



AR 800

The Tigertrac AR 800 R-1W is a range of radial tyres designed for use in tractors use for agriculture both in the field and in transport applications. The Ideally angled R-1W treads provide excellent traction and self-cleaning in wet field conditions.

The optimally spaced lugs, with thick nose bars and good overlap in the centreline provide smooth performance on hard surfaces. Enabling better handling. The wide base of lug provides exceptional stability and longevity. Built for modern tractors, the Tigertrac R-1W range has tyres rated for D speed (65 kph), enabling machines to be quicker and more efficient while being used for transporting agriculture goods and farm produce.



TRA Code



Speed Index



Tractor MFWD



Tractor 4WD

Size	Rim (Rec. in Bold)	Unloaded Dimension		Loaded Static radius	Rolling circ. RCI	Load Index Speed symbol	Infl. press	Speed, km/h (mph)										Cyclic operation (*)		
		SW	OD					Recommended load, kg (lbs)												
		mm	mm	Not high and sustained torque; Road transport																
		in	in	Static	10			20	25	30	40	50	65	70	bar	10	15			
				psi	6	12	16	19	25	31	40	44	psi	6	9					
250/85R20	W7	250 9.8	940 37.0	426 16.8	2810 110.6	33	0.8	1380	900	740	710	690	660	630	600	550	1.0	1020	930	
							12	3040	1980	1630	1560	1520	1450	1390	1320	1210	15	2250	2050	
	1.2						1780	1160	950	920	890	850	810	775	710	1.5	1320	1200		
	17						3920	2560	2090	2030	1960	1870	1780	1710	1560	22	2910	2640		
	1.6						2190	1430	1170	1130	1090	1040	1000	950	860	2.0	1615	1475		
	23						4820	3150	2580	2490	2400	2290	2200	2090	1890	29	3560	3250		
	2.0						2580	1680	1380	1330	1290	1230	1180	1120	1020	2.5	1905	1735		
	29						5680	3700	3040	2930	2840	2710	2600	2470	2250	36	4200	3820		
	116D						2.4	2880	1880	1540	1480	1440	1360	1310	1250	1140	3.0	2125	1940	
	119A8						35	6340	4140	3390	3260	3170	3000	2890	2750	2510	44	4680	4270	
280/85R20	W10	292 11.5	984 38.7	439 17.3	2904 114.3	34	0.8	1630	1070	870	840	820	780	750	710	650	1.0	1205	1100	
							12	3590	2360	1920	1850	1810	1720	1650	1560	1430	15	2650	2420	
	1.0						1840	1200	980	950	920	880	840	800	730	1.3	1360	1240		
	15						4050	2640	2160	2090	2030	1940	1850	1760	1610	18	3000	2730		
	1.2						2130	1390	1140	1100	1060	1010	970	925	840	1.5	1575	1435		
	17						4690	3060	2510	2420	2330	2220	2140	2040	1850	22	3470	3160		
	1.4						2370	1550	1270	1220	1180	1130	1080	1030	940	1.8	1750	1595		
	20						5220	3410	2800	2690	2600	2490	2380	2270	2070	25	3850	3510		
	112D						1.6	2580	1680	1380	1330	1290	1215	1180	1120	1020	2.0	1905	1735	
	115A8						23	5680	3700	3040	2930	2840	2680	2600	2470	2250	29	4200	3820	
280/85R20	W10	292 11.5	984 38.7	439 17.3	2904 114.3	34	0.8	1630	1070	870	840	820	780	750	710	650	1.0	1205	1100	
							12	3590	2360	1920	1850	1810	1720	1650	1560	1430	15	2650	2420	
	1.0						1840	1200	980	950	920	880	840	800	730	1.3	1360	1240		
