

PRODUCT DATA SHEET

VDR 900

Tyre Construction: Radial

Type: Tube Less

Main Applications: Sprayer & Tractor

TRA Code: R-1W



Salient Features:

- Built to handle 40% more load than a conventional radial tire, or the same load at 40% lower pressure.
- VF tires with stronger lugs with larger Contact Patch gives Excellent traction with self-cleaning characteristics which decreases slippage, delivers lower fuel consumption, and increases overall productivity.
- Steel Belts offers Puncture Protection and distributes uniform ground pressure which helps less soil compaction and less crop damage.
- Reinforced sidewalls and bead zones offer increased casing stiffness to carry extra load.
- The more radially stiffer tyre makes it possible to transition from field to road and vice versa without adjusting the pressure. At the reduced pressure required for field use, the tyre can also run at full speed on the road yet deliver the same fuel efficiencies as a standard tyre at road pressure.



Technical Data



Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	PR & LI/SI	Inflation Pressure	Recommended load (kg) (lbs)					
		SW	OD					Speed (kmph) (mph)					
		mm	mm	mm	mm		bar	10	25	30	40	50	65
		inch	inch	inch	inch		Psi	6	16	19	25	31	40
VF580/85R42 (SB)	DW20B	595	2040	935	6126	183 D	1.0	5430	5090	5040	4940	4940	4940
							15	11960	11210	11100	10880	10880	10880
							1.2	6110	5720	5660	5550	5550	5550
							17	13460	12600	12470	12220	12220	12220
							1.6	7470	6990	6930	6790	6790	6790
							23	16450	15400	15260	14960	14960	14960
	23.4	80.3	36.8	241.2	2.0		8200	7670	7600	7450	7450	7450	
					29		18060	16890	16740	16410	16410	16410	
					2.4		8720	8170	8090	7930	7930	7930	
					35		19210	18000	17820	17470	17470	17470	
					2.8		9630	9010	8930	8750	8750	8750	
					41		21210	19850	19670	19270	19270	19270	
VF380/90R46 (SB)	W13	383	1852	866	5561	173 D	1.0	3120	2930	2900	2840	2840	2840
							15	6870	6450	6390	6260	6260	6260
							1.6	4290	4020	3980	3900	3900	3900
							23	9450	8850	8770	8590	8590	8590
							2.0	4710	4410	4370	4280	4280	4280
							29	10370	9710	9630	9430	9430	9430
							2.4	5020	4700	4650	4560	4560	4560
							35	11060	10350	10240	10040	10040	10040
							2.8	5500	5150	5100	5000	5000	5000
	15.1	72.9	34.1	219.0	41		12110	11340	11230	11010	11010	11010	
					3.2		5930	5550	5500	5390	5390	5390	
					46		13060	12220	12110	11870	11870	11870	
					3.6		6330	5920	5870	5750	5750	5750	
					52		13940	13040	12930	12670	12670	12670	
					4.0		6670	6240	6180	6060	6060	6060	
					58		14690	13740	13610	13350	13350	13350	
					4.4		7150	6700	6630	6500	6500	6500	
					64		15750	14760	14600	14320	14320	14320	

Mahansaria Tyres Pvt. Ltd.

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Technical Data



Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	PR & LI/SI	Inflation Pressure	Recommended load (kg) (lbs)						
		SW	OD					Speed (kmph) (mph)						
		mm	mm					10	25	30	40	50	65	
		inch	inch					6	16	19	25	31	40	
VF520/85R46 (SB)	DW18L	530	2052	949	6162	173 D	1.0	4760	4460	4420	4330	4330	4330	
							15	10480	9820	9740	9540	9540	9540	
							1.2	5360	5020	4970	4870	4870	4870	
							17	11810	11060	10950	10730	10730	10730	
	20.9	80.8	37.4	242.6	1.6		6560	6140	6080	5960	5960	5960		
					23		14450	13520	13390	13130	13130	13130		
					2		7150	6700	6630	6500	6500	6500		
					29		15750	14760	14600	14320	14320	14320		
VF320/90R50 (SB)	W11	323	1846	873	5543	169 D	1.0	2540	2380	2360	2310	2310	2310	
							15	5590	5240	5200	5090	5090	5090	
							1.6	3490	3270	3230	3170	3170	3170	
							23	7690	7200	7110	6980	6980	6980	
							2.0	3830	3580	3550	3480	3480	3480	
							29	8440	7890	7820	7670	7670	7670	
							2.4	4080	3820	3780	3710	3710	3710	
							35	8990	8410	8330	8170	8170	8170	
	12.7	72.7	34.4	218.2	2.8		4470	4180	4140	4060	4060	4060		
					41		9850	9210	9120	8940	8940	8940		
					3.6		5140	4810	4760	4670	4670	4670		
					52		11320	10590	10480	10290	10290	10290		
					4.4		5890	5510	5460	5350	5350	5350		
					64		12970	12140	12030	11780	11780	11780		
					4.8		6380	5970	5920	5800	5800	5800		
					70		14050	13150	13040	12780	12780	12780		

