

DOOSAN B50XC -7

Specifications

Characteristics	1.1	Manufacturer			DOOSAN
	1.2	Manufacturer's type designation			B50XC7
	1.3	Drive : electric (battery or mains) ,diesel, petrol ,fuel gas, manual			Electric
	1.4	Operator type : hand, pedestrian, standing, seated, order picker			Driver Seated
	1.5	Load capacity/rated load	kg	Q	4,990
Weight	1.6	Load centre distance	mm	c	500
	1.8	Load distance, centre of drive axle to fork	mm	x	572
	1.9	Wheelbase	mm	y	2,000
	2.1	Service weight (with min. weight of battery)	kg		7,734
	2.2	Axle loading, loaded front/rear	kg		11,415 / 1,318
Types	2.3	Axle loading, unloaded front/rear	kg		3,735 / 3,998
	3.1	Tires: pneumatic (P), superelastic (SE), cushion (C)			SE
	3.2	Tire size, front			28 x 12.5 - 15
	3.3	Tire size, rear			7.00 - 12
	3.5	Wheels, number front/rear (x=driven wheels)			2x/2
Dimensions	3.6	Tread width, front	mm	b11	1,160
	3.7	Tread width, rear	mm	b12	1,111
	4.1	Tilt of mast/fork carriage forward (α)/backward(β)	deg	α / β	6 / 9
	4.2	Height, mast lowered	mm	h1	2,340
	4.3	Free lift	mm	h2	160
	4.4	Lift (with STD 2-stage mast)	mm	h3	3,250
		Lift height	mm	h23	3,300
	4.5	Height, mast extended	mm	h4	4,180
	4.7	Height to top of overhead guard	mm	h6	2,335
	4.8	Seat height/stand height	mm	h7	1,303
	4.12	Towing coupling height	mm	h10	415
	4.19	Overall length	mm	l1	4,037
	4.20	Length to face of forks	mm	l2	2,987
	4.21	Overall width with single tires	mm	b1	1,470
		Overall width with double tires	mm		1,735
	4.22	Fork dimensions	mm	s / e / l	50 / 150 / 1,200
	4.23	Fork carriage ISO 2128, Class/type A, B			II A
	4.24	Fork carriage width	mm	b3	1,250
	4.24a	Fork Spacing (min/max)	mm		310 x 1,182
	4.31	Ground clearance, with load, below mast	mm	m1	130
4.32	Ground clearance, centre of wheelbase	mm	m2	160	
4.33	Aisle width for pallets 1000 x 1200 crossways	mm	Ast	4,417	
4.34	Aisle width for pallets 800 x 1200 lengthways	mm	Ast	4,517	
4.35	Turning radius	mm	Wa	2,645	
4.36	Internal turning radius	mm	b13	579	
Performance	5.1	Travel speed, loaded / unloaded	km/h		15 / 16
	5.2	Lift speed, loaded / unloaded	m/s		0.31 / 0.47
	5.3	Lowering speed, loaded / unloaded	m/s		0.48 / 0.45
	5.6	Maximum drawbar pull, loaded / unloaded, 5 minute rating	N		18,620 / 18,620
	5.8	Maximum gradeability, loaded / unloaded, 5 minute rating	%		15 / 25
5.10	Service brake				FOOT / HYD
	Parking brake				HAND / MECH

Dimensions