	15						4050	2640	2160	2090	2030	1940	1850	1760	1610	18	3000	2730		
	1.2						2130	1390	1140	1100	1060	1010	970	925	840	1.5	1575	1435		
	17						4690	3060	2510	2420	2330	2220	2140	2040	1850	22	3470	3160		
	1.4						2370	1550	1270	1220	1180	1130	1080	1030	940	1.8	1750	1595		
	20						5220	3410	2800	2690	2600	2490	2380	2270	2070	25	3850	3510		
	112D						1.6	2580	1680	1380	1330	1290	1215	1180	1120	1020	2.0	1905	1735	
	125A8						23	5680	3700	3040	2930	2840	2680	2600	2470	2250	29	4200	3820	
320/85R20	W10	333 13.1	1055 41.5	475 18.7	3118 122.8	35	0.8	2010	1310	1080	1040	1010	960	920	875	800	1.0	1490	1355	
							12	4430	2890	2380	2290	2220	2110	2030	1930	1760	15	3280	2980	
	1.0						2300	1500	1230	1190	1150	1100	1050	1000	910	1.3	1700	1550		
	15						5070	3300	2710	2620	2530	2420	2310	2200	2000	18	3740	3410		
	1.2						2580	1680	1380	1330	1290	1230	1180	1120	1020	1.5	1905	1735		
	17						5680	3700	3040	2930	2840	2710	2600	2470	2250	22	4200	3820		
	1.4						2880	1880	1540	1480	1440	1370	1310	1250	1140	1.8	2125	1940		
	20						6340	4140	3390	3260	3170	3020	2890	2750	2510	25	4680	4270		
	119D						1.6	3130	2040	1670	1610	1560	1500	1430	1360	1240	2.0	2310	2110	
	122A8						23	6890	4490	3680	3550	3440	3300	3150	3000	2730	29	5090	4650	
250/85R24	W7	250 9.8	1035 40.7	473 18.6	3040 119.7	34	0.8	1500	980	800	770	750	710	680	650	590	1.0	1105	1010	
							12	3300	2160	1760	1700	1650	1560	1500	1430	1300	15	2430	2220	
	1.0						1730	1130	920	890	860	820	790	750	680	1.3	1275	1165		
	15						3810	2490	2030	1960	1890	1810	1740	1650	1500	18	2810	2570		
	1.2						1960	1280	1050	1010	980	930	890	850	770	1.5	1445	1320		
	17						4320	2820	2310	2220	2160	2050	1960	1870	1700	22	3180	2910		
	1.4						2130	1390	1140	1100	1060	1010	970	925	840	1.8	1575	1435		
	20						4690	3060	2510	2420	2330	2220	2140	2040	1850	25	3470	3160		
	109D						1.6	2370	1550	1270	1220	1180	1120	1080	1030	940	2.0	1750	1595	
	112A8						23	5220	3410	2800	2690	2600	2470	2380	2270	2070	29	3850	3510	

AR 800 (contd)

Size	Rim (Rec. in Bold)	Unloaded Dimension		Loaded Static radius	Rolling circ. RCI	Load Index Speed symbol	Infl. press	Speed, km/h (mph)										Cyclic operation (*)		
		SW	OD					Recommended load, kg (lbs)												
		mm	mm					Not high and sustained torque; Road transport												
		in	in					mm	mm	bar	Static	10	20	25	30	40	50	65	70	bar
				psi		6	12	16	19	25	31	40	44	psi	6	9				
280/85R24	W9 W10	305 12.0	1090 42.9	508 20.0	3280 129.1	36	0.8	1780	1160	950	920	890	850	810	775	710	1.0	1320	1200	
							12	3920	2560	2090	2030	1960	1870	1780	1710	1560	15	2910	2640	
							1.0	2010	1310	1080	1040	1010	960	920	875	800	1.3	1490	1355	
							15	4430	2890	2380	2290	2220	2110	2030	1930	1760	18	3280	2980	
							1.2	2300	1500	1230	1190	1150	1100	1050	1000	910	1.5	1700	1550	
							17	5070	3300	2710	2620	2530	2420	2310	2200	2000	22	3740	3410	
