



|   |  |   |             |      |
|---|--|---|-------------|------|
| crane                                   | ELK 10 t x 19610 mm  |   |             |      |
| design basis                            | DIN 15018, H2/B3   |   |             |      |
| hoist + trolley                         | GM 3000.10000 L-162.41.6000.4.E 160.20                                 |   |             |      |
| FEM group                               | 2m / M5  |   |             |      |
| operation location                      | indoor operation   |   |             |      |
| ambient conditions                      | -5° C up to +40° C, without special requirements                       |   |             |      |
| crane travel                            | 10 / 40 m/min  |   |             |      |
| trolley travelling                      | 5 / 20 m/min   |   |             |      |
| hoisting                                | 0.7 / 4 m/min  |   |             |      |
| total weight                            | 5590 kg (thereof hoist + trolley 633 kg)                               |   |             |      |
| mains voltage; admissible voltage swing | 3/PE ~50 Hz 400 V (TN-S); -6.5% / +5%                                  |   |             |      |
| total power consumption                 | 9.5 kW (starting current * cos phi: 69.4 A)                            |   |             |      |
| load data                               | wheel loads (kN)   | crane axis 1 (min/max)                                      | 14.6 / 61.6 |      |
|   | (without vibration coefficient)  | crane axis 2 (min/max)                                      | 14.8 / 62.0 |      |
|   | lateral loads (kN)   | mass forces crane travel (min/max)                          | 2.0 / 8.3   |      |
|   | skewing force on guide side (coefficient of frictional contact <= 0,3) | front crane axis in driving direction                       | 3.4         | 14.1 |
|   |  | back crane axis in driving direction                        | 0.0         | 0.0  |
|   | horizontal loads from skewing (guide side/opposite side)               | mass forces crane travel (max.)                             | 2.8         |      |
|   |  | collision forces (max.) (motion limiter taken into account) | 19.2        |      |

<sup>1)</sup> maximum hook path of hoist 6 m, actual use according to conditions on site

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ABUS Crane Systems Ltd.  
Unit 1 Business Village, Blackbushe Business Villa  
0 Yateley, Hampshire GU46 6GA  
phone +44 1252 749000  
fax +44 1252 749001

crane ELK  
017800-0000000-20140904-01 / 2

**ABUS**

person in charge: Harrington, C.  
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www.abuscranes.co.uk

info@abuscranes.co.uk