



# HEKO central chains for bucket elevators Type HK

The high chain speed utilised in central chain bucket elevators generates high dynamic loads. HEKO therefore designs and manufactures the chain and accessories to the highest fatigue strength, breaking load and wear resistance, thus resulting in optimal service life.

HEKO's central bucket elevator chains type HK with separate bucket holders are fitted with forged holders which are bushed onto the extended pins. Both the pins and bores are induction hardened. Depending on chain size, a gap of up to 1.5 mm is left between the chain link and bucket holder. This considerably reduces the transmission of vibration to the chain, the latter resulting from the polygon effect when the chains enter the chain wheel. Decoupling the bucket from the chain prevents cracks arising in the back of the buckets and weld seams.



## Technical specifications

| Type   | pitch | dimensions (mm) |                    | breaking load (kN) |
|--------|-------|-----------------|--------------------|--------------------|
|        |       | inner width     | bush $\varnothing$ |                    |
| HK80-B | 180   | 75              | 50                 | 900                |
| HK800  | 180   | 85              | 53.7               | 1000               |
| HK1200 | 180   | 100             | 60                 | 1200               |
| HK1600 | 180   | 110             | 75                 | 1600               |
| HK2000 | 200   | 115             | 80                 | 2000               |

## Connecting dimensions

| Type   | dimensions (mm) |     |    |    |
|--------|-----------------|-----|----|----|
|        | A               | B   | E  | F  |
| HK80-B | 200             | 283 | 17 | 60 |
| HK800  | 200             | 283 | 17 | 70 |
| HK1200 | 200             | 315 | 17 | 70 |