							1.4	2580	1680	1380	1330	1290	1230	1180	1120	1020	1.8	1905	1735	
							20	5680	3700	3040	2930	2840	2710	2600	2470	2250	25	4200	3820	
							115D	1.6	2790	1820	1490	1440	1400	1320	1280	1215	1110	2.0	2065	1885
							118A8	23	6150	4010	3280	3170	3080	2910	2820	2680	2440	29	4550	4150
320/85R24	W10 W11 DW10 DW11	335 13.2	1154 45.4	530 20.9	3398 133.8	37	0.8	2190	1430	1170	1130	1090	1040	1000	950	860	1.0	1615	1475	
							12	4820	3150	2580	2490	2400	2290	2200	2090	1890	15	3560	3250	
							1.0	2510	1640	1340	1290	1250	1190	1140	1090	990	1.3	1855	1690	
							15	5530	3610	2950	2840	2750	2620	2510	2400	2180	18	4090	3720	
							1.2	2790	1820	1490	1440	1400	1330	1280	1215	1110	1.5	2065	1885	
							17	6150	4010	3280	3170	3080	2930	2820	2680	2440	22	4550	4150	
							1.4	3130	2040	1670	1610	1560	1490	1430	1360	1240	1.8	2310	2110	
							20	6890	4490	3680	3550	3440	3280	3150	3000	2730	25	5090	4650	
							122D	1.6	3450	2250	1850	1780	1730	1650	1580	1500	1370	2.0	2550	2325
							125A8	23	7600	4960	4070	3920	3810	3630	3480	3300	3020	29	5620	5120
340/85R24	W11 W12 DW11 DW12	358 14.1	1188 46.8	550 21.7	3543 139.5	37	0.8	2370	1550	1270	1220	1180	1130	1080	1030	940	1.0	1750	1595	
							12	5220	3410	2800	2690	2600	2490	2380	2270	2070	15	3850	3510	
							1.0	2710	1770	1450	1400	1360	1290	1240	1180	1070	1.3	2005	1830	
							15	5970	3900	3190	3080	3000	2840	2730	2600	2360	18	4420	4030	
							1.2	3040	1980	1620	1560	1520	1450	1390	1320	1200	1.5	2245	2045	
							17	6700	4360	3570	3440	3350	3190	3060	2910	2640	22	4940	4500	
							1.4	3450	2250	1850	1780	1730	1640	1580	1500	1370	1.8	2550	2325	
							20	7600	4960	4070	3920	3810	3610	3480	3300	3020	25	5620	5120	
							125D	1.6	3800	2480	2030	1960	1900	1800	1730	1650	1500	2.0	2805	2560
							128A8	23	8370	5460	4470	4320	4190	3960	3810	3630	3300	29	6180	5640
380/85R24	W11 W12 W13	385 15.2	1260 49.6	569 22.4	3717 146.3	38	0.8	2880	1880	1540	1480	1440	1370	1310	1250	1140	1.0	2125	1940	
							12	6340	4140	3390	3260	3170	3020	2890	2750	2510	15	4680	4270	
							1.0	3220	2100	1720	1660	1610	1530	1470	1400	1270	1.3	2380	2170	
							15	7090	4630	3790	3660	3550	3370	3240	3080	2800	18	5240	4780	
							1.2	3680	2400	1970	1900	1840	1750	1680	1600	1460	1.5	2720	2480	
							17	8110	5290	4340	4190	4050	3850	3700	3520	3220	22	5990	5460	
							1.4	4030	2630	2150	2070	2010	1920	1840	1750	1590	1.8	2975	2715	
							20	8880	5790	4740	4560	4430	4230	4050	3850	3500	25	6550	5980	
							131D	1.6	4490	2930	2400	2310	2240	2120	2050	1950	1770	2.0	3315	3025
							134A8	23	9890	6450	5290	5090	4930	4670	4520	4300	3900	29	7300	6660
420/85R24	W13 W14L W15L	440 17.3	1328 52.3	604 23.8	3898 153.5	39	0.8	3340	2180	1780	1720	1670	1590	1520	1450	1320	1.0	2465	2250	
							12	7360	4800	3920	3790	3680	3500	3350	3190	2910	15	5430	4960	
							1.0	3800	2480	2030	1960	1900	1810	1730	1650	1500	1.3	2805	2560	
