



TDB 121

Product Data Sheet

Marketing Department.

December 28, 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 is 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

Release Month: December'22

Brand: ASCENSO

Tread Pattern : TDB 121

Tyre Construction: Bias

Type: Tube Type

Main Applications: 2WD Tractor

TRA Code : R-1W+

List of Sizes

Size	PR
5-12	6
6-12	6
6-14	4
9.5-18	8
8.3-20	8
9.5-20	8
9.5-24	8
12.4-24	8
14.9-28	12



Salient Features

- Optimized Lug distribution to support **excellent traction and self-cleaning for puddling operation**
- Better inner volume to give **higher traction in wet & moist soil conditions**
- Good lateral traction gives **operational stability**



Technical Specification

Size	Rim Width (inch)	Unloaded Dimension		Loaded Static Radius	Rolling Circumference	PR LOAD INDEX / SPEED SYMBOL	Inflation Pressure	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm	mm					10	15	20	25	30	40
		inch	inch					6	9	12	16	19	25
5-12	4JA	127 5	528 20.7	244 9.6	1579 62.1	6PR 64A6 60A8	2	280	260	240	210	200	180
							29	620	570	530	460	440	400
							2.5	320	300	280	250	230	210
							36	700	660	620	550	510	460
							3	360	340	310	280	260	230
							44	790	750	680	620	570	510
							3.5	390	360	340	300	280	250
6-12	5JA	155 6.10	577 22.7	265 10.4	1726 67.9	6PR 71A6 67A8	1.6	360	340	310	280	260	230
							23	790	750	680	620	570	510
							2	420	390	360	320	300	270
							29	920	860	790	700	660	590
							2.4	460	430	400	350	330	300
							35	1010	950	880	770	730	660
							2.6	480	450	410	370	345	310
6-14	5JA	155 6.10	627 24.6	290 11.4	1875 73.8	4PR 66A6 63A8	0.8	250	230	220	190	180	160
							12	550	510	480	420	400	350
							1.2	320	300	280	250	230	210
							17	700	660	620	550	510	460
							1.6	380	350	320	290	270	240
							23	840	770	700	640	590	530
							1.9	420	390	360	320	300	270
							28	920	860	790	700	660	590

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, 6th Floor, Maker Chambers IV, Nariman Point, Mumbai 400021, Maharashtra, India

T: +91 22 4348 1600 Website: www.ascensotyres.com

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		SW	OD					Speed, km/h (mph)								
		mm	mm					mm	mm	Bar	10	15	20	25	30	40
		inch	inch					inch	inch	Psi	6	9	12	16	19	25
9.5-18	W8	241 9.48	900 35.4	411 16.18	2692 105.9	8PR 105A6 101A8	2	1020	950	880	780	730	660			
							29	2240	2090	1940	1720	1610	1450			
							2.4	1130	1050	970	870	810	730			
							35	2490	2310	2130	1910	1780	1610			
							2.8	1250	1160	1070	950	890	800			
							41	2750	2550	2350	2090	1960	1760			
							3	1300	1200	1110	990	925	830			
8.3-20	W7	211 8.30	892 35.1	412 16.2	2668 105	8PR 101A6 98A8	2	870	810	740	660	620	560			
							29	1910	1780	1630	1450	1360	1230			
							2.4	970	900	830	740	690	620			
							35	2130	1980	1830	1630	1520	1360			
							2.8	1060	990	910	810	760	680			
							41	2330	2180	2000	1780	1670	1500			
							3.2	1160	1070	990	880	825	740			
9.5-20	W8	241 9.48	955 37.5	438 17.24	2856 112.4	8PR 107A6 103A8	1.6	980	910	840	750	700	630			
							23	2160	2000	1850	1650	1540	1390			
							2	1120	1040	960	860	800	720			
							29	2460	2290	2110	1890	1760	1580			
							2.4	1250	1160	1070	950	890	800			
							35	2750	2550	2350	2090	1960	1760			
							2.8	1370	1270	1170	1040	975	880			
41	3010	2790	2570	2290	2150	1940										

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		SW	OD					Speed, km/h (mph)								
		mm	mm					mm	mm	Bar	10	15	20	25	30	40
		inch	inch					inch	inch	Psi	6	9	12	16	19	25
9.5-24	W8	241 9.4	1050 41.3	486 19	3140 123.6	8PR 111A6 108A8	1.6	1110	1030	950	850	790	710			
							23	2440	2270	2090	1870	1740	1560			
							2	1260	1170	1080	960	900	810			
							29	2770	2570	2380	2110	1980	1780			
							2.4	1400	1300	1200	1070	1000	900			
							35	3080	2860	2640	2350	2200	1980			
							2.8	1530	1420	1310	1170	1090	980			
41	3370	3120	2880	2570	2400	2160										
12.4-24	W11	315 12.40	1160 45.66	532 20.94	3469 136.5	8PR 120A6 117A8	1.2	1330	1240	1140	1020	950	860			
							17	2930	2730	2510	2240	2090	1890			
							1.6	1580	1470	1360	1210	1130	1020			
							23	3480	3230	2990	2660	2490	2240			
							2	1810	1680	1550	1380	1290	1160			
							29	3980	3700	3410	3040	2840	2550			
							2.3	1960	1820	1680	1500	1400	1260			
33	4310	4000	3700	3300	3080	2770										
14.9-28	W13	378 14.8	1370 53.9	627 24.6	4097 161.2	12PR 137A6 133A8	1.6	2440	2260	2090	1860	1740	1570			
							23	5370	4970	4600	4090	3830	3450			
							2	2770	2570	2380	2120	1980	1780			
							29	6090	5650	5240	4660	4360	3920			
							2.2	2930	2720	2510	2240	2090	1880			
							32	6450	5980	5520	4930	4600	4140			
							2.6	3220	2990	2760	2460	2300	2070			
38	7080	6580	6070	5410	5060	4550										

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