



# MIR 221

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## New Product Release Document

Marketing Department.

Oct 6, 2022

This document is created to register the marketing communication collaterals and process details for the launch of the above-mentioned pattern; it is intended for internal circulation and approval for further dissemination. All facts and figures mentioned in the document are true to the best of our knowledge as on the above said date, for updated information please feel free to visit the website [www.ascensotyres.com](http://www.ascensotyres.com)

New Product Release Document

List of Sizes

**Release Month: Oct' 22**

**Brand: ASCENSO**

**Tread Pattern : MIR 221**

**Tyre Construction: Radial**

**Type: Tube Less**

**Main Applications:** Compact wheel Loader, backhoe Loader, Telescopic Handler

**TRA Code : R-4**

Sizes	PR/ LI/SI
340/80R18	143 A8/B
460/70R24 STEEL BELTED	159A8/B
500/70R24 STEEL BELTED	167A8/B
480/80R26	167A8/B
440/80R28 STEEL BELTED	163A8/B



## Salient Features

- Robust Steel Belted Design
- Optimised Tread Design
- Provides high durability and grip
- Enhanced Carcass- stability for both On and Off-road operations



# Technical Specification

Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	Load Index / Speed Index	Inflation Pressure	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm	mm					Constant Load					Cyclic Applications			
								10	25	30	40	50	10	15		
in	in	in	in	in	in	bar	Static	6	16	19	25	31	6	9		
340/80R18	W11	343 13.5	1001 39.4	453 17.8	2994 117.9	143 A8/B	3.0	4850	2640	2240	2190	2110	2110	3170	2830	
							44	10680	5810	4930	4820	4650	4650	6980	6230	
							3.2	5130	2790	2360	2320	2230	2230	3350	2990	
							46	11300	6150	5200	5110	4910	4910	7380	6590	
							3.6	5660	3080	2610	2560	2460	2460	3690	3300	
							52	12470	6780	5750	5640	5420	5420	8130	7270	
							3.8	5930	3230	2750	2680	2580	2580	3870	3460	
							55	13060	7110	6060	5900	5680	5680	8520	7620	
							4	6270	3410	2890	2830	2725	2725	4090	3650	
							58	13810	7510	6370	6230	6000	6000	9010	8040	
							4.2	---	---	---	---	---	---	2810	4220	3770
							61	---	---	---	---	---	---	6190	9300	8300
							4.4	---	---	---	---	---	---	2930	4400	3930
64	---	---	---	---	---	---	6450	9690	8660							
460/70R24	DW15L	465 18.3	1254 49.4	571 22.5	3750 147.6	159 A8/B	3.0	7820	4250	3600	3540	3400	3400	5100	4560	
							44	17220	9360	7930	7800	7490	7490	11230	10040	
							3.2	8260	4490	3810	3730	3590	3590	5390	4810	
							46	18190	9890	8390	8220	7910	7910	11870	10590	
							3.6	9130	4960	4210	4130	3970	3970	5960	5320	
							52	20110	10930	9270	9100	8740	8740	13130	11720	
							3.8	9570	5200	4430	4330	4160	4160	6240	5570	
							55	21080	11450	9760	9540	9160	9160	13740	12270	
							4	10060	5470	4640	4550	4375	4375	6560	5860	
							58	22160	12050	10220	10020	9640	9640	14450	12910	
							4.2	---	---	---	---	---	---	4540	6810	6080
							61	---	---	---	---	---	---	10000	15000	13390
							4.4	---	---	---	---	---	---	4730	7100	6340
64	---	---	---	---	---	---	10420	15640	13960							
500/70R24	DW16L	503 19.8	1310 51.6	594 23.4	3918 154.3	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	
							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							

**Note:** All tyres confirm to ETRTO standards

Figures in bold are the recommended specification

Ascenso is a new-age off-highway tyre brand that caters to three key global segments: Agriculture, Industrial & Construction and Earthmover

Mahansaria Tyres Pvt. Ltd.

612, 6<sup>th</sup> Floor, Maker Chambers IV, Nariman Point, Mumbai 400021, Maharashtra, India

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		SW	OD					Speed, km/h (mph)							
		mm	mm					Constant Load					Cyclic Applications		
								10	25	30	40	50	10	15	
in	in	in	in	in	in	in	in	in	in						
480/80R26	DW15L	479 18.9	1428 56.2	647 25.5	4271 168.1	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	10900	16370	14600
							3.8	11940	6490	5530	5400	5190	5190	7790	6950
							55	26300	14300	12180	11890	11430	11430	17160	15310
							4	12540	6810	5780	5670	5450	5450	8180	7300
							58	27620	15000	12730	12490	12000	12000	18020	16080
							4.2	---	---	---	---	---	5660	8490	7580
							61	---	---	---	---	---	12470	18700	16700
							4.4	---	---	---	---	---	5900	8850	7910
							64	---	---	---	---	---	13000	19490	17420
440/80R28	DW14L	441 17.4	1415 55.7	646 25.4	4232 166.6	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
							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

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