							15	8370	5460	4470	4320	4190	3990	3810	3630	3300	18	6180	5640	
							1.2	4260	2780	2280	2190	2130	2030	1940	1850	1680	1.5	3145	2870	
							17	9380	6120	5020	4820	4690	4470	4270	4070	3700	22	6930	6320	
							1.4	4740	3090	2530	2440	2370	2260	2160	2060	1870	1.8	3500	3195	
							20	10440	6810	5570	5370	5220	4980	4760	4540	4120	25	7710	7040	
							137D	1.6	5290	3450	2830	2730	2650	2500	2420	2300	2090	2.0	3910	3565
							140A8	23	11650	7600	6230	6010	5840	5510	5330	5070	4600	29	8610	7850
250/85R28*	-						112D													
280/85R28*	-						120D													
320/85R28	W9 W10 W11	1260 49.6	330 13.0	575 22.6	3727 146.7	38	0.8	2370	1550	1270	1220	1180	1130	1080	1030	940	1.0	1750	1595	
							12	5220	3410	2800	2690	2600	2490	2380	2270	2070	15	3850	3510	
							1.0	2710	1770	1450	1400	1360	1290	1240	1180	1070	1.3	2005	1830	
							15	5970	3900	3190	3080	3000	2840	2730	2600	2360	18	4420	4030	
							1.2	3040	1980	1620	1560	1520	1450	1390	1320	1200	1.5	2245	2045	
							17	6700	4360	3570	3440	3350	3190	3060	2910	2640	22	4940	4500	
							1.4	3340	2180	1780	1720	1670	1590	1520	1450	1320	1.8	2465	2250	
							20	7360	4800	3920	3790	3680	3500	3350	3190	2910	25	5430	4960	
							124D	1.6	3680	2400	1970	1900	1840	1750	1680	1600	1460	2.0	2720	2480
							127A8	23	8110	5290	4340	4190	4050	3850	3700	3520	3220	29	5990	5460
340/85R28	W11 DW11 W12 DW12	375 14.8	1293 50.9	585 23.0	3849 151.5	39	0.8	2580	1680	1380	1330	1290	1230	1180	1120	1020	1.0	1905	1735	
							12	5680	3700	3040	2930	2840	2710	2600	2470	2250	15	4200	3820	
							1.0	2960	1930	1580	1520	1480	1410	1350	1285	1170	1.3	2185	1990	
							15	6520	4250	3480	3350	3260	3110	2970	2830	2580	18	4810	4380	
							1.2	3340	2180	1780	1720	1670	1590	1520	1450	1320	1.5	2465	2250	
							17	7360	4800	3920	3790	3680	3500	3350	3190	2910	22	5430	4960	
							1.4	3680	2400	1970	1900	1840	1750	1680	1600	1460	1.8	2720	2480	
							20	8110	5290	4340	4190	4050	3850	3700	3520	3220	25	5990	5460	
							127D	1.6	4030	2630	2150	2070	2010	1900	1840	1750	1590	2.0	2980	2710
							130A8	23	8880	5790	4740	4560	4430	4190	4050	3850	3500	29	6560	5970
380/85R28	W11 W12 W13	385 15.2	1360 53.5	622 24.5	4025 158.5	40	0.8	1330	870	710	690	670	640	610	580	1320	1.0	985	900	
							12	2930	1920	1560	1520	1480	1410	1340	1280	2910	15	2170	1980	
							1.0	3800	2480	2030	1960	1900	1810	1730	1650	1500	1.3	2805	2560	
							15	8370	5460	4470	4320	4190	3990	3810	3630	3300	18	6180	5640	
							1.2	3910	2550	2090	2010	1960	1860	1790	1700	1550	1.5	2890	2635	
							17	8610	5620	4600	4430	4320	4100	3940	3740	3410	22	6370	5800	
							1.4	4370	2850	2340	2250	2190	2080	2000	1900	1730	1.8	3230	2945	
							20	9630	6280	5150	4960									

AR 800 (contd)

Size	Rim (Rec. in Bold)	Unloaded Dimension		Loaded Static radius	Rolling circ. RCI	Load Index Speed Symbol	Infl. press	Speed, km/h (mph)										Cyclic operation (*)		
