

# Electric chain hoists/trolleys single stage

## EKZT-1 SERIES – electric chain hoists with one lifting speed and up to 2 t max. load-carrying capacity

- ▶ Chain hoist suspended on load looks
- ▶ Overload protected by slip clutch
- ▶ Integrated operation limit switch
- ▶ Safe stowing of the chain through chain store supplied as standard
- ▶ Chain block controlled via control pendant
- ▶ Control pendant prepared for connecting to and controlling the matching UNICRAFT electric trolley (note recommendation)

- › Power plant group FEM/ISO 2m/M5 equivalent to 1 600 hours service life under full load
- › Load chain type G80 as per DIN EN-818-7
- › Siemens electrics
- › One lifting speed



| Model                           | EKZT 5-1           | EKZT 10-1          | EKZT 20-1          |
|---------------------------------|--------------------|--------------------|--------------------|
| Art. no.                        | 6194005            | 6194010            | 6194020            |
| <b>Technical specifications</b> |                    |                    |                    |
| Load-carrying capacity          | 0.5 t              | 1 t                | 2 t                |
| Stroke                          | 6 m                | 6 m                | 6 m                |
| Max. lifting speed              | 7.7 m/min          | 5.1 m/min          | 2.6 m/min          |
| Control pendant cable length    | 6 m                | 6 m                | 6 m                |
| Number of chain strands         | 1                  | 1                  | 2                  |
| Current draw P1                 | 1.2 kVA            | 1.4 kVA            | 1.4 kVA            |
| Output P2                       | 0.9 kVA            | 1.1 kVA            | 1.1 kVA            |
| Power connection                | 400 V / 50 Hz      | 400 V / 50 Hz      | 400 V / 50 Hz      |
| Dimensions (L x W x H)          | 636 x 276 x 410 mm | 636 x 275 x 460 mm | 636 x 276 x 650 mm |
| Weight                          | 49 kg              | 54.3 kg            | 68.5 kg            |
| Matching electric trolley       | <b>EFW 1-1</b>     | <b>EFW 1-1</b>     | <b>EFW 2-1</b>     |

## Accessories for electric chain hoists

### EFW-1 series – electric trolleys with two travel speeds and up to 2 t max. load-carrying capacity

- ▶ Power connection and control of the trolley via the control pendant on the matching electric chain hoist
- ▶ Suitable for use with carrier types:
  - IPE 160 - IPE 400 (DIN 1025-5),
  - IPBI 100 - IPBI 180 (DIN 1025-3),
  - IPB 100 - IPB 180 (DIN 1025-2),
  - IPBv 100 - IPBv 160 (DIN 1025-4),
  - I 160 – I 475 (DIN 1025-1)
- ▶ **EFW 1-1**
  - ▶ Suitable for electric hoists **EKZT 5-1** (Art. no.: 6194005) and **EKZT 10-1** (Art. no.: 6194010)
- ▶ **EFW 2-1**
  - ▶ Suitable for electric hoist **EKZT 20-1** (Art. no.: 6194020)



EFW 1-1

| Model    |  | EFW 1-1 | EFW 2-1 |
|----------|--|---------|---------|
| Art. no. |  | 6194310 | 6194320 |

| Technical specifications                         |   |       |                 |                 |
|--|---|-------|-----------------|-----------------|
| Load-carrying capacity                           |   | T     | 1               | 2               |
| Carrier flange width                             |   | mm    | 74-180          |                 |
| Wheel diameter                                   | G | mm    | 68              | 75              |
| Travel speed                                     |   | m/min | 13.5            |                 |
| Rating   |   | kW    | 0.4             | 0.6             |
| Power connection                                 |   | V/Hz  | 400 / 50        |                 |
| Degree of protection                             |   |       | IP 54           |                 |
| Width of holding eye                             | A | mm    | 24              | 30              |
| Thickness of mounting plate                      | B | mm    | 14 mm           |                 |
| Distance between holding eye and support surface | D | mm    | 145             | 140             |
| Motor throat                                     | m | mm    | 310             | 312             |
| Control cabinet extension                        | N | mm    | 135             |                 |
| Length x width x height                          |   | mm    | 715 x 340 x 260 | 722 x 340 x 280 |
| Weight   |   | kg    | 26              | 36              |

