

FEC CHAIN

CORPORATION

TEL:+81-53-425-4116, 2162

337 KANAORI-CHO, MINAMI-KU, HAMAMATSU CITY,

SHIZUOKA PREF., 435-0026 JAPAN

FAX:+81-53-425-5122

TEST CERTIFICATE

| | | | |
|---------------------------------------|---|--|---------------|
| Distributor: | code #: 1080 | distributor's name: ASAO & CO., LTD | |
| Customer: | | customer's name: LK HOIST CO., LTD | |
| Article name: (Application) | Load chain for electric chain hoist | | |
| Spec. standard | <input type="checkbox"/> DIN EN 818-7:2002, <input type="checkbox"/> JIS B 8812:1999 <input type="checkbox"/> ISO 3077, <input checked="" type="checkbox"/> FEC | | |
| Material spec.: | SAE15B24(Mn-B steel) | | |
| Finish: | <input checked="" type="checkbox"/> temper-colored, <input type="checkbox"/> zinc-plated, <input type="checkbox"/> coated() <input type="checkbox"/> zinc-phosphated, <input type="checkbox"/> manganese-phosphated <input checked="" type="checkbox"/> oiled, <input type="checkbox"/> no-oiled | | |
| Stamping: | <input type="checkbox"/> FEC standard, <input checked="" type="checkbox"/> customer's request LKA, JAPAN, FECO → (Lot: 6C,6F,6H,6J,6K,6L,6N,6S,6T,7C,7H,7J,7K,7L) | | |
| Product code#: | FCD07121 | | |
| description: | φ 7.1*P21 | | |
| quality type | G80/ type-DAT | | |
| | | | Result |
| Dimention: | | | |
| Nominal diameter(dn) | [mm] | 7.1 +0.0/-0.3 | 7.0~7.1 |
| Internal width, min.: | [mm] | 8.4 | 8.5~9.0 |
| external width, max.: | [mm] | 23.2 | 22.8~23.1 |
| Nominal pitch 1 t | [mm] | 21.0 +0.4/-0.0 | 21.1~21.3 |
| 5 t | [mm] | - | - |
| 11 t | [mm] | 231.0 +1.1/-0.0 | 231.1~232.1 |
| Diameter at the weld(ds), max.: | [mm] | 7.6 | 7.3~7.6 |
| Mechanical properties: | | | |
| Working load limit(WLL), max.: | [kg] | 1200 | - |
| (drive mechanism g | | - | - |
| Manufacturing proof force(MPF), min.: | [KN] | 40 | 40 |
| Stress at min. MPF | | - | - |
| Guaranteed breaking force(BF), min.: | [KN] | 63 | 76.7~87.4 |
| Stress at min. BF | | - | - |
| Total ultimate elongation(A), min.: | [%] | 10 | 12~14 |
| Surface hardness/HV3, min.: | [-] | 500 | 519~563 |
| /HV5, min.: | [-] | - | - |
| Hardness /HRC, min.: | [-] | - | - |
| Case depth, min.: | [mm] | 0.14 | 0.18~0.20 |
| Bend deflection(f), min.: | [mm] | no visible defect | OK |
| Fatigue resistance, min.: | [cycle] | 2*10 ⁶ | OK |
| Packing: | | | |
| Weight per meter: | [kg/m] | 1.08 | |
| Length 1 | [meter] | 200m-51/pcs | |
| 2 | [meter] | | |
| Packing | - | Steel barrel | |
| I hereby certify above all is true. | | <i>M. Miwa</i> MASAKI MIWA Quality Assurance Dept., Chief Inspector | |
| issued date: | August 24, 2020 | | |
| [Note] | | | |

20.8.2 2020 922