

B15R-7

Mast type	Max. Fork Height	Mast Lowered Height	Extended Height w/ Load Backrest	Free Lift w/ Load Backrest	Tilt Angle		Soild Soft Tire Load Capacities LC 500mm	Pneumatic Tire Load Capacities LC 500mm
					Forward deg	Backward deg		
	mm	mm	mm	mm	deg	deg	kg	kg
STD	3,000	2,025	4,045	130	3	8	1,500	1,500
	3,300	2,175	4,345	130	3	6	1,500	1,500
	3,500	2,275	4,545	130	3	6	1,500	1,500
	3,700	2,375	4,745	130	3	6	1,500	1,500
	4,000	2,575	5,045	130	3	6	1,475	1,500
	4,500	2,825	5,545	130	3	6	1,400	1,400
FF	2,700	1,875	3,745	870	3	5	1,500	1,500
	3,000	2,025	4,045	1,020	3	5	1,500	1,500
	3,300	2,175	4,345	1,170	3	5	1,500	1,500
FFT	4,000	1,905	5,050	900	3	5	1,450	1,500
	4,500	2,070	5,545	1,065	3	5	1,375	1,425
	4,750	2,155	5,795	1,150	3	5	1,350	1,375
	5,000	2,270	6,045	1,265	3	5	1,200	1,000
	5,500	2,505	6,550	1,500	3	5	900	700
	6,000	2,670	7,045	1,665	3	5	600	475

B16R-7

Mast type	Max. Fork Height	Mast Lowered Height	Extended Height w/ Load Backrest	Free Lift w/ Load Backrest	Tilt Angle		Soild Soft Tire Load Capacities LC 500mm
					Forward deg	Backward deg	
	mm	mm	mm	mm	deg	deg	kg
STD	3,000	2,025	4,045	130	3	6	1,600
	3,300	2,175	4,345	130	3	6	1,600
	3,500	2,275	4,545	130	3	6	1,600
	3,700	2,375	4,745	130	3	6	1,600
	4,000	2,575	5,045	130	3	6	1,575
	4,500	2,825	5,545	130	3	6	1,500
FF	2,700	1,875	3,745	870	3	5	1,600
	3,000	2,025	4,045	1,020	3	5	1,600
	3,300	2,175	4,345	1,170	3	5	1,600
FFT	4,000	1,905	5,050	900	3	5	1,550
	4,500	2,070	5,545	1,065	3	5	1,500
	4,750	2,155	5,795	1,150	3	5	1,450
	5,000	2,270	6,045	1,265	3	5	1,300
	5,500	2,505	6,550	1,500	3	5	875
	6,000	2,670	7,045	1,665	3	5	575



B13R-7 / B15R-7 / B16R-7

7-SERIES FORKLIFTS

Electric 1.25 to 1.6 ton capacity
3 wheel rear drive



Note : These load capacities are based on the standard chassis without side shifter.
Products and specifications are subject to improvement and change without prior notices.

B16R-7-190110ENV1 (January 2019)

