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|---|--|---------------------------------------|------|------|
| crane | ZLK 10 t x 29100 mm | | | |
| design basis | DIN 15018, H2/B3 | | | |
| hoist + trolley | GM 3000.10000 H-202.41.10000.4.D 130.20 | | | |
| 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 | 0,8 / 5 m/min | | | |
| total weight | 16330 kg (thereof hoist + trolley 841 kg) | | | |
| mains voltage; admissible voltage swing | 3/PE ~50 Hz 380 V (TN-S); -3% / +5% | | | |
| total power consumption | 12,7 kW (starting current * cos phi: 95,4 A) | | | |
| load data | wheel loads (kN) | crane axis 1 (min/max) | 39,9 | 90,0 |
| | (without vibration coefficient) | crane axis 2 (min/max) | 39,1 | 89,5 |
| | lateral loads (kN) | mass forces crane travel (min/max) | 2,8 | 6,3 |
| | skewing force on guide side (coefficient of frictional contact <= 0,3) | front crane axis in driving direction | 8,5 | 19,4 |
| | | back crane axis in driving direction | | |
| | longitudinal loads (kN) | mass forces crane travel (max.) | | 3,7 |
| (per crane runway beam) | collision forces (max.) (motion limiter taken into account) | | 33,6 | |

¹⁾ maximum hook path of hoist 10 m, actual use according to conditions on site

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crane ZLK

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