
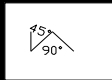
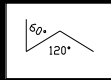
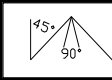
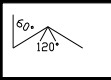


13. Load Diagram

Load diagram – Chain - Safety factor 4:1

| Load diagram Safety factor 4:1 | | 1-leg Chain | 2-leg Chain | 2-leg Chain | 3- and 4-leg Chain | 3- and 4-leg Chain |
|---|-------------------|---|---|---|--|---|
| | |  |  |  |  |  |
| | Loadfactor | 1,0 | 1,4 | 1,0 | 2,1 | 1,5 |
| Type | Chain mm. | | | | | |
| Grade 80 | 6 | 1000 | 1400 | 1000 | 2100 | 1500 |
| Grade 100 | 6 | 1400 | 2000 | 1400 | 3000 | 2120 |
| Grade 80 | 7 | 1500 | 2100 | 1500 | 3150 | 2250 |
| Grade 100 | 7 | 1900 | 2650 | 1900 | 4000 | 2800 |
| Grade 80 | 8 | 2000 | 2800 | 2000 | 4250 | 3000 |
| Grade 100 | 8 | 2500 | 3550 | 2500 | 5300 | 3750 |
| Grade 80 | 10 | 3200 | 4500 | 3200 | 6700 | 4750 |
| Grade 100 | 10 | 4000 | 5600 | 4000 | 8000 | 6000 |
| Grade 80 | 13 | 5000 | 7100 | 5000 | 10000 | 7500 |
| Grade 100 | 13 | 6700 | 9500 | 6700 | 14000 | 10000 |
| Grade 80 | 16 | 8000 | 11200 | 8000 | 17000 | 11800 |
| Grade 100 | 16 | 10000 | 14000 | 10000 | 21200 | 15000 |
| Grade 80 | 18 | 10000 | 14000 | 10000 | 21200 | 15000 |
| Grade 80 | 20 | 12500 | 18000 | 12500 | 26500 | 18000 |
| Grade 80 | 22 | 15000 | 21200 | 15000 | 32000 | 22400 |
| Grade 100 | 22 | 19000 | 26500 | 19000 | 40000 | 28000 |
| Grade 80 | 26 | 20000 | 28000 | 20000 | 40000 | 30000 |
| Grade 80 | 32 | 32000 | 45000 | 32000 | 63000 | 47500 |
| Grade 80 | 23 | 16000 | 22400 | 16000 | 33500 | 23600 |
| Grade 80 | 28 | 25000 | 35500 | 25000 | 50000 | 37500 |
| Grade 80 | 36 | 40000 | 56000 | 40000 | 80000 | 60000 |
| Grade 80 | 40 | 50000 | 71000 | 50000 | 100000 | 75000 |
| Grade 80 | 45 | 63000 | 90000 | 63000 | 125000 | 95000 |
| Grade 80 | 50 | 80000 | 112000 | 80000 | 160000 | 120000 |
| Grade 80 | 56 | 100000 | 140000 | 100000 | 200000 | 150000 |

Working Environment Authority provides *) that by asymmetric loads must following be observed: 2-leg chain is calculated as similar 1-leg chain, 3- and 4-leg is calculated as similar 2-leg. By symmetrical lift with 3- and 4-leg can load weight divided by 1 / 3 per. leg.

*) It is in this context, WEA's view that the load is asymmetric unless it can be documented that it is even / symmetrical divided.

Working angles above 60 ° is NOT allowed - Danløft steel chains have a full load capacity between - 40C grades and + 200C grades

13. Load Diagram

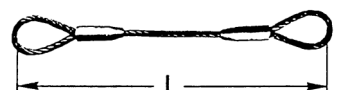
Load diagram – Wire Rope Sling - Safety factor 5:1

