

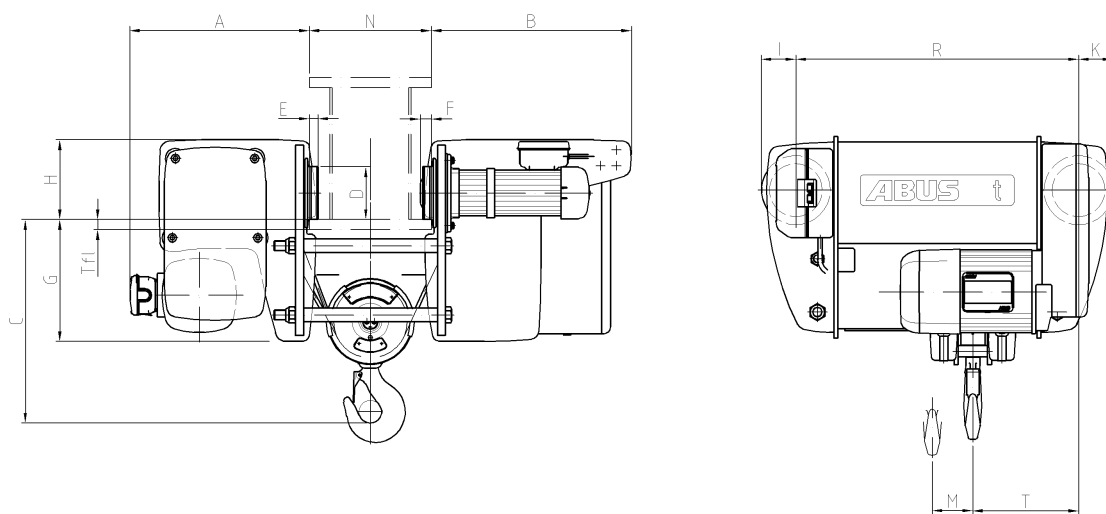
valid for 380 V - 415 V / 50 Hz

load capacity	3200 kg	travelling speed	5 / 20 m/min
FEM group	2m / M5	lifting speed	0.8 / 5 m/min
hook path	9000 mm	trolley span	300 mm

drives

	hoist motor	travel drive (2 drives)
performance	motor type H 0.45 / 3.2 kW	trolley E 100 0.03 / 0.12 kW
duty cycle	60 %	50 %
no. of switching operations	360 c/h	240 c/h
nominal speed	390 / 2780 1/min	640 / 2670 1/min
rated current	3.1 / 7.2 A	0.29 / 0.46 A
starting current	4.2 / 33 A	0.4 / 1.2 A
cos phi _N	0.64 / 0.86	0.67 / 0.85
cos phi _A	0.76 / 0.8	0.85 / 0.94

ED (c/h) values represent the sum of the values for precision and main lifting
These are divided up into 1/3 (2/3) operation with precision and 2/3 (1/3) operation with main speed



dimensions and weights

rope diameter	6.5 mm	A	391 mm	I	70 mm
cable length	41150 mm	B	474 mm	K	70 mm
drum diameter	176 mm	C	400 mm	M	114 mm
rope pulley diameter	162.5 mm	D	100 mm	N _{min}	98 mm
weight of bottom block	15.0 kg	E	20 mm	N _{max}	400 mm
load hook (E)	1.0 - V	F	25 mm	R	746 mm
radius of curves	≥ 6650 mm	G	280 mm	T	216 mm
weight	271 kg	H	176 mm	T _{fil}	30 mm
trolley span	300 mm				

Wheels suitable to be used on parallel flanges; wheels for inclined flanges upon request
When using a trolley travel limit switch dimension H will increase by 55 mm
Dimension C with bigger load hooks and track N > 300 mm on request
Smaller tracks upon request

load data for the track according to DIN 4132

load case H			load case HZ		load case HS
R _{max} ¹⁾ / wheel	RKA _{min} ²⁾ / wheel	RKA _{mit} ³⁾ / wheel	FSKA ⁴⁾ / hoist	FMKA ⁵⁾ / hoist	FPUKR ⁶⁾ / hoist
11.82 kN	0.66 kN	8.51 kN	1.70 kN	0.40 kN	7.4 kN

¹⁾ Wheel load with highest hook position without coefficient
²⁾ Wheel load under dead weight without coefficient
³⁾ Wheel load with mean hook position without coefficient

⁴⁾ Loads transverse to the runway (hoist)
⁵⁾ Loads along the runway (hoist)
⁶⁾ Buffer force valid when using ABUS buffers (hoist)

ABUS Kransysteme GmbH Sonnenweg 1 51647 Gummersbach	monorail trolley with wire rope hoist GM 800.3200 H-202.41.9000.4.E 100.20	15/04/2010
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