



BSL12N-7/BSL16N-7

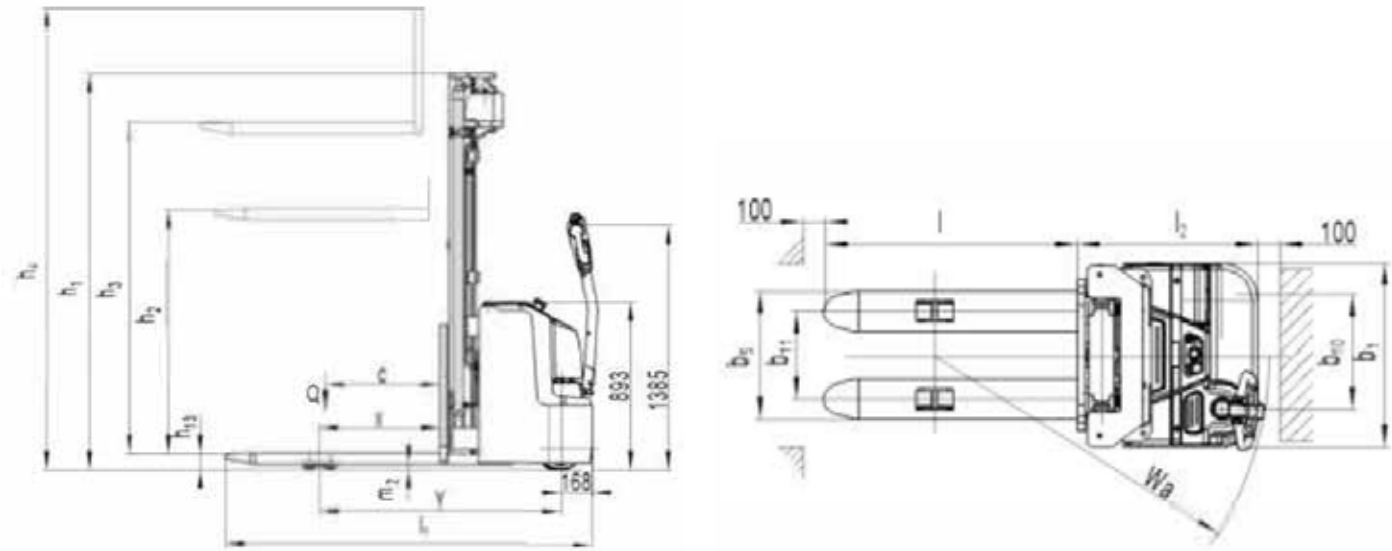
ELECTRIC STACKER

1.2 & 1.6 ton capacity



General Specifications - Stackers (BSL12/16N-7)

CHARACTERISTICS	1.1	Manufacturer			Doosan	Doosan
	1.2	Model			BSL12N-7	BSL16N-7
	1.3	Drive			electric	electric
	1.4	Operator Type			walkie	walkie
	1.5	Load Capacity/rated load center	Q	kg	1,200	1,600
	1.6	Load Center	c	mm	600	600
	1.8	Load Distance	x	mm	647	647
	1.9	Wheelbase	y	mm	1,248	1,293
WEIGHT	2.1	Service Weight (incl. battery)		kg	1,007	1,340
	2.2	Axle loading, loaded, front/rear		kg	684/1,523	930/2,010
	2.3	Axle loading, unloaded, front/rear		kg	610/397	850/490
TYRES	3.1	Tyres			Polyurethane (PU)	Polyurethane (PU)
	3.2	Tire size, front		mm	ø230x70	ø230x70
	3.3	Tire size, rear		mm	ø85x75	ø85x75
	3.4	Additional wheels (dimensions)		mm	ø150x54	ø150x54
	3.5	Wheels, number front/rear (x=driven wheels)			1X + 1 / 4	1X + 1 / 4
	3.6	Tread, Front	b10	mm	522	522
	3.7	Tread, Rear	b11	mm	390/505	390/505
DIMENSIONS	4.2	Lowered Mast Height	h1	mm	2,308	2,108
	4.4	Lift Height	h3	mm	see table	see table
	4.5	Extended Mast Height	h4	mm	4,088	5,080
	4.9	Heigt of tiller in drive position, min./max.	h14	mm	850/1,385	850/1,385
	4.15	Height, lowered	h13	mm	90	90
	4.19	Overall Length	l1	mm	1,919	1,964
	4.20	Length to Forkface	l2	mm	769	814
	4.21	Overall Width	b1	mm	820	820
	4.22	Fork Dimensions	s/e/l	mm	60/180/1,150	60/180/1,150
	4.25	Distance over forks	b5	mm	570/685	570/685
	4.32	Ground Clearance. center of wheelbase	m2	mm	28	28
	4.33	Aisle width for pallets 1,000 x 1,200 lengthways	Ast	mm	2,336	2,406
	4.34	Aisle width for pallets 800 x 1,200 lengthways	Ast	mm	2,322	2,393
	4.35	External Turning Radius	Wa	mm	1,440	1,510
PERFORMANCE DATA	5.1	Travel Speed. loaded/unloaded		km/h	6.0/6.0	5.7/6.0
	5.2	Lift Speed. loaded/unloaded		m/s	0.10/0.17	0.13/0.20
	5.3	Lowering Speed. loaded/unloaded		m/s	0.11/0.11	0.20/0.14
	5.8	Max. Gradeability. loaded/unloaded		%	6/12	6/12
	5.10	Service Brake			electromagnetic	electromagnetic
ELECTRIC MOTOR	6.1	Drive motor rating S2 60 min		kW	1.3	1.3
	6.2	Lift motor rating at S3 4.5%		kW	1.5	3.2
	6.3	Battery acc. to DIN 43535 A/B/C/no			no	no
	6.4	Battery voltage, nominal capacity K5		V/Ah	24/200	24/300
	6.5	Battery weight		kg	175	230
	6.6	Energy consumption acc. to VDI cycle		kWh/h	0.95	1.59
ADDITION DATA	8.1	Type of control for drive and lift			AC Speed Control	AC Speed Control
	8.4	Sound level at driver's ear acc. to EN12053		db(A)	<70	<70



MAST SPECIFICATIONS					
	Lowered mast height mm - h1	Free lift height mm - h2	Lift height mm - h3	Extended mast height mm - h4	Lift + fork height mm - h3 + h13
BSL12N-7					
STD	1,958	-	2,830	3,380	2,920
	2,108	-	3,130	3,680	3,220
	2,308	-	3,530	4,080	3,620
FFL	2,108	1,560	3,130	3,680	3,220
	2,308	1,760	3,530	4,080	3,620
FFT	1,908	1,320	3,930	4,480	4,020
	2,008	1,420	4,230	4,780	4,320
	2,108	1,520	4,530	5,080	4,620
BSL16N-7					
STD	1,958	-	2,830	3,380	2,920
	2,108	-	3,130	3,680	3,220
	2,308	-	3,530	4,080	3,620
FFL	2,108	1,560	3,130	3,680	3,220
	2,308	1,760	3,530	4,080	3,620
FFT	1,708	1,120	3,330	3,880	3,420
	1,908	1,320	3,930	4,480	4,020
	2,008	1,420	4,230	4,780	4,320
	2,108	1,520	4,530	5,080	4,620
	2,343	1,756	5,230	5,780	5,320



Doosan Industrial Vehicle Europe nv
Europark-Noord 36A
9100 Sint-Niklaas
Belgium
Tel.: +32 3 760 09 87
Fax: +32 3 760 09 89
Website: www.doosan-iv.eu

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