | 59      | 6.73   |

## Technical data

| Safety factor        | 1-leg chains       |      | 2-leg chains |         |           | 3- and 4-leg chains |           |         |         |
|----------------------|--------------------|------|--------------|---------|-----------|---------------------|-----------|---------|---------|
| 4                    |                    |      |              |         |           |                     |           |         |         |
| angle of inclination | -                  | -    | up to 45°    | 45°-60° | up to 45° | 45°-60°             | up to 45° | 45°-60° | 45°-60° |
| load factor          | 1                  | 0.8  | 1.4          | 1       | 1.12      | 0.8                 | 2.1       | 1.5     |         |
| ∅                    | load capacity [kg] |      |              |         |           |                     |           |         |         |
| 7                    | 2,36               | 1,9  | 3,35         | 2,36    | 2,65      | 1,9                 | 5,0       | 3,55    |         |
| 8                    | 3,0                | 2,36 | 4,25         | 3,0     | 3,35      | 2,36                | 6,3       | 4,5     |         |
| 10                   | 5,0                | 4,0  | 7,1          | 5,0     | 5,6       | 4,0                 | 10,6      | 7,5     |         |
| 13                   | 8,0                | 6,3  | 11,2         | 8,0     | 9,0       | 6,3                 | 17,0      | 11,8    |         |
| 16                   | 12,2               | 9,7  | 17,0         | 12,2    | 13,6      | 9,7                 | 25,6      | 18,3    |         |

# Blueprint

