

OVERHEAD GUARD HEIGHT / CLOSED MAST HEIGHT / FREE LIFT

Model	Mast type	Lift height (h3) mm	OVHD height (h6)		Closed mast height (h1) mm	Free lift (h2)	
			STD	with option*		with load backrest	without load backrest
			mm	mm		mm	mm
BR14J-9	FFT	5,000	2,186	2,275	2,160	1,265	1,340
	FFT	5,600	2,186	2,275	2,360	1,465	1,540
	FFT	6,000	2,186	2,275	2,490	1,600	1,675
	FFT	6,500	2,186	2,275	2,660	1,765	1,840
	FFT	7,100	2,186	2,275	2,860	1,965	2,040
	FFT	7,500	2,186	2,275	2,990	2,100	2,175
	FFT	7,800	2,186	2,275	3,090	2,200	2,275
	FFT	8,420	2,186	2,275	3,300	2,405	2,480
	FFT	8,720	2,186	2,275	3,400	2,505	2,580
BR16J-9	FFT	5,000	2,186	2,275	2,160	1,265	1,340
	FFT	5,600	2,186	2,275	2,360	1,465	1,540
	FFT	6,000	2,186	2,275	2,490	1,600	1,675
	FFT	6,500	2,186	2,275	2,660	1,765	1,840
	FFT	7,100	2,186	2,275	2,860	1,965	2,040
	FFT	7,500	2,186	2,275	2,990	2,100	2,175
	FFT	7,800	2,186	2,275	3,090	2,200	2,275
	FFT	8,420	2,186	2,275	3,300	2,405	2,480
	FFT	8,720	2,186	2,275	3,400	2,505	2,580
BR14JW-9	FFT	5,000	2,186	2,275	2,160	1,265	1,340
	FFT	5,600	2,186	2,275	2,360	1,465	1,540
	FFT	6,000	2,186	2,275	2,490	1,600	1,675
	FFT	6,500	2,186	2,275	2,660	1,765	1,840
	FFT	7,100	2,186	2,275	2,860	1,965	2,040
	FFT	7,500	2,186	2,275	2,990	2,100	2,175
	FFT	7,800	2,186	2,275	3,090	2,200	2,275
	FFT	8,420	2,186	2,275	3,300	2,405	2,480
	FFT	8,720	2,186	2,275	3,400	2,505	2,580
	FFT	9,110	2,186	2,275	3,530	2,635	2,710
	FFT	9,620	2,186	2,275	3,700	2,805	2,880
	FFT	10,520	2,186	2,275	4,000	3,105	3,180
	FFT	11,510	2,186	2,275	4,330	3,435	3,510
BR16JW-9	FFT	5,000	2,186	2,275	2,160	1,265	1,340
	FFT	5,600	2,186	2,275	2,360	1,465	1,540
	FFT	6,000	2,186	2,275	2,490	1,600	1,675
	FFT	6,500	2,186	2,275	2,660	1,765	1,840
	FFT	7,100	2,186	2,275	2,860	1,965	2,040
	FFT	7,500	2,186	2,275	2,990	2,100	2,175
	FFT	7,800	2,186	2,275	3,090	2,200	2,275
	FFT	8,420	2,186	2,275	3,300	2,405	2,480
	FFT	8,720	2,186	2,275	3,400	2,505	2,580
	FFT	9,110	2,186	2,275	3,530	2,635	2,710
	FFT	9,620	2,186	2,275	3,700	2,805	2,880
	FFT	10,520	2,186	2,275	4,000	3,105	3,180
	FFT	11,510	2,186	2,275	4,330	3,435	3,510
FFT	12,530	2,186	2,275	4,670	3,775	3,850	

