

Electric powered forklift 1.6 - 5.0 ton

7FBMF
7FBMF-S



TOYOTA

MATERIAL HANDLING

stronger together

Electric powered forklift 1.6-1.8 ton

Truck specifications					7FBMF16	7FBMF18
Identification	1.1	Manufacturer			Toyota	Toyota
	1.2	Model			7FBMF16	7FBMF18
	1.3	Drive			Electric	Electric
	1.4	Operator type			Rider seated	Rider seated
	1.5	Load capacity/rated load	Q	kg	1600	1800
	1.6	Load centre	c	mm	500	500
	1.8	Load distance, centre of drive axle to fork	x	mm	410	410
	1.9	Wheelbase	y	mm	1420	1420
	Weight	2.1	Service weight			3500
2.2		Axle load, with load, front/rear			4460/650	4770/670
2.3		Axle load, without load, front/rear			1840/1680	1820/1830
Tyres	3.1	Tyre - pneumatic (P), pneumatic shaped cushion (SE), solid rubber (R)			SE	SE
	3.2	Tyre size, front			21x8-9	21x8-9
	3.3	Tyre size, rear			5.00-8	5.00-8
	3.5	Wheels, number front/rear (x=driven wheels)			2x/2	2x/2
	3.6	Track width, front	b ₁₀	mm	920	920
	3.7	Track width, rear	b ₁₁	mm	895	895
	Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	deg	7/9
4.2		Height, mast lowered	h ₁	mm	2120	2120
4.3		Free lift	h ₂	mm	150	150
4.4		Lift	h ₃	mm	3260	3260
		Lift height	h ₂₃	mm	3300	3300
4.5		Height, mast extended	h ₄	mm	4520	4520
4.7		Height of overhead guard (cab)	h ₆	mm	2195	2195
4.8		Seat height	h ₇	mm	1115	1115
4.12		Coupling height	h ₁₀	mm	355	355
4.19		Overall length	l ₁	mm	2965	2965
4.20		Length to face of forks	l ₂	mm	2165	2165
4.21		Overall width	b ₁	mm	1135	1135
4.22		Fork dimensions	s/e/l	mm	40/80/800	40/80/800
4.23		Fork carriage DIN 15 173, class/type A, B			IIA	IIA
4.24		Fork-carriage width	b ₃	mm	920	920
4.31		Ground clearance, with load, below mast	m ₁	mm	80	80
4.32		Ground clearance, centre of wheelbase	m ₂	mm	85	85
4.33		Aisle width for pallets 1000 x 1200 crossways	A _{st}	mm	3480	3480
4.34		Aisle width for pallets 800 x 1200 lengthways	A _{st}	mm	3680	3680
4.35		Turning radius	W _a	mm	1870	1870
4.36	Internal turning radius	b ₁₃	mm	572,5	572,5	
Performance data	5.1	Travel speed, with/without load		km/h	16,0/17,0	15,5/17,0
	5.2	Lift speed, with/without load		m/s	0,52/0,78	0,48/0,78
	5.3	Lowering speed, with/without load		m/s	0,50/0,50	0,50/0,50
	5.5	Drawbar pull, with/without load		N	9700/9600	9600/9500
	5.6	Max. drawbar pull, with/without load		N	12100/11800	12100/11800
	5.7	Gradeability, with/without load		%	22/30	21/28
	5.8	Max. gradeability, with/without load		%	25/30	23/28
	5.10	Service brake			Hydraulic	Hydraulic
Motor	6.1	Drive motor rating S2 60 min		kW	13,3	13,3
	6.2	Lift motor rating S3 15%		kW	13,5	13,5
	6.3	Battery acc. to DIN 43 531/35/36 A, B, C, no			43 536A	43 536A
	6.4	Battery voltage, nominal capacity K5		V/Ah	80/400	80/400
	6.5	Battery weight		kg	1210	1210
Others	8.1	Type of drive control			Transistor inverter	Transistor inverter
	8.2	Operating pressure for attachments		bar	165	165
	8.3	Oil volume for attachments		l/min	44	44
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)	69	69

Performance data and dimensions are nominal and subject to tolerances.

Specifications are subject to change without notice.

Please obtain the latest specifications before contracting products.