		SW	OD					Recommended load, kg (lbs)												
		mm	mm					Not high and sustained torque; Road transport												
		in	in					mm	mm	bar	psi	Static	10	20	25	30	40	50	65	70
								6	12	16	19	25	31	40	44	psi	6	9		
380/85R30	W11 W12 W13	380	1408	633	4138	40	0.8	3130	2040	1670	1610	1560	1490	1430	1360	1240	1.0	2310	2110	
							12	6890	4490	3680	3550	3440	3280	3150	3000	2730	15	5090	4650	
							1.0	3570	2330	1910	1840	1780	1700	1630	1550	1410	1.3	2635	2405	
							15	7860	5130	4210	4050	3920	3740	3590	3410	3110	18	5800	5300	
							1.2	4030	2630	2150	2070	2010	1920	1840	1750	1590	1.5	2975	2715	
	135D 138A8	17	8880	5790	4740	4560	4430	4230	4050	3850	3500	22	6550	5980						
		1.4	4490	2930	2400	2310	2240	2140	2050	1950	1770	1.8	3315	3025						
		20	9890	6450	5290	5090	4930	4710	4520	4300	3900	25	7300	6660						
		1.6	5010	3270	2680	2510	2360	2290	2180	1980	2.0	3705	3380							
		23	11040	7200	5900	5680	5530	5200	5040	4800	4360	29	8160	7440						
420/85R30	W15L W14L W13	445	1488	675	4406	42	0.8	3680	2400	1970	1900	1840	1750	1680	1600	1460	1.0	2720	2480	
							12	8110	5290	4340	4190	4050	3850	3700	3520	3220	15	5990	5460	
							1.0	4260	2780	2280	2190	2130	2030	1940	1850	1680	1.3	3150	2870	
							15	9380	6120	5020	4820	4690	4470	4270	4070	3700	18	6940	6320	
							1.2	4740	3090	2530	2440	2370	2260	2160	2060	1870	1.5	3500	3190	
	140D 143A8	17	10440	6810	5570	5370	5220	4980	4760	4540	4120	22	7710	7030						
		1.4	5290	3450	2830	2730	2650	2520	2420	2300	2090	1.8	3910	3570						
		20	11650	7600	6230	6010	5840	5550	5330	5070	4600	25	8610	7860						
		1.6	5750	3750	3080	2960	2880	2725	2630	2500	2280	2.0	4250	3880						
		23	12670	8260	6780	6520	6340	6000	5790	5510	5020	29	9360	8550						
460/85R30	W15L DW15L W16L DW16L	480	1545	685	4575	42	0.8	4260	2780	2280	2190	2130	2030	1940	1850	1320	1.0	3145	2870	
							12	9380	6120	5020	4820	4690	4470	4270	4070	2910	15	6930	6320	
							1.0	4880	3180	2610	2510	2440	2320	2230	2120	1930	1.3	3605	3285	
							15	10750	7000	5750	5530	5370	5110	4910	4670	4250	18	7940	7240	
							1.2	5430	3540	2900	2800	2710	2580	2480	2360	2150	1.5	4010	3660	
	145D 148A8	17	11960	7800	6390	6170	5970	5680	5460	5200	4740	22	8830	8060						
		1.4	6160	3980	3260	3140	3050	2900	2780	2650	2410	1.8	4505	4110						
		20	13440	8770	7180	6920	6720	6390	6120	5840	5310	25	9920	9050						
		1.6	6670	4350	3570	3440	3340	3150	3050	2900	2640	2.0	4930	4495						
		23	14690	9580	7860	7580	7360	6940	6720	6390	5810	29	10860	9900						
320/85R34	W10 W11	329	1408	664	4283	41	0.8	2580	1680	1380	1330	1290	1230	1180	1120	1020	1.0	1905	1735	
							12	5680	3700	3040	2930	2840	2710	2600	2470	2250	15	4200	3820	
							1.6	4030	2630	2150	2070	2010	1920	1840	1750	1590	2.0	2975	2715	
							23	8880	5790	4740	4560	4430	4230	4050	3850	3500	29	6550	5980	
							2.4	4740	3090	2530	2440	2370	2260	2160	2060	1870	3.0	3500	3195	