Model	Mast type	Lift height (h3) mm	OVHD height (h6)		Closed mast height (h1) mm	Free lift (h2)	
			STD	with option*		with load backrest	without load backrest
			mm	mm		mm	mm
BR20JW-9	FFT	5,000	2,186	2,275	2,320	1,425	1,620
	FFT	5,600	2,186	2,275	2,520	1,625	1,820
	FFT	6,000	2,186	2,275	2,650	1,760	1,955
	FFT	6,500	2,186	2,275	2,820	1,925	2,120
	FFT	7,100	2,186	2,275	3,020	2,125	2,320
	FFT	7,500	2,186	2,275	3,150	2,260	2,455
	FFT	7,800	2,186	2,275	3,250	2,360	2,555
	FFT	8,420	2,186	2,275	3,460	2,565	2,760
	FFT	8,720	2,186	2,275	3,560	2,665	2,860
	FFT	9,110	2,186	2,275	3,690	2,795	2,990
	FFT	9,620	2,186	2,275	3,860	2,965	3,160
	FFT	10,520	2,186	2,275	4,160	3,265	3,460
	FFT	11,510	2,186	2,275	4,490	3,595	3,790
BR25JW-9	FFT	12,530	2,186	2,275	4,830	3,935	4,130
	FFT	13,000	2,186	2,275	4,985	4,090	4,290
	FFT	5,000	2,186	2,275	2,320	1,425	1,620
	FFT	5,600	2,186	2,275	2,520	1,625	1,820
	FFT	6,000	2,186	2,275	2,650	1,760	1,955
	FFT	6,500	2,186	2,275	2,820	1,925	2,120
	FFT	7,100	2,186	2,275	3,020	2,125	2,320
	FFT	7,500	2,186	2,275	3,150	2,260	2,455
	FFT	7,800	2,186	2,275	3,250	2,360	2,555
	FFT	8,420	2,186	2,275	3,460	2,565	2,760
	FFT	8,720	2,186	2,275	3,560	2,665	2,860
	FFT	9,110	2,186	2,275	3,690	2,795	2,990
	FFT	9,620	2,186	2,275	3,860	2,965	3,160
FFT	10,520	2,186	2,275	4,160	3,265	3,460	
FFT	11,510	2,186	2,275	4,490	3,595	3,790	
FFT	12,530	2,186	2,275	4,830	3,935	4,130	
FFT	13,000	2,186	2,275	4,985	4,090	4,290	

Products and specifications are subject to improvement and change without prior notices.

* Option : strobe, blue safety light

BATTERY BED SIZE

BR14/16J-9	315 Ah	460 Ah	620 Ah
L / W / H	1,070 / 347 / 780	1,070 / 347 / 780	1,070 / 412 / 780
(MAX)	1,073 / 350 / 785	1,073 / 350 / 785	1,073 / 415 / 785

BR14/16JW-9	420 Ah	560 Ah	700 Ah
L / W / H	1,220/290/780	1,220/355/780	1,220/425/780
(MAX)	1,223/293/785	1,223/358/785	1,223/428/785

BR20/25JW-9	700 Ah	770 Ah	930 Ah
L / W / H	1,220/425/780	1,220/500/780	1,220/500/780
(MAX)	1,223/428/785	1,223/503/785	1,223/503/785



- 🏭 Production Subsidiary
- Sales Subsidiary
- △ Parts Depot Center



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BR14(W)-9-210831V1EN (August 2021)

