



crane	ELK 8 t / 8 t x 22500 mm			
design basis	DIN 15018, H2/B3			
hoist + trolley 1	GM 3000.8000 L-163.41.6000.4.E 160.20			
hoist + trolley 2	GM 3000.8000 L-163.41.6000.4.E 160.20			
FEM group	1: 3m / M6	2: 3m / M6		
operation location	indoor operation			
ambient conditions	-5° C up to +40° C, without special requirements			
crane travel	10 / 40 m/min			
trolley travelling	1: 5 / 20 m/min	2: 5 / 20 m/min		
hoisting	1: 0.7 / 4 m/min	2: 0.7 / 4 m/min		
total weight	7750 kg (thereof hoist + trolley 1 / 2: 633 kg / 633 kg)			
mains voltage; admissible voltage swing	3/PE ~50 Hz 380 V (TN-S); -3% / +5%			
total power consumption	14.9 kW (starting current * cos phi: 135.4 A)			
load data	wheel loads (kN)	crane axis 1 (min/max)	17.7	59.4
	(without vibration coefficient)	crane axis 2 (min/max)	18.1	59.4
	lateral loads (kN)	mass forces crane travel (min/max)	1.9	6.4
	skewing force on guide side (coefficient of frictional contact <= 0.3)	front crane axis in driving direction	3.8	12.6
		back crane axis in driving direction	0.0	0.0
	longitudinal loads (kN)	mass forces crane travel (max.)	2.6	
	(per crane runway beam)	collision forces (max.) (motion limiter taken into account)	23.2	

¹⁾ maximum hook path of hoist 1: 6 m, 2: 6 m, actual use according to conditions on site

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crane ELK

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