



**ALLIANCE
AGRICULTURE**

TRA: **I-3**
Speed Rating: **A8/B**

Alliance 328 Flotation tire is a specially designed tire constructed to carry heavy loads and is used in harsh conditions. It provides improved stability over dual-tire configuration. The tire also provides much better ride comfort, higher machine mobility, better self cleaning and better overall performances on road. 328 comes in Steel Belted, Fabric and Heavy Duty variants for different sizes. Test description.

IMPLEMENT - 400/55-22.5



Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar	Recommended Load							
								Speed							
								Drive wheel				Free rolling			
		SW mm	OD mm					10 kmph	25 kmph	40 kmph	50 kmph	10 kmph	25 kmph	40 kmph	50 kmph
400/55-22.5	13.00DC	401	1030	455	3100	8PR	1.5	1950	1650	1390	1250	2790	2370	1990	1790
						138A8↻ 134B↻ 125A8↻ 122B↻	1.8	2170	1840	1550	1400	3110	2640	2220	2000
							2	2310	1960	1650	1490	3300	2810	2360	2120
							2.7	3300	2800	2360	2130	3960	3370	2830	2540
						12PR	2.2	2480	2110	1770	1590	3500	2980	2500	2250
						146A8↻ 143B↻ 134A8↻ 130B↻	2.5	2670	2270	1910	1720	3780	3210	2700	2430
							3	2970	2520	2120	1910	4200	3570	3000	2700
							4.1	4250	3600	3030	2730	5040	4280	3600	3240
						16PR	3.2	3070	2610	2190	1970	4370	3710	3120	2810
						152A8↻ 149B↻ 140A8↻ 136B↻	3.6	3290	2800	2350	2120	4680	3970	3340	3010
							4	3500	2980	2500	2250	4970	4220	3550	3200
							5.5	5010	4260	3580	3220	5960	5060	4260	3840
						18PR	3	3090	2630	2210	1989	4410	3750	3150	2835
						154A8↻ 144A8↻	4	3650	3110	2610	2349	5220	4440	3730	3357
							4.5	3920	3330	2800	2520	5600	4760	4000	3600

Size	Rim	Unloaded Dimension		Loaded Static radius mm	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar	Recommended Load							
								Speed							
								Drive Wheel				Free Rolling			
		SW mm	OD mm					10 kmph	25 kmph	40 kmph	50 kmph	10 kmph	25 kmph	40 kmph	50 kmph
400/55-22.5	13.00DCx22.5	401	1030	455	3100	16PR	0.8	1360	1150	970	873	1950	1650	1390	1250
							1.6	2040	1740	1460	1314	2910	2480	2080	1870
						152A8 140A8	2.4	2590	2200	1850	1665	3700	3140	2640	2380
							3.2	3070	2610	2190	1971	4370	3710	3120	2810
							4	3500	2980	2500	2250	4970	4220	3550	3200

Highlighted rows indicate cyclic high load variations. Note: For above mentioned size 8 PR and 12 PR are no longer active for production. 1) When tires equip vehicles subject to haulage cyclic high load variations excluding transport application on long distances, i.e. vehicles used on round trips (e.g. from field to farm) where on one way the vehicle is empty & on the other way the gross vehicle mass exceeds two times the mass of empty vehicle (last two rows in the table). 2) When fitted on tractor steering wheels load capacities are 80% of free rolling and inflation pressure 20% higher. 3) For 10 KM/H and stationary use inflation pressure raised 20% and 25% respectively. 4) Load for intermediate speed should be taken as an average between two close speeds 5) Load at lower speed than 10km/h may be similar to the load for 10km/h. 6) Size with # is available in C marked which is best fit for sugarcane application.