Authorized Dealer



BR14J-9 / BR16J-9
 BR14JW-9 / BR16JW-9 / BR20JW-9 / BR25JW-9

ELECTRIC REACH TRUCK

1.4 to 2.5 ton capacity



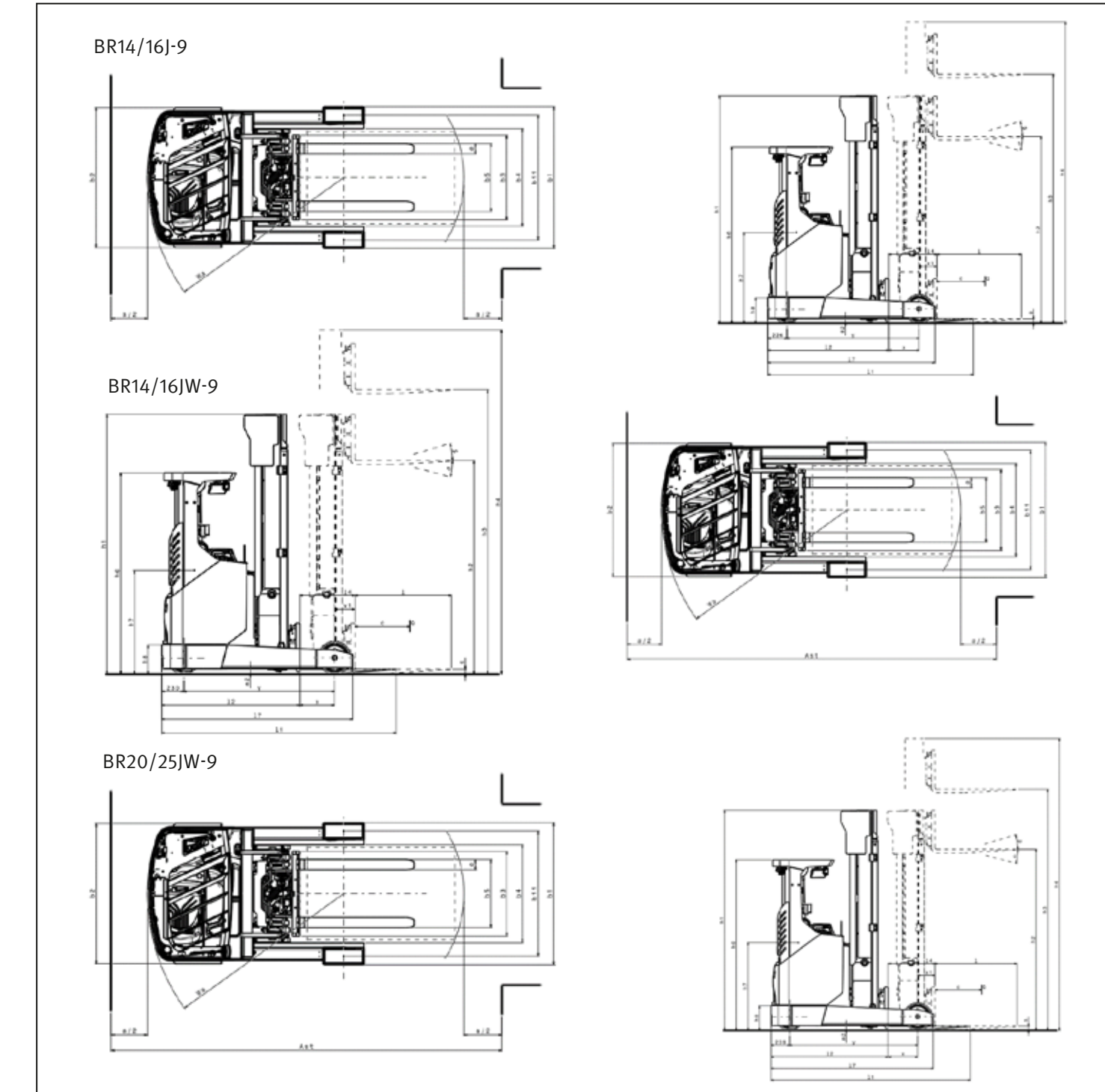
Technical Data according to VDI 2198

Characteristics	1.1		DOOSAN		
	Manufacturer		BR14J-9		
1.2	Manufacturer's type designation		315 Ah	465 Ah	620 Ah
	Drive		Electric		
1.3	Operator type		Seated		
1.4	Load capacity/rated load		kg	Q	1,250
1.5	Load centre		mm	c	600
1.6	Load distance		mm	x	210.5
	Mast pushed forward		mm	x1	215
1.7	Wheelbase		mm	y	1,390
Weight	2.1		Vmax/Vulkollan®		
	Unload weight		kg		3,021
	2.2		343 X 140		
	Axle loading, unloaded front/rear		kg		1,733/1,288
	2.3		285 X 100		
Types	2.4		1X/2		
	Axle loading, fork advanced, load, front/rear		kg		877/3,394
	2.5		343 X 140		
	Axle loading, fork retracted, load, front/rear		kg		1,652/2,619
	2.6		285 X 100		
Dimensions	3.1		Vmax/Vulkollan®		
	Tires		343 X 140		
	3.2		343 X 140		
	Tire size, front		285 X 100		
	3.3		285 X 100		
	Tire size, rear		1X/2		
	3.4		1X/2		
	Wheels, number front/rear (x=driven wheels)		995		
	3.5		995		
	Tread width, rear		mm	b11	2/5
	4.1		2/5		
	Tilt of fork carriage forward (α)/backward(β)		deg	α / β	2/5
	4.2		2,490		
	Closed mast height		mm	h1	2,490
	4.3		1,990		
	Free lift		mm	h2	1,990
	4.4		6,000		
	Lift height		mm	h3	6,000
	4.5		6,555		
	Height, mast extended		mm	h4	6,555
	4.6		2,186		
	Height to top of overhead guard		mm	h6	2,186
	4.7		1,087		
	Seat height		mm	h7	1,087
	4.8		306		
	Height of wheel arms		mm	h8	306
	4.9		2,981		
Overall length		mm	l1	2,981	
4.10		1,405			
Length to face of forks		mm	l2	1,405	
4.11		1,120			
Overall width		mm	b1	1,120	
