



Engine powered forklift 3.0 ton

Truck specifications					02-8FDF30
Identification	1.1	Manufacturer			TOYOTA
	1.2	Model			02-8FDF30
	1.3	Drive			Diesel
	1.4	Operator type			Rider seated
	1.5	Load capacity/rated load	Q	kg	3000
	1.6	Load centre	c	mm	500
	1.8	Load distance, centre of drive axle to fork	x	mm	485
	1.9	Wheelbase	y	mm	1700
	Weight	2.1	Service weight		kg
2.2		Axle load, with load, front/rear		kg	6260/990
2.3		Axle load, without load, front/rear		kg	1530/2720
Tyres	3.1	Tyre - pneumatic (P), pneumatic shaped cushion (SE), solid rubber (R)			SE
	3.2	Tyre size, front			28x9-15
	3.3	Tyre size, rear			6.50-10
	3.5	Wheels, number front/rear (x=driven wheels)			2x/2
	3.6	Track width, front	b ₁₀	mm	1010
	3.7	Track width, rear	b ₁₁	mm	965
	Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b	deg
4.2		Height, mast lowered	h ₁	mm	2010
4.3		Free lift	h ₂	mm	135
4.4		Lift	h ₃	mm	2955
		Lift height	h ₂₃	mm	3000
4.5		Height, mast extended	h ₄	mm	4260
4.7		Height of overhead guard (cab)	h ₆	mm	2170
4.8		Seat height/stand height	h ₇	mm	1110
4.12		Coupling height	h ₁₀	mm	335
4.19		Overall length	l ₁	mm	3780
4.20		Length to face of forks	l ₂	mm	2780
4.21		Overall width	b ₁	mm	1240
4.22		Fork dimensions	s/e/l	mm	45/100/1000
4.23		Fork carriage DIN 15 173, class/type A, B			IIIA
4.24		Fork-carriage width	b ₃	mm	1070
4.31		Ground clearance, with load, below mast	m ₁	mm	110
4.32	Ground clearance, centre of wheelbase	m ₂	mm	180	
4.33	Aisle width for pallets 1000 x 1200 crossways	A _{st}	mm	4115	
4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st}	mm	4315	
4.35	Turning radius	W _a	mm	2430	
4.36	Internal turning radius	b ₁₃	mm	720	
Performance data	5.1	Travel speed, with/without load		km/h	16,0/16,5
	5.2	Lift speed, with/without load		m/s	0,44/0,47
	5.3	Lowering speed, with/without load		m/s	0,50/0,50
	5.6	Max. drawbar pull, with/without load		N	18400/10400
	5.7	Gradeability, with load ^{1) 2)}		%	24
	5.8	Max. gradeability, with/without load ²⁾		%	27/20
	5.10	Service brake			Hydraulic
Combustion engine	7.1	Engine manufacturer/type			Toyota 1DZ-III (IIIA)
	7.2	Engine power acc. to ISO 1585		kW	36
	7.3	Rated speed		1/mi n	2500
	7.4	No. of cylinders/displacement		cm ³	4/2486
	7.5a	Fuel consumption according to VDI 60		l/h	4,4
	7.5b	Fuel consumption according to VDI 60		kg/h	—
Others	8.2	Operating pressure for attachments		bar	147
	8.3	Oil volume for attachments		l/min	65-75
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)	79

¹⁾ At 1,5 km/h

²⁾ Computed values

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.

Mast dimensions and rated

Model			V							FV					FS V								
8FDF30	Lift height	h_{23}	300	3300	3500	370	4000	4500	500	550	6000	300	330	350	3700	400	4300	4700	500	550	6000	6500	7000
	Lift	h_3	295	3255	3455	365	3955	4455	495	545	5955	295	325	345	3655	395	4255	4655	495	545	5955	6455	6955
	Height, mast lowered	h_1	201	2160	2260	242	2610	2860	311	336	3650	201	216	226	2420	261	2160	2260	242	261	2860	311	3360
	Height, mast extended ¹⁾	h_4	376	4065	4265	446	4765	5265	576	626	6765	365	395	415	4350	465	4950	5350	565	615	6650	7150	7650
	Height, mast extended ²⁾	h_4	426	4560	4760	496	5260	5760	626	676	7260	425	455	475	4950	525	5550	5950	625	675	7250	7750	8250
	Free lift, without load backrest	h_2	135	135	135	135	135	135	135	135	135	140	155	165	181	200	1550	1650	181	200	2250	2500	2750
	Free lift, with load backrest	h_2	135	135	135	135	135	135	135	135	135	800	950	105	1210	140	950	1050	121	140	1650	1900	2150

1) Without load backrest

2) With load backrest; Height of standard load backrest

is 1220 mm. Data in [] are for when "A4 piping" is selected.

Single tyre			V							FV					FS V								
8FDF30	Tilt range, forward	deg	6	6	6	6	6	6	6	—	—	6	6	6	6	6	6	6	6	6	6	6	—
	Tilt range, backward	deg	11(6	11(6	11(6	11(6	11(6	6	6	—	—	11(6	11(6	11(6	11(6	11(6	6	6	6	6	6	6	—
	Load capacity, P tyres at 500 mm LC	kg	3000	3000	3000	3000	3000	3000	2600	—	—	300	3000	3000	3000	3000	300	300	260	190	150	100	—
	Load capacity, SE tyres at 500 mm LC	kg	3000	3000	3000	3000	3000	3000	2750	—	—	300	3000	3000	3000	3000	300	300	275	205	165	110	—

Data in () are for when "Cabin Series" is selected (minimum front windshield).