AUTHORIZED DEALER

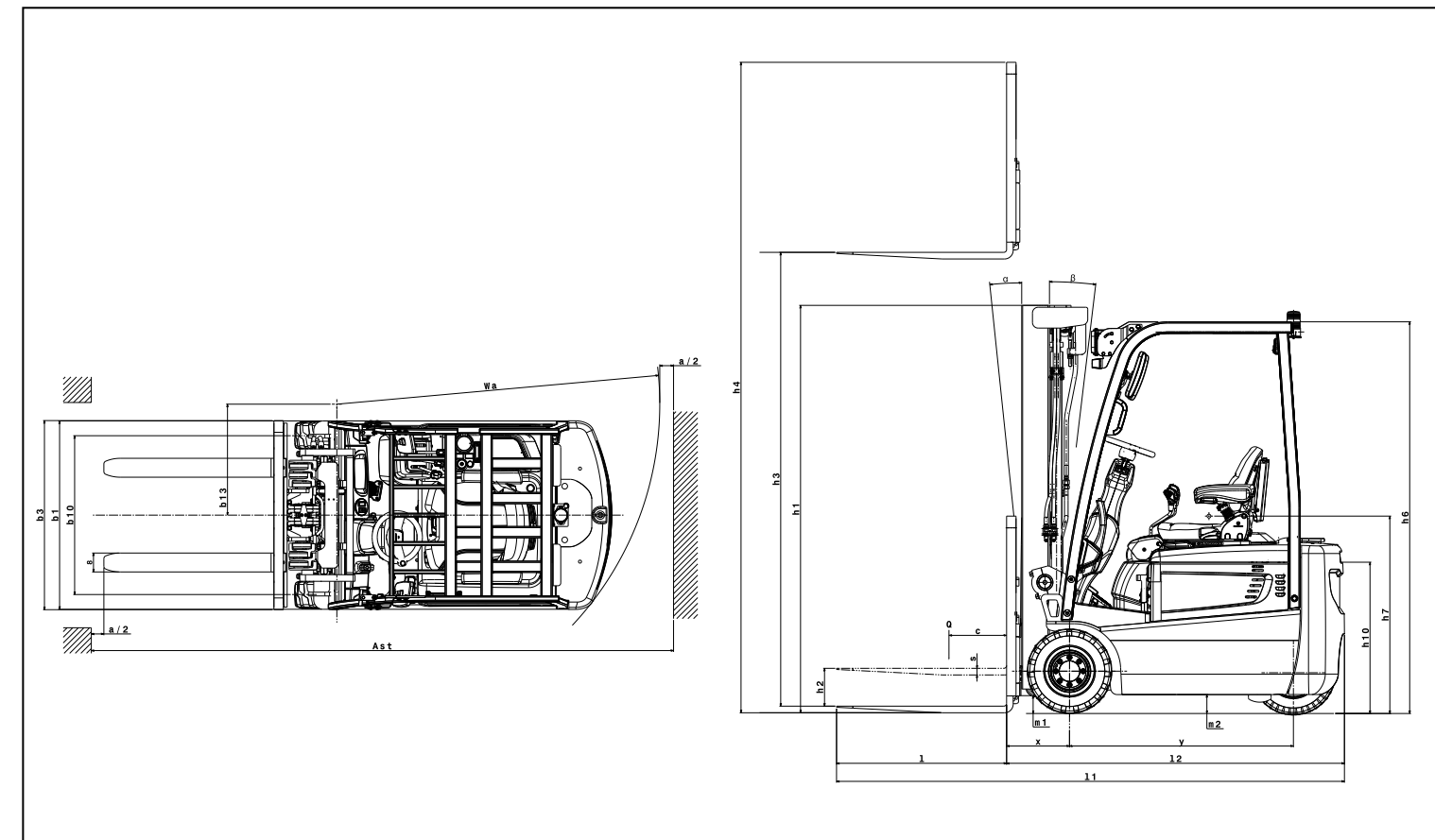


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Technical Data according to VDI 2198

