

## FASTLIFT APPROXIMATE SAFE WORKING LOADS IN KG FOR ALLUMINIUM FERRULED STEEL WIRE ROPE SLINGS

| Rope diameter mm | Single Leg at 0° | Double Leg at 30° | Double Leg at 60° | Double Leg at 90° | Triple (45°) & Quadruple Leg at 90° |
|------------------|------------------|-------------------|-------------------|-------------------|-------------------------------------|
| 6                | 300              | 550               | 500               | 420               | 630                                 |
| 8                | 600              | 1150              | 1000              | 800               | 1260                                |
| 10               | 1000             | 1750              | 1550              | 1250              | 2100                                |
| 13               | 1500             | 2800              | 2500              | 2100              | 3150                                |
| 16               | 2000             | 3800              | 3400              | 2800              | 4200                                |
| 19               | 3000             | 5700              | 5100              | 4200              | 6300                                |
| 22               | 4000             | 7600              | 6800              | 5600              | 8400                                |
| 26               | 6000             | 11500             | 10300             | 8400              | 12600                               |
| 28               | 8000             | 15200             | 13600             | 11200             | 16800                               |
| 32               | 10000            | 19000             | 17000             | 14000             | 21000                               |
| 38               | 15000            | 28500             | 25500             | 21000             | 31500                               |
| 44               | 20000            | 38000             | 34000             | 28000             | 42000                               |
| 50               | 26000            | 49400             | 44200             | 36400             | 54600                               |
| 56               | 32000            | 60800             | 54400             | 44800             | 67200                               |

### STANDARD ROPES USED

Generally 6 x 36 (14/7/7/1) fibre core for ungalvanised slings and 6 x 36 (14/7/7/1) fibre core or 6 x 19 (12/6/1) fibre core for galvanised slings

### SAFETY FACTOR 6:1

### STANDARD SOFT EYE SIZES

- 100 mm for 6 and 8 mm diameter slings
- 150 mm for 10 mm diameter slings
- 200 mm for 13 mm diameter slings
- 250 mm for 16 mm diameter slings
- 350 mm for 19 and 22 mm diameter slings
- 400 mm for 26 mm diameter slings
- 450 mm for 28 mm diameter slings
- 600 mm for 32 mm diameter slings
- 750 mm for 38 mm diameter slings
- 900 mm for 44 mm diameter slings
- 1000 mm for 50 mm diameter slings
- 1200 mm for 56 mm diameter slings