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		SW	OD					Speed (kmph) (mph)					
		mm	mm					10	25	30	40	50	65
		inch	inch					bar	Psi	6	16	19	25
VF380/90R50 (SB)	W13	383	1954	917	5868	175 D	1.0	3270	3060	3030	2970	2970	2970
							15	7200	6740	6670	6540	6540	6540
							1.6	4490	4200	4160	4080	4080	4080
							23	9890	9250	9160	8990	8990	8990
							2.0	4920	4600	4560	4470	4470	4470
							29	10840	10130	10040	9850	9850	9850
							2.4	5250	4910	4870	4770	4770	4770
							35	11560	10810	10730	10510	10510	10510
	15.1	76.9	36.1	231.0	2.8		5740	5380	5320	5220	5220	5220	
					41		12640	11850	11720	11500	11500	11500	
					3.2		6190	5800	5740	5630	5630	5630	
					46		13630	12780	12640	12400	12400	12400	
					3.6		6610	6190	6130	6010	6010	6010	
					52		14560	13630	13500	13240	13240	13240	
					4.4		7590	7110	7040	6900	6900	6900	
					64		16720	15660	15510	15200	15200	15200	
VF480/80R50 (SB)	DW16L	479	2038	952	6120	179 D	1.0	4180	3910	3880	3800	3800	3800
							15	9210	8610	8550	8370	8370	8370
							1.6	5750	5390	5330	5230	5230	5230
							23	12670	11870	11740	11520	11520	11520
							2.0	6310	5910	5850	5740	5740	5740
							29	13900	13020	12890	12640	12640	12640
							2.4	6720	6290	6230	6110	6110	6110
							35	14800	13850	13720	13460	13460	13460
	18.9	80.2	37.5	240.9	2.8		7370	6900	6830	6700	6700	6700	
					41		16230	15200	15040	14760	14760	14760	
					3.2		7950	7450	7370	7230	7230	7230	
					46		17510	16410	16230	15930	15930	15930	
					3.6		8530	7980	7910	7750	7750	7750	
					52		18790	17580	17420	17070	17070	17070	

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		SW	OD					Speed (kmph) (mph)					
		mm	mm					10	25	30	40	50	65
		inch	inch					bar	Psi	6	16	19	25
VF320/90R54 (SB)	W11	323	1948	924	5850	168 D	1.0	2650	2480	2460	2410	2410	2410
							15	5840	5460	5420	5310	5310	5310
							1.6	3640	3410	3380	3310	3310	3310
							23	8020	7510	7440	7290	7290	7290
							2.0	3990	3740	3700	3630	3630	3630
							29	8790	8240	8150	8000	8000	8000
							2.4	4260	3990	3950	3870	3870	3870
	35	9380	8790	8700	8520		8520	8520					
	2.8	4660	4370	4320	4240		4240	4240					
	41	10260	9630	9520	9340		9340	9340					
	3.2	5030	4710	4660	4570		4570	4570					
	46	11080	10370	10260	10070		10070	10070					
	3.6	5360	5020	4970	4870		4870	4870					
	52	11810	11060	10950	10730		10730	10730					
4.4	6160	5770	5710	5600	5600	5600							
64	13570	12710	12580	12330	12330	12330							
		12.7	76.7	36.4	230.3								

Note: SB - Steel Belted

Note: All tyres confirm to ETRTO standards

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