4.12		40/100/1,150			
Fork dimensions		mm		40/100/1,150	
4.13		IIA			
Fork carriage ISO 2328. Class/type A, B		IIA			
4.14		663			
Fork carriage width		mm	b3	663	
4.15		245/603			
Width across forks		mm	b5	245/603	
4.16		788			
Distance between wheel arms/loading surfaces		mm	b4	788	
4.17		426			
Reach distance		mm		426	
4.18		361			
Ground clearance, centre of wheelbase		mm	m2	361	
4.19		2,808			
Aisle width for pallets 1,000X1,200 wide		mm	Ast	2,808	
4.20		2,808			
Aisle width for pallets 1,000X1,200 long		mm	Ast	2,808	
4.21		2,925			
Aisle width for pallets 800X1,200 wide		mm	Ast	2,925	
4.22		2,657			
Aisle width for pallets 800X1,200 long		mm	Ast	2,657	
4.23		2,883			
Turning radius		mm	Wa	2,883	
4.24		1,616			
Length across wheel arms		mm	l7	1,616	
4.25		1,784			
Travel speed, loaded / unloaded		km/h		1,784	
5.1		14/14			
Lift speed, loaded / unloaded		mm/s		14/14	
5.2		420/600			
Lowering speed, loaded / unloaded		mm/s		420/600	
5.3		550/550			
Maximum gradeability, loaded / unloaded		%		550/550	
5.4		10/15			
Service brake		Elec / Electric Assistance Brake			
5.5		10/15			
Performance		Elec / Electric Assistance Brake			
5.6		10/15			
Drive motor rating S2 60 minute		Elec / Electric Assistance Brake			
6.1		5			
Lifting motor rating at 53 15%		5			
6.2		18			
Battery voltage/capacity at 5 hours rate		18			
6.3		48/315			
Battery weight		48/315			
6.4		48/465			
Battery dimensions		48/465			
6.5		1,070/347/780			
Additional data		1,070/347/780			
8.1		Type of drive control			
8.2		Operating pressure for attachments			
8.3		Oil volume for attachments			
8.4		Sound level at operator's ear according to EN12053			

