



TSB 111

New Product Release Document

Marketing Department.
December 20, 2020

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

New Product Release Document

Release Month: December'20

Brand: ASCENSO

Tread Pattern : TSB 111

Tyre Construction: Bias

Type: Tube Type

Main Applications: 2 WD Tractor

TRA Code : F-2

List of Sizes

Size	PR
4.50-16	6
5.50-16	6
6.00-16	8
6.50-16	8
7.50-16	8
7.50-18	8
6.00-19	8
6.50-20	8
7.50-20	8



Salient Features

Unique Dumbbell Pattern:

Reduces block tearing & shoulder block deformation

Strong Nylon Carcass:

Provides stability to the machine & ensures durability

Special Tread Compound:

Provides longer tyre life
Resistance to puncture



Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h(mph)					
								Mixed Application					
								Bar	Static	10	20	25	30
Psi	6	12	15	20	25								
4.50-16	3.00D	122 4.8	655 25.8	306 12.0	1959 77.2	6 PR 74 A8	2.2	750	500	340	320	280	250
							32	1650	1100	750	700	620	550
							2.6	840	560	380	360	310	280
							38	1850	1230	840	790	680	620
							3.0	900	600	410	380	330	300
							44	1980	1320	900	840	730	660
							4.5	1130	750	510	480	420	375
							65	2490	1650	1120	1060	930	830
5.50-16	4.00E	150 5.9	713 28.0	330 13.0	2133 84.0	6 PR 82 A8	2.2	1020	680	470	440	380	340
							32	2250	1500	1040	970	840	750
							2.6	1140	760	520	490	420	380
							38	2510	1670	1150	1080	930	840
							3.0	1230	820	560	520	460	410
							44	2710	1810	1230	1150	1010	900
							3.85	1430	950	650	610	530	475
							56	3150	2090	1430	1340	1170	1050

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h(mph)					
		mm	mm	Mixed Application									
		in	in	mm	mm		Bar	Static	10	20	25	30	40
mm	mm	in	in	Psi	6	12	15		20	25			
6.00-16	4.50E	165 6.5	739 29.0	341 13.4	2211 87.0	8 PR 91 A8	3.4	1560	1040	720	670	580	520
							49	3440	2290	1590	1480	1280	1150
							3.7	1650	1100	760	700	610	550
							54	3630	2420	1670	1540	1340	1210
							4.1	1740	1160	800	740	640	580
							59	3830	2560	1760	1630	1410	1280
							4.5	1850	1230	850	790	680	615
							65	4070	2710	1870	1740	1500	1350
6.50-16	4.50E	175 6.9	760 30.0	356 14.0	2274 89.5	8 PR 94 A8	3.2	1710	1140	790	730	630	570
							46	3770	2510	1740	1610	1390	1260
							3.5	1800	1200	830	770	670	600
							51	3960	2640	1830	1700	1480	1320
							3.8	1890	1260	870	810	700	630
							55	4160	2780	1920	1780	1540	1390
							4.2	2010	1340	920	860	740	670
							61	4430	2950	2030	1890	1630	1480

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h(mph)					
								Mixed Application					
								Bar	Static	10	20	25	30
Psi	6	12	15	20	25								
7.50-16	5.50F	203 8.0	808 31.8	369 14.5	2417 95.1	8 PR 99 A8	2.9	1950	1300	900	830	720	650
							42	4300	2860	1980	1830	1590	1430
							3.2	2070	1380	950	880	770	690
							46	4560	3040	2090	1940	1700	1520
							3.5	2190	1460	1010	930	810	730
							51	4820	3220	2220	2050	1780	1610
							3.85	2330	1550	1070	990	860	775
							56	5130	3410	2360	2180	1890	1710
7.50-18	5.50F	203 7.9	859 33.8	395 15.5	2570 101.2	8 PR 102 A8	2.9	2160	1440	990	920	800	720
							42	4760	3170	2180	2030	1760	1590
							3.2	2280	1520	1050	970	840	760
							46	5020	3350	2310	2140	1850	1670
							3.5	2400	1600	1110	1020	890	800
							51	5290	3520	2420	2250	1960	1760
							3.85	2550	1700	1170	1090	940	850
							56	5620	3740	2580	2400	2070	1870

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h(mph)					
								Mixed Application					
								Bar	Static	10	20	25	30
Psi	6	12	15	20	25								
6.00-19	4.50E	165 6.5	814 32.0	376 14.8	2435 95.8	8 PR 91 A8	2.9	1560	1040	720	670	580	520
							42	3440	2290	1590	1480	1280	1150
							3.2	1650	1100	760	700	610	550
							46	3630	2420	1670	1540	1340	1210
							3.5	1740	1160	800	740	640	580
							51	3830	2560	1760	1630	1410	1280
							3.85	1850	1230	850	790	680	615
							56	4070	2710	1870	1740	1500	1350
6.50-20	4.50F	175 6.8	865 34.0	397 15.6	2588 101.8	8 PR 93 A8	2.9	1650	1100	760	700	610	550
							42	3630	2420	1670	1540	1340	1210
							3.2	1740	1160	800	740	640	580
							46	3830	2560	1760	1630	1410	1280
							3.5	1830	1220	840	780	680	610
							51	4030	2690	1850	1720	1500	1340
							3.85	1950	1300	900	830	720	650
							56	4300	2860	1980	1830	1590	1430

Technical Specification

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h(mph)					
		mm	mm					Mixed Application					
		in	in					mm	mm	Bar	Static	10	20
in	in	in	in	Psi	6	12	15	20	25				
7.50-20	5.50F	205 8.0	915 36.0	420 16.5	2719 107.0	8 PR 105 A8	2.9	2340	1560	1080	1000	870	780
							42	5150	3440	2380	2200	1920	1720
							3.2	2490	1660	1150	1060	920	830
							46	5480	3660	2530	2330	2030	1830
							3.5	2610	1740	1200	1110	970	870
							51	5750	3830	2640	2440	2140	1920
							3.85	2780	1850	1280	1180	1030	925
							56	6120	4070	2820	2600	2270	2040

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

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