	141D 144A8	35	10440	6810	5570	5370	5220	4980	4760	4540	4120	44	7710	7040						
		2.8	5150	3360	2760	2650	2580	2450	2350	2240	2040	3.5	3810	3470						
		41	11340	7400	6080	5840	5680	5400	5180	4930	4490	51	8390	7640						
		3.2	5590	3650	2990	2880	2790	2660	2550	2430	2210	4.0	4130	3765						
		46	12310	8040	6590	6340	6150	5860	5620	5350	4870	58	9100	8290						
380/85R34	W11 W12 W13	385	1510	692	4462	42	0.8	3340	2180	1780	1720	1670	1590	1520	1450	1320	1.0	2465	2250	
							12	7360	4800	3920	3790	3680	3500	3350	3190	2910	15	5430	4960	
							1.0	3800	2480	2030	1960	1900	1810	1730	1650	1500	1.3	2805	2560	
							15	8370	5460	4470	4320	4190	3990	3810	3630	3300	18	6180	5640	
							1.2	4260	2780	2280	2190	2130	2030	1940	1850	1680	1.5	3145	2870	
	137D 140A8	17	9380	6120	5020	4820	4690	4470	4270	4070	3700	22	6930	6320						
		1.4	4740	3090	2530	2440	2370	2260	2160	2060	1870	1.8	3500	3195						
		20	10440	6810	5570	5370	5220	4980	4760	4540	4120	25	7710	7040						
		1.6	5290	3450	2830	2730	2650	2500	2420	2300	2090	2.0	3910	3565						
		23	11650	7600	6230	6010	5840	5510	5330	5070	4600	29	8610	7850						
420/85R34	W13 W14L W15L	440	1580	727	4773	43	0.8	3910	2550	2090	2010	1960	1860	1790	1700	1320	1.0	2890	2635	
							12	8610	5620	4600	4430	4320	4100	3940	3740	2910	15	6370	5800	
							1.0	4490	2930	2400	2310	2240	2140	2050	1950	1770	1.3	3315	3025	
							15	9890	6450	5290	5090	4930	4710	4520	4300	3900	18	7300	6660	
							1.2	5010	3270	2680	2580	2510	2390	2290	2180	1980	1.5	3705	3380	
	142D 145A8	17	11040	7200	5900	5680	5530	5260	5040	4800	4360	22	8160	7440						
		1.4	5590	3650	2990	2880	2790	2660	2550	2430	2210	1.8	4130	3765						
		20	12310	8040	6590	6340	6150	5860	5620	5350	4870	25	9100	8290						
		1.6	6100	3980	3260	3140	3050	2900	2780	2650	2410	2.0	4505	4110						
		23	13440	8770	7180	6920	6720	6390	6120	5840	5310	29	9920	9050						
460/85R34	DW14L DW15L DW16L	483	1651	770	4997	44	0.8	4490	2930	2400	2310	2240	2140	2050	1950	1770	1.0	3315	3025	
							12	9890	6450	5290	5090	4930	4710	4520	4300	3900	15	7300	6660	
							1.0	5150	3360	2760	2650	2580	2450	2350	2240	2040	1.3	3810	3470	
							15	11340	7400	6080	5840	5680	5400	5180	4930	4490	18	8390	7640	
							1.2	5750	3750	3080	2960	2880	2740	2630	2500	2280	1.5	4250	3875	
	147D 150A8	17	12670	8260	6780	6520	6340	6040	5790	5510	5020	22	9360	8540						
		1.4	6440	4200	3440	3320	3220	3070	2940	2800	2550	1.8	4760	4340						
		20	14190	9250	7580	7310	7090	6760	6480	6170	5620	25	10480	9560						
		1.6	7070	4610	3780	3640	3540	3350	3200	3075	2800	2.0	5230	4765						
		23	15570	10150	8330	8020	7800	7380	7110	6770	6170	29	11520	10500						
460/85R34	DW14L DW15L DW16L	483	1651	770	4997	44	0.8	4490	2930	2400	2310	2240	2140	2050	1950	1770	1.0	3315	3025	
							12	9890	6450	5290	5090	4930	4710	4520	4300	3900	15	7300	6660	
