

Diesel Engine 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	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		
7.2		Engine power according to ISO 1585		kW	36
7.3		Rated speed		1/min	2400
7.4		No. of cylinders/displacement		cm ³	4/2486
7.5a		Fuel consumption according to VDI 60		l/h	4,3
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