CHARACTERISTICS	1.1	Manufacturer			Doosan	Doosan	Doosan
	1.2	Manufacturer's type designation			B13R-7	B15R-7	B16R-7
	1.3	Drive			Electric	Electric	Electric
	1.4	Operator type			Seated	Seated	Seated
	1.5	Load capacity/rated load	kg	Q	1,250	1,500	1,600
	1.6	Load centre distance	mm	c	500	500	500
	1.8	Load distance, centre of drive axle to fork	mm	x	330	330	330
	1.9	Wheelbase (with forward/vertical/back mast)	mm	y	1,112 x 1,145 x 1,195	1,171 x 1,195 x 1,245	1,171 x 1,195 x 1,245
WEIGHT	2.1	Service weight (with min. weight of battery)	kg		2,827	3,001	3,086
	2.2	Axle loading, loaded front/rear	kg		3,529/548	3,989/512	4,153/533
	2.3	Axle loading, unloaded front/rear	kg		1,280/1,547	1,359/1,642	1,397/1,689
TIRES	3.1	Tires: pneumatic (P), superelastic (SE), cushion (C)			P/SE	P/SE	SE
	3.2	Tire size, front			18 x 7 - 8	18 x 7 - 8	18 x 7 - 8
	3.3	Tire size, rear			18 x 7 - 8	18 x 7 - 8	18 x 7 - 8
	3.5	Wheels, number front/rear (x=driven wheels)			2/1x	2/1x	2/1x
	3.6	Tread width, front	mm	b10	840	840	840
	DIMENSIONS	4.1	Tilt of mast/fork carriage forward (α)/backward(β)	deg	α / β	3/6	3/6
4.2		Height, mast lowered	mm	h1	2,025	2,025	2,025
4.3		Free lift	mm	h2	130	130	130
4.4		Maximum fork height	mm	h3	3,000	3,000	3,000
4.5		Height, mast extended	mm	h4	4,045	4,045	4,045
4.7		Height to top of overhead guard	mm	h6	2,067	2,067	2,067
4.8		Seat height/stand height	mm	h7	1,010	1,010	1,010
4.12		Towing coupling height	mm	h10	850	850	850
4.19		Overall length	mm	l1	2,645	2,670	2,695
4.20		Length to face of forks	mm	l2	1,745	1,770	1,795
4.21		Overall width	mm	b1	996	996	996
4.22		Fork dimensions	mm	s / e / l	35 / 100 / 900	35 / 100 / 900	35 / 100 / 900
4.23		Fork carriage ISO 2328. Class/type A, B			II A	II A	II A
4.24		Fork carriage width	mm	b3	1,000	1,000	1,000
4.24a		Fork Spacing (min/max)	mm		200 / 905	200 / 905	200 / 905
4.31		Ground clearance, with load, below mast	mm	m1	60	60	60
4.32		Ground clearance, centre of wheelbase	mm	m2	90	90	90
4.33		Aisle width for pallets 1000 x 1200 crossways	mm	Ast	3,074	3,099	3,124
4.34		Aisle width for pallets 800 x 1200 lengthways	mm	Ast	3,196	3,221	3,246
4.35		Turning radius	mm	Wa	1,415	1,440	1,465
PERFORMANCE DATA	5.1	Travel speed, loaded / unloaded	km/h		12.0 / 13.0	12.0 / 12.5	12.0 / 12.5
	5.2	Lift speed, loaded / unloaded	m/s		0.30 / 0.53	0.29 / 0.53	0.29 / 0.53
	5.3	Lowering speed, loaded / unloaded	m/s		0.50 / 0.45	0.50 / 0.45	0.50 / 0.45
	5.6	Maximum drawbar pull, loaded, 5 minute rating	N		9,623/9,623	9,623/9,623	9,623/9,623
	5.8	Maximum gradeability, loaded, 5 minute rating	%		24/25	22/25	20/25
	5.10	Service brake			FOOT / HYD	FOOT / HYD	FOOT / HYD
		Parking brake			HAND / MECH	HAND / MECH	HAND / MECH
ELECTRIC ENGINE	6.1	Drive motor rating S2 60 minute	kW		6.5	6.5	6.5
	6.2	Lifting motor rating at S3 15%	kW		9.0	9.0	9.0
	6.3	Battery type			Lead-acid	Lead-acid	Lead-acid
	6.4	Battery voltage/nominal capacity K5	V/Ah		24/875	24/1,000	24/1,000
	6.5	Battery weight (min.)	kg		600	676	676
		Battery Compartment L/W/H	mm		445 x 836 x 627	445 x 836 x 627	445 x 836 x 627
OTHERS	8.1	Type of drive control unit			Inverter AC	Inverter AC	Inverter AC
	8.2	Working press for attachments	bar	System	159	175	175
				Attachment	140	140	140
8.4	Sound level at the driver's ear according to EN 12 053	dB (A)			63.7	63.7	63.7

DIMENSIONAL DRAWING



MAST SPECIFICATIONS and RATED CAPACITIES

B13R-7

Mast type	Max. Fork Height	Mast Lowered Height	Extended Height	Free Lift	Tilt Angle		Soild Soft Tire Load Capacities	Pneumatic Tire Load Capacities
			w/ Load Backrest	w/ Load Backrest	Forward	Backward	LC 500mm	LC 500mm
			mm	mm	deg	deg	kg	kg
STD	3,000	2,025	4,045	130	3	6	1,250	1,250
	3,300	2,175	4,345	130	3	6	1,250	1,250
	3,500	2,275	4,545	130	3	6	1,250	1,250
	3,700	2,375	4,745	130	3	6	1,250	1,250
	4,000	2,575	5,045	130	3	6	1,250	1,250
FF	4,500	2,825	5,545	130	3	6	1,225	1,225
	2,700	1,875	3,745	870	3	5	1,250	1,250
	3,000	2,025	4,045	1,020	3	5	1,250	1,250
FFT	3,300	2,175	4,345	1,170	3	5	1,250	1,250
	4,000	1,905	5,050	900	3	5	1,250	1,250
	4,500	2,070	5,545	1,065	3	5	1,200	1,200
	4,750	2,155	5,795	1,150	3	5	1,175	1,175
	5,000	2,270	6,045	1,265	3	5	1,050	950
	5,500	2,505	6,550	1,500	3	5	850	650
	6,000	2,670	7,045	1,665	3	5	550	425

Note: Specification values quoted in this specification sheet have been rounded. Performance may vary depending on operating conditions. Products and specifications are subject to improvement and change without prior notice.

This specification sheet to VDI guideline 2198 only gives the technical figures for the standard truck. Different tires, other masts, additional equipment etc. could give different figures.