



## Pump Chain CPK

### Grade 60 Pump Lifting Chain, welded, tested, shot blasted finish

Cromox Grade 6 Stainless Steel Pump Lifting Chain fitted with oval master links at each end and at approx. 1m centres. Bespoke assemblies can be manufactured to meet customers' requirements i.e. Masterlinks at different centres or multi leg options. Supplied with a shot blasted finish. Electropolishing is an additional option.

#### Production and Quality

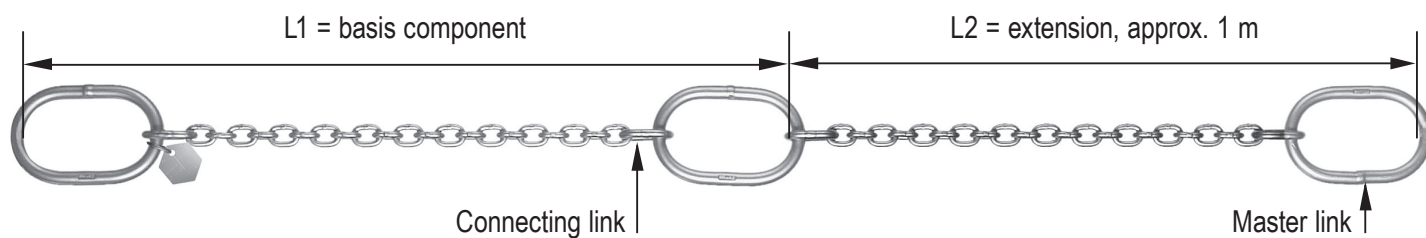
- Manufactured from corrosion resistant Stainless Steel to EN 10088 / EN 10027-2 / 1.4404 or 1.4462 [AISI 316LN - Duplex].
- Assembled, Welded and Tested at Ketten Walder, Germany
- Cromox grade 6 pump chains will support written schemes of extended examination periods in accordance with LEEA 069-1 Guidance document.
- Manufactured in accordance with LEEA 069-2 Specification for stainless steel submersible pump lifting chains.
- Full traceability for all components used in manufacturing process.
- Chains are based on DIN 5687 and EN818-1
- Chain links are embossed with manufacturer's mark and batch number every 20 links or 1m whichever is the lesser
- Components are based on EN 1677
- Every Master Link embossed with cromox and our traceability Batch Number
- All assemblies are Proof Load Tested to 2.5 x W.L.L.
- Factor of Safety: 4:1

- Full certification supplied with every sling in accordance with Machinery Directive 2006 / 42 / EC
- 6-sided identification tag fixed to every sling; each tag has the following information: -
  - o Identification of the manufacturer
  - o Grade and material
  - o Chain size and number of sling-legs.
  - o I.D. Number or asset code
  - o Year of manufacture
  - o CE marked.

#### Mechanical properties

- Breaking stress 630 N/mm<sup>2</sup>
- Breaking elongation 25%
- Stress at MTF (Manufacturing Test Force) 400N/mm<sup>2</sup>
- Stress at WLL (Working Load Limit) 160 N/mm<sup>2</sup>
- Minimum Factor of Safety 4:1

# Grade 60 Pump Lifting Chain, welded, tested, shot blasted finish



Ordering information: Many sizes also available in Duplex.

Type	WLL (t)	Master link (mm)	Chain (mm)	Joining link.	Euro/pc. (L1)	Euro/add. meter extension (L2 = approx. 1 m)
CPK 3	0.20	5 x 42 x 22	3 x 14	-	30.70	15.80
CPK 4	0.40	8 x 54 x 30	4 x 16	5 x 22 x 9	40.30	27.20
CPK 5	0.63	10 x 80 x 50	5 x 15	6 x 26 x 13	50.00	35.00
CPK 6	0.90	13 x 110 x 60	6 x 18	8 x 35 x 19	64.20	45.80
CPK 7	1.25	13 x 110 x 60	7 x 21	8 x 35 x 19	70.20	50.80
CPK 8	1.55	13 x 110 x 60	8 x 24	10 x 44 x 25	78.70	60.40
CPK 9	2.00	16 x 110 x 60	9 x 27	13 x 54 x 25	95.70	74.30
CPK 10	2.45	16 x 110 x 60	10 x 30	13 x 54 x 25	114.00	92.70
CPK 13	3.85	22 x 160 x 90	13 x 39	16 x 70 x 34	185.00	147.10
CPK 16	6.00	22 x 160 x 90	16 x 48	18 x 85 x 40	258.00	217.00
CPK 18	8.00	26 x 180 x 100	18 x 54	22 x 115 x 50	372.00	337.00
CPK 22	11.00	36 x 260 x 140	22 x 66	26 x 140 x 65	935.00	759.00
CPK26	15.00	45 x 320 x 175	26 x 78	32 x 140 x 70	1.430.00	1.106.00

Custom fittings and bespoke versions on request

Standard length  $\approx$  1.000 mm, other lengths on request

L1 = approx. 1 m + one additional master link

\*L1 = approx. 2 m + one additional master link, L2 = approx. 2 m, AISI 318LN Duplex