							1.4	6440	4200	3440	3320	3220	3070	2940	2800	2550	1.8	4760	4340	
							20	14190	9250	7580	7310	7090	6760	6480	6170	5620	25	10480	9560	
							2.0	7710	5030	4120	3970	3850	3670	3520	3350	3050	2.5	5695	5195	
	157D 160A8	29	16980	11080	9070	8740	8480	8080	7750	7380	6720	36	12540	11440						
		2.6	8400	5480	4490	4330	4200	4000	3830	3650	3320	3.3	6205	5660						
		38	18500	12070	9890	9540	9250	8810	8440	8040	7310	47	13670	12470						
		3.0	9490	6190	5070	4890	4740	4500	4330	4125	3750	3.8	7015	6395						
		44	20900	13630	11170	10770	10440	9910	9540	9090	8260	54	15450	14090						
340/85R36	W11 W12 DW12																			

AR 800 (contd)

Size	Rim (Rec. in Bold)	Unloaded Dimension		Loaded Static radius	Rolling circ. RCI	Load Index Speed symbol	Infl. press	Speed, km/h (mph)										Cyclic operation (*)		
		SW	OD					Recommended load, kg (lbs)												
		mm	mm					Not high and sustained torque: Road transport												
		in	in					mm	mm	bar	Static	10	20	25	30	40	50	65	70	bar
		psi	6	12	16	19	25	31	40	44	psi	6	9							
340/85R38	W11	355	1546	726	4704	43	0.8	2960	1930	1580	1520	1480	1410	1350	1285	1170	1.0	2185	1990	
							12	6520	4250	3480	3350	3260	3110	2970	2830	2580	15	4810	4380	
	1.0						3450	2250	1850	1780	1730	1640	1580	1500	1370	1.3	2550	2325		
	15						7600	4960	4070	3920	3810	3610	3480	3300	3020	18	5620	5120		
	1.2						3800	2480	2030	1960	1900	1810	1730	1650	1500	1.5	2805	2560		
	17						8370	5460	4470	4320	4190	3990	3810	3630	3300	22	6180	5640		
	1.4						4260	2780	2280	2190	2130	2030	1940	1850	1680	1.8	3145	2870		
	20						9380	6120	5020	4820	4690	4470	4270	4070	3700	25	6930	6320		
	133D						1.6	4740	3090	2530	2440	2370	2240	2160	2060	1870	2.0	3500	3195	
	136A8						23	10440	6810	5570	5370	5220	4930	4760	4540	4120	29	7710	7040	
340/85R38	W12	355	1546	726	4704	43	0.8	2960	1930	1580	1520	1480	1410	1350	1285	1170	1.0	2185	1990	
							12	6520	4250	3480	3350	3260	3110	2970	2830	2580	15	4810	4380	
	1.6						4740	3090	2530	2440	2370	2260	2160	2060	1870	2.0	3500	3195		
	23						10440	6810	5570	5370	5220	4980	4760	4540	4120	29	7710	7040		
	2.4						5430	3540	2900	2800	2710	2580	2480	2360	2150	3.0	4010	3660		
	35						11960	7800	6390	6170	5970	5680	5460	5200	4740	44	8830	8060		
	3.2						6440	4200	3440	3320	3220	3070	2940	2800	2550	4.0	4760	4340		
	46						14190	9250	7580	7310	7090	6760	6480	6170	5620	58	10480	9560		
	4.0						7250	4730	3870	3730	3620	3450	3310	3150	2870	5.0	5355	4885		
	58						15970	10420	8520	8220	7970	7600	7290	6940	6320	73	11800	10760		
151D	4.4	7940	5180	4240	4090	3970	3750	3620	3450	3140	5.5	5865	5350							
154A8	64	17490	11410	9340	9010	8740	8260	7970	7600	6920	80	12920	11780							
420/85R38	W13	440	1680	772	4950	44	0.8	4140	2700	2210	2130	2070	1970	1890	1800	1320	1.0	3060	2790	
							12	9120	5950	4870	4690	4560	4340	4160	3960	2910	15	6740	6150	
	1.0						4740	3090	2530	2440	2370	2260	2160	2060	1870	1.3	3500	3195		
