



Electric powered forklift 8.0 ton

Truck specifications					9FBH80T
Identification	1.1	Manufacturer			Toyota
	1.2	Model			9FBH80T
	1.3	Drive			Electric
	1.4	Operator type			Driver seated
	1.5	Load capacity/rated load	Q	kg	8000
	1.6	Load centre	c	mm	900
	1.8	Load distance, centre of drive axle to fork	x	mm	750
	1.9	Wheelbase	y	mm	2300
	Weight	2.1	Service weight		kg
2.2		Axle load, with load, front/rear		kg	21565 / 2553
2.3		Axle load, without load, front/rear		kg	7826 / 8092
Tyres	3.1	Tyres - pneumatic (P), pneumatic shaped cushion (SE), solid rubber (R)			SE
	3.2	Tyre size, front			300-15
	3.3	Tyre size, rear			300-15
	3.5	Wheels, number front/rear (x = driven)			4x/2
	3.6	Track width, front	b ₁₀	mm	1575
	3.7	Track width, rear	b ₁₁	mm	1394
	Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	deg
4.2		Height, mast lowered	h ₁	mm	2670
4.3		Free lift	h ₂	mm	100
4.4		Lift	h ₃	mm	3300
		Lift height	h ₂₃	mm	3370
4.5		Height, mast extended	h ₄	mm	4480
4.7		Height of overhead guard (cab)	h ₆	mm	2835
4.8		Seat height	h ₇	mm	1710
4.12		Coupling height	h ₁₀	mm	785
4.19		Overall length	l ₁	mm	5450
4.20		Length to face of forks	l ₂	mm	3650
4.21		Overall width	b ₁	mm	2141
4.22		Fork dimensions	s/e/l	mm	70x200x1800
4.23		Fork carriage DIN 15 173, class/type A, B			IVA
4.24		Fork carriage width	b ₃	mm	1700
4.31		Ground clearance, with load, below mast	m ₁	mm	220
4.32	Ground clearance, centre of wheelbase	m ₂	mm	210	
4.33	Aisle width for pallets 1000x1200 crossways	A _{st}	mm	4861	
4.34	Aisle width for pallets 800x1200 lengthways	A _{st}	mm	5061	
4.35	Turning radius	W _a	mm	3111	
	4.36	Internal turning radius	b ₁₃	mm	753
Performance	5.1	Travel speed, with/without load		km/h	16/18
	5.2	Lift speed, with/without load		m/s	0,32/0,42
	5.3	Lowering speed, with/without load		m/s	0,55/0,45
	5.5	Drawbar pull, with/without load		N	15562/17132
	5.6	Max. drawbar pull, with/without load		N	44600 / 44600
	5.7	Gradeability, with/without load		%	5,2/8,7
	5.8	Max. gradeability, with/without load		%	16/23
	5.9	Acceleration time, with/without load		s	6,0/5,2
	5.10	Service brake			Hydraulic
	Electric motor	6.1	Drive motor rating S2 60 min		kW
6.2		Lift motor rating S3 15%		kW	32
6.3		Battery acc. to DIN 43 531/35/36 A, B, C, no			DIN 43536 A
6.4		Battery voltage, nominal capacity K _s		V/Ah	80/1120 (-1240)
6.5		Battery weight		kg	2785
6.6		Energy consumption to VDI45 cycle			15,8
Others	8.1	Type of drive control			AC
	8.2	Operating pressure for attachments		bar	250
	8.3	Oil volume for attachments		l/min	80
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)	65,8

All data are based on table configuration. Other configurations may give other values.
Truck performance and dimensions are nominal and subject to tolerances.
Products and specifications are subject to change without notice.