| Wire dim. mm. | 1-leg Sling | Sanset | 2-leg sling 90° | 2-leg Sling 120° | 3 – 4-leg Sling 90° | 3 – 4-leg Sling 120° | Standard With eye mm. |
|------------------|-------------|--------|--------------------|---------------------|------------------------|-------------------------|-----------------------------|
| 8 | 910 | 581 | 1274 | 910 | 1911 | 1365 | 150 |
| 10 | 1420 | 941 | 1988 | 1420 | 2982 | 2130 | 150 |
| 12 | 2060 | 1329 | 2884 | 2060 | 4326 | 3090 | 200 |
| 14 | 2800 | 1772 | 3920 | 2800 | 5880 | 4200 | 250 |
| 16 | 3660 | 2325 | 5124 | 3660 | 7686 | 5490 | 250 |
| 18 | 4600 | 2934 | 6440 | 4600 | 9660 | 6900 | 300 |
| 20 | 5680 | 3710 | 7952 | 5680 | 11928 | 8520 | 300 |
| 22 | 6900 | 4429 | 9660 | 6900 | 14490 | 10350 | 350 |
| 24 | 8200 | 5260 | 11480 | 8200 | 17220 | 12300 | 350 |
| 26 | 9620 | 6201 | 13468 | 9620 | 20202 | 14430 | 350 |
| 28 | 11160 | 7198 | 15624 | 11160 | 23436 | 16740 | 350 |
| 30 | 11793 | 8305 | 16666 | 11849 | 24915 | 17718 | 500 |
| 32 | 14580 | 9468 | 20412 | 14580 | 30618 | 21870 | 500 |
| 35 | 16057 | 10631 | 22701 | 15171 | 31892 | 22756 | 500 |
| 36 | 18440 | 11959 | 25816 | 18440 | 38724 | 27660 | 500 |
| 38 | 18936 | 13233 | 26742 | 18936 | 39754 | 28403 | 500 |
| 40 | 22800 | 14728 | 31920 | 31920 | 47880 | 34200 | 500 |
| 42 | 23254 | 16278 | 32556 | 23254 | 48834 | 34881 | 500 |

WLL is calculated with 6x36 IWRC 1960N/mm²






Wire rope sling mounted with alu Clamp. Can also be delivered hand spliced.

By order select length = L
All special tasks performed by task.



13.Load Diagram

Load diagram – Round Sling - Safety factor 7:1

| Colour | Straight lift | Laced | U-lift | 90° angle | 120° angle |
|--------|---|---|---|--|---|
| |  |  |  |  |  |
| Violet | 1000 | 800 | 2000 | 1400 | 1000 |
| Grøn | 2000 | 1600 | 4000 | 2800 | 2000 |
| Gul | 3000 | 2400 | 6000 | 4200 | 3000 |
| Rød | 5000 | 4000 | 10000 | 7000 | 5000 |
| Blå | 8000 | 6400 | 16000 | 11200 | 8000 |
| Orange | 10000 | 8000 | 20000 | 14000 | 10000 |
| Orange | 12000 | 9600 | 24000 | 16800 | 12000 |
| Orange | 15000 | 12000 | 30000 | 21000 | 15000 |
| Orange | 20000 | 16000 | 40000 | 28000 | 20000 |
| Orange | 25000 | 20000 | 50000 | 35000 | 25000 |
| Orange | 30000 | 24000 | 60000 | 42000 | 30000 |
| Orange | 36000 | 28800 | 72000 | 50400 | 36000 |

By ordering select length and WLL

Manufactured and tested according to international standards





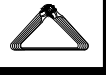
Asymmetric Loads:

By asymmetric loads please note of the 2-leg sling is calculated as 1-leg, 3- and 4-leg sling, calculated as 2-leg.

The WEA's view that a load would be asymmetric, unless it can be documented that it is even / symmetrical divided.

13. Load Diagram

Load Diagram – Webbing Sling - Safety factor 7:1

| Colour | Webbing width mm. | 1-Part  | Laced  | U-lift  | 90° angle  | 120° angle  |
|--------|-------------------|---|--|---|--|---|
| Violet | 50 | 1000 | 800 | 2000 | 1400 | 1000 |
| Green | 60 | 2000 | 1600 | 4000 | 2800 | 2000 |
| Yellow | 75 | 3000 | 2400 | 6000 | 4200 | 3000 |
| Grey | 100 | 4000 | 3200 | 8000 | 5600 | 4000 |
| Red | 125 | 5000 | 4000 | 10000 | 7000 | 5000 |
| Brown | 150 | 6000 | 4800 | 12000 | 8400 | 6000 |
| Blue | 200 | 8000 | 6400 | 16000 | 11200 | 8000 |
| Orange | 250 | 10000 | 8000 | 20000 | 14000 | 10000 |
| Orange | 300 | 12000 | 9600 | 24000 | 16800 | 12000 |

By ordering select length and WLL

Manufactured and tested according to international standards

Asymmetric Loads:

By asymmetrisk loads please note of the 2-leg sling is calculated as 1-leg, 3- and 4-leg sling, calculated as 2-leg.

The WEA's view that a load would be asymmetrisk, unless it can be documented that it is even / symmetrical divided.