

Petrol Engine (LPG) Powered Forklift 3.0 tons



TOYOTA

MATERIAL HANDLING

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	α/β	deg	
4.2		Height, mast lowered	h_1	mm		2215
4.3		Free lift	h_2	mm		1600 without load backrest 995 with load backrest
4.4		Lift	h_3	mm		4495
		Lift height	h_{23}	mm		4500
4.5		Height, mast extended	h_4	mm		5115 without load backrest 5720 with load backrest
4.7		Height of overhead guard (cab)	h_6	mm		2170
4.8		Seat height	h_7	mm		1110
4.12		Coupling height	h_{10}	mm		335
4.19		Overall length	l_1	mm		4000
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		45/100/1220
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 1000x1200 crossways	A_{st}	mm		4115	
4.34	Aisle width for pallets 800x1200 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		18,5/19,0
	5.2	Lift speed, with/without load		m/s		0,51/0,55
	5.3	Lowering speed, with/without load		m/s		0,50/0,50
	5.6	Max. drawbar pull, with/without load		N		18000/10300
	5.7	Gradeability, with load ^{1) 2)}		%		23
	5.8	Max. gradeability, with/without load ²⁾		%		26/20
	5.10	Service brake				Hydraulic
Combustion engine	7.1	Engine manufacturer/type				Toyota 4Y-ECS
	7.2	Engine power according to ISO 1585		kW		42
	7.3	Rated speed		1/min		2570
	7.4	No. of cylinders/displacement		cm ³		4/2237
	7.5a	Fuel consumption according to VDI 60		l/h		—
	7.5b	Fuel consumption according to VDI 60		kg/h		3,4
Others	8.2	Operating pressure for attachments		bar		147
	8.3	Oil volume for attachments		l/min		65 - 74
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)		77

