



crane	ELK 7 t x 19500 mm			
design basis	DIN 15018, H2/B3			
hoist + trolley	GM 3000,8000 L-202,41,10000,4,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	0,8 / 5 m/min			
total weight	4870 kg (thereof hoist + trolley 699 kg)			
mains voltage; admissible voltage swing	3/PE ~50 Hz 380 V (TN-S); -3% / +5%			
total power consumption	9,5 kW (starting current * cos phi: 69,4 A)			
load data	wheel loads (kN)	crane axis 1 (min/max)	12,1	45,9
	(without vibration coefficient)	crane axis 2 (min/max)	12,3	46,3
	lateral loads (kN)	mass forces crane travel (min/max)	1,8	6,7
	skewing force on guide side (coefficient of frictional contact <= 0,3)		13,3	-
	horizontal loads from scewing	front crane axis in driving direction	2,8	10,5
	(guide side/opposite side)	back crane axis in driving direction	0,0	0,0
longitudinal loads (kN)	mass forces crane travel (max.)		2,4	
	(per crane runway beam)	collision forces (max.) (motion limiter taken into account)		19,0

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

© ABUS Kranssysteme GmbH sidekart0216\_20140227\_15243649 211806 - 004

<b>Strele Industrial UAB</b> Montuotoju 5 89101 Mažeikiai phone +370 443 68-197 fax +370 443 68-345	<b>crane ELK</b>  021600-0000000-20140227-01 / 1	person in charge: Šideika ,R. Date: 27/02/2014
---	--	---