

# PRODUCT DATA SHEET

## MIR 221

**Tyre Construction:** Bias

**Type:** Tube Less

**Main Applications:** Backhoe Loader, Telehandler,  
Wheel Loader

**TRA Code:** IND



### *Salient Features:*

#### **Robust Design: Steel Belted**

- Optimized Tread Design
- Provides high durability and grip.
- Enhanced Carcass- stability for both On and Off-road operations.



# Technical Data



Size	Rec. Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/SI	Infl. Pres.	Recommended Load (kg) (lbs)								
		SW	OD					Speed (kmph) (mph)								
		mm	mm	Constant Load					Cyclic Applications							
		Inch	Inch	mm	mm			mm	mm	mm	mm	10	15			
								bar	Static	10	25	30	40	50	10	15
								psi		6	16	19	25	31	6	9
340/80R18 (12.5R18) SB	W11	343	1001	453	2994	143 A8/B	3.0	4850	2640	2240	2190	2110	2110	3170	2830	
							4.4	10680	5810	4930	4820	4650	4650	6980	6230	
							3.2	5130	2790	2360	2320	2230	2230	3350	2990	
							4.6	11300	6150	5200	5110	4910	4910	7380	6590	
							3.6	5660	3080	2610	2560	2460	2460	3690	3300	
							5.2	12470	6780	5750	5640	5420	5420	8130	7270	
							3.8	5930	3230	2750	2680	2580	2580	3870	3460	
	5.5	13060	7110	6060	5900		5680	5680	8520	7620						
	4	6270	3410	2890	2830		2725	2725	4090	3650						
	5.8	13810	7510	6370	6230		6000	6000	9010	8040						
	4.2	---	---	---	---		---	---	2810	4220	3770					
	6.1	---	---	---	---		---	---	6190	9300	8300					
	4.4	---	---	---	---		---	---	2930	4400	3930					
	6.4	---	---	---	---		---	---	6450	9690	8660					
460/70R24 (17.5LR24) SB	DW15L	465	1254	571	3750	159 A8/B	3.0	7820	4250	3600	3540	3400	3400	5100	4560	
							4.4	17220	9360	7930	7800	7490	7490	11230	10040	
							3.2	8260	4490	3810	3730	3590	3590	5390	4810	
							4.6	18190	9890	8390	8220	7910	7910	11870	10590	
							3.6	9130	4960	4210	4130	3970	3970	5960	5320	
							5.2	20110	10930	9270	9100	8740	8740	13130	11720	
							3.8	9570	5200	4430	4330	4160	4160	6240	5570	
	5.5	21080	11450	9760	9540		9160	9160	13740	12270						
	4	10060	5470	4640	4550		4375	4375	6560	5860						
	5.8	22160	12050	10220	10020		9640	9640	14450	12910						
	4.2	---	---	---	---		---	---	4540	6810	6080					
	6.1	---	---	---	---		---	---	10000	15000	13390					
	4.4	---	---	---	---		---	---	4730	7100	6340					
	6.4	---	---	---	---		---	---	10420	15640	13960					

**Mahansaria Tyres Pvt. Ltd.**

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# Technical Data



Size	Rec. Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/SI	Infl. Pres.	Recommended Load (kg) (lbs)									
		SW	OD					Speed (kmph) (mph)									
				Constant Load						Cyclic Applications							
				mm	mm			mm	mm	mm	mm	bar	Static	10	25	30	40
Inch	Inch	Inch	Inch	Inch	Inch	psi		6	16	19	25	31	6	9			
500/70R24 (19.5LR24) SB	DW16L	503	1310	594	3918	164 A8/B	3.0	8920	4850	4110	4040	3880	3880	5820	5200		
							44	19650	10680	9050	8900	8550	8550	12820	11450		
							3.2	9430	5130	4350	4260	4100	4100	6150	5490		
							46	20770	11300	9580	9380	9030	9030	13550	12090		
							3.6	10420	5660	4800	4710	4530	4530	6800	6070		
							52	22950	12470	10570	10370	9980	9980	14980	13370		
							3.8	10900	5930	5050	4930	4740	4740	7110	6350		
	19.8	51.6	23.4	154.3	55		24010	13060	11120	10860	10440	10440	15660	13990			
					4		11500	6250	5300	5200	5000	5000	7500	6700			
					58		25330	13770	11670	11450	11010	11010	16520	14760			
					4.2		---	---	---	---	---	5170	7760	6930			
					61		---	---	---	---	---	11390	17090	15260			
					4.4		---	---	---	---	---	5390	8090	7220			
					64		---	---	---	---	---	11870	17820	15900			
480/80R26 (18.4R26) SB	DW15L	479	1428	647	4271	167 A8/B	3.0	9780	5310	4510	4420	4250	4250	6380	5700		
							44	21540	11700	9930	9740	9360	9360	14050	12560		
							3.2	10300	5600	4750	4660	4480	4480	6720	6000		
							46	22690	12330	10460	10260	9870	9870	14800	13220		
							3.6	11390	6190	5250	5150	4950	4950	7430	6630		
							52	25090	13630	11560	11340	#####	10900	16370	14600		
							3.8	11940	6490	5530	5400	5190	5190	7790	6950		
		18.9	56.2	25.5	168.1		55	26300	14300	12180	11890	#####	11430	17160	15310		
							4	12540	6810	5780	5670	5450	5450	8180	7300		
							58	27620	15000	12730	12490	#####	12000	18020	16080		
							4.2	---	---	---	---	---	5660	8490	7580		
							61	---	---	---	---	---	12470	18700	16700		
							4.4	---	---	---	---	---	5900	8850	7910		
							64	---	---	---	---	---	13000	19490	17420		

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Size	Rec. Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/SI	Infl. Pres.	Recommended Load (kg) (lbs)							
		SW	OD					Speed (kmph) (mph)							
		mm	mm	Constant Load					Cyclic Applications						
		Inch	Inch	mm	mm			mm	mm	mm	mm	kg	kg		
		psi	Static	10	25			30	40	50	10	15			
440/80R28 (16.9R28) SB	DW14L	441	1415	646	4232	163 A8/B	3.0	8810	4790	4060	3980	3830	3830	5750	5130
							44	19410	10550	8940	8770	8440	8440	12670	11300
							3.2	9290	5050	4280	4200	4040	4040	6060	5410
							46	20460	11120	9430	9250	8900	8900	13350	11920
							3.6	10260	5580	4730	4640	4460	4460	6690	5980
							52	22600	12290	10420	10220	9820	9820	14740	13170
	17.4	55.7	25.4	166.6	3.8		10760	5850	4980	4870	4680	4680	7020	6270	
					55		23700	12890	10970	10730	10310	10310	15460	13810	
					4		11210	6090	5170	5070	4875	4875	7310	6530	
					58		24690	13410	11390	11170	10740	10740	16100	14380	
					4.2		---	---	---	---	---	---	5100	7650	6830
					61		---	---	---	---	---	---	11230	16850	15040
					4.4		---	---	---	---	---	---	5310	7970	7120
					64		---	---	---	---	---	---	11700	17560	15680

Note: SB – Steel Belted

Note: All tyres confirm to ETRTO standards

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