DOOSAN			DOOSAN			DOOSAN		
BR16J-9			BR14JW-9			BR16JW-9		
315 Ah	465 Ah	620 Ah	420 Ah	560 Ah	700 Ah	420 Ah	560 Ah	700 Ah
Electric			Electric			Electric		
Seated			Seated			Seated		
1,250			1,400			1,600		
600			600			600		
226			222.5			172.5		
215			215			215		
1,410			1,410			1,430		
3,026			3,266			3,462		
1,769/1,257			1,986/1,473			2,054/1,596		
1,895/1,329			1,929/1,337			1,986/1,283		
1,967/1,465			1,356/2,291			2,029/1,433		
912/3,364			1,041/3,991			1,512/3,357		
1,811/3,013			1,909/2,950			1,965/3,097		
1,810/3,222			1,917/2,749			1,994/2,875		
1,704/2,572			1,210/3,837			1,911/3,339		
Vmax/Vulkollan®			Vmax/Vulkollan®			Vmax/Vulkollan®		
343 X 140			343 X 140			343 X 140		
285 X 100			285 X 100			285 X 100		
1X/2			1X/2			1X/2		
995			1,145			1,199		
2/5			2/5			2/5		
2,490			2,490			2,490		
1,990			1,990			1,990		
6,000			6,000			6,000		
6,555			6,555			6,555		
2,186			2,186			2,186		
1,087			1,087			1,087		
306			306			310		
3,002			2,502			2,567		
1,410			1,410			1,417		
1,120			1,270			1,270		
40/100/1,150			40/100/1,150			40/100/1,150		
IIA			IIA			IIA		
663			813			813		
245/603			245/753			245/753		
788			938			938		
441			503			523		
441			438			458		
63			63			63		
2,815			2,771			2,776		
2,815			2,822			2,826		
2,867			2,878			2,882		
2,931			2,881			2,938		
2,931			3,001			2,883		
2,666			2,673			2,679		
2,889			2,896			2,898		
2,949			2,961			2,963		
1,636			1,640			1,660		
1,804			1,808			1,828		
14/14			14/14			14/14		
420/600			420/600			420/600		
550/550			550/550			550/550		
10/15			10/15			10/15		
Elec / Electric Assistance Brake			Elec / Electric Assistance Brake			Elec / Electric Assistance Brake		
5			5			5		
18			18			18		
48/315			48/560			48/700		
48/465			48/700			48/420		
1,012			1,138			1,138		
606			757			757		
1,070/347/780			1,220/290/780			1,220/290/780		
1,070/347/780			1,220/355/780			1,220/355/780		
1,070/412/780			1,220/425/780			1,220/425/780		
(1,072/349/782)			(1,222/292/782)			(1,222/292/782)		
(1,072/349/782)			(1,222/357/782)			(1,222/357/782)		
(1,072/414/782)			(1,222/427/782)			(1,222/427/782)		
AC-MOSFET			AC-MOSFET			AC-MOSFET		
200			200			200		
10			10			10		
70.8			70.8			70.8		

DOOSAN			Doosan		
BR20JW-9			BR25JW-9		
700 Ah	775 Ah	930 Ah	700 Ah	775 Ah	930 Ah
Electric			Electric		
Seated			Seated		
2,000			2,400		
600			600		
197.5			140.5		
220			220		
1,520			1,640		
4,312			4,429		
2,398/1,914			2,490/2,097		
4,429			4,587		
4,325			4,325		
2,511/1,931			2,511/1,931		
4,600			4,600		
1,811/4,501			1,794/4,635		
1,890/4,697			2,012/4,713		
2,263/4,049			2,280/4,307		
2,550/4,175			2,550/4,175		
2,427/4,415			2,427/4,415		
2,526/4,524			2,526/4,524		
Vmax/Vulkollan®			Vmax/Vulkollan®		
343 X 140			343 X 140		
355 X 135			355 X 135		
1X/2			1X/2		
1,199			1,199		
2/4			2/4		
2,820			2,820		
2,310			2,310		
6,500			6,500		
7,060			7,060		
2,186			2,186		
1,087			1,087		
315			315		
3,128			3,248		
1,560			1,617		
1,360/1,342			1,360/1,342		
45/100/1,150			45/100/1,150		
IIA			IIA		
813			813		
245/753			245/753		
938			938		
418			361		
361			361		
61			61		
2,960			3,006		
3,078			3,130		
2,808			2,850		
3,037			3,090		
1,758			1,878		
1,955			2,075		
14/14			14/14		
370/650			370/650		
550/550			550/550		
7/11			7/11		
Electromagnetic			Electromagnetic		
7			7		
18			18		
48/700			48/775		
48/775			48/930		
1,138			1,433		
1,255			1,135		
1,255			1,255		
1,433			1,433		
1,220/425/780			1,220/500/780		
1,220/500/780			1,220/500/780		
(1,222/427/782)			(1,222/502/782)		
(1,222/502/782)			(1,222/502/782)		
AC-MOSFET			AC-MOSFET		
200			200		
10			10		
70.1			70.1		

DIMENSIONAL DRAWING



Note : Specification values quoted in this specification sheet have been rounded. Performance may vary due to operation conditions. Products and specifications are subject to improvement and change without prior notices.