	15						10440	6810	5570	5370	5220	4980	4760	4540	4120	18	7710	7040		
	1.2						5290	3450	2830	2730	2650	2520	2420	2300	2090	1.5	3910	3565		
	17						11650	7600	6230	6010	5840	5550	5330	5070	4600	22	8610	7850		
	1.4						5920	3860	3170	3050	2960	2820	2700	2575	2340	1.8	4380	3990		
	20						13040	8500	6980	6720	6520	6210	5950	5670	5150	25	9650	8790		
	1.6						6440	4200	3440	3320	3220	3075	2940	2800	2550	2.0	4760	4340		
	147A8						23	14190	9250	7580	7310	7090	6770	6480	6170	5620	29	10480	9560	
460/85R38	W14L	483	1752	799	5222	45	0.8	4740	3090	2530	2440	2370	2260	2160	2060	1870	1.0	3500	3195	
							12	10440	6810	5570	5370	5220	4980	4760	4540	4120	15	7710	7040	
	1.0						5430	3540	2900	2800	2710	2580	2480	2360	2150	1.3	4010	3660		
	15						11960	7800	6390	6170	5970	5680	5460	5200	4740	18	8830	8060		
	1.2						6100	3980	3260	3140	3050	2900	2780	2650	2410	1.5	4505	4110		
	17						13440	8770	7180	6920	6720	6390	6120	5840	5310	22	9920	9050		
	1.4						6670	4350	3570	3440	3340	3180	3050	2900	2640	1.8	4930	4495		
	20						14690	9580	7860	7580	7360	7000	6720	6390	5810	25	10860	9900		
	1.6						7480	4880	4000	3850	3740	3550	3410	3250	2960	2.0	5525	5040		
	152A8						23	16480	10750	8810	8480	8240	7820	7510	7160	6520	29	12170	11100	
460/85R38	W15L	483	1752	799	5222	45	0.8	4740	3090	2530	2440	2370	2260	2160	2060	1870	1.0	3500	3195	
							12	10440	6810	5570	5370	5220	4980	4760	4540	4120	15	7710	7040	
	1.6						7480	4880	4000	3850	3740	3560	3410	3250	2960	2.0	5525	5040		
	23						16480	10750	8810	8480	8240	7840	7510	7160	6520	29	12170	11100		
	2.4						8630	5630	4610	4440	4310	4110	3940	3750	3410	3.0	6375	5815		
	35						19010	12400	10150	9780	9490	9050	8680	8260	7510	44	14040	12810		
	3.2						10350	6750	5540	5330	5180	4930	4730	4500	4100	4.0	7650	6975		
	46						22800	14870	12200	11740	11410	10860	10420	9910	9030	58	16850	15360		
	4.0						11500	7500	6150	5930	5750	5480	5250	5000	4550	5.0	8500	7750		
	58						25330	16520	13550	13060	12670	12070	11560	11010	10020	73	18720	17070		
1.6	7480	4880	4000	3850	3740	3550	3410	3250	2960	2.0	5525	5040								
170A8	64	27620	18020	14760	14230	13810	13220	12600	12000	10930	80	20410	18610							
520/85R38	W16L	535	1850	841	5483	46	0.8	5750	3750	3080	2960	2880	2740	2630	2500	2280	1.0	4250	3875	
							12	12670	8260	6780	6520	6340	6040	5790	5510	5020	15	9360	8540	
	1.0						6440	4200	3440	3320	3220	3070	2940	2800	2550	1.3	4760	4340		
	15						14190	9250	7580	7310	7090	6760	6480	6170	5620	18	10480	9560		
	1.2						7250	4730	3870	3730	3620	3450	3310	3150	2870	1.5	5355	4885		
	17						15970	10420	8520	8220	7970	7600	7290	6940	6320	22	11800	10760		
	1.4						8170	5330	4370	4210	4080	3890	3730	3550	3230	1.8	6035	5505		
	20						18000	11740	9630	9270	8990	8570	8220	7820	7110	25	13290	12130		
	1.6						8910	5810	4770	4590	4460	4250	4070	3875	3530	2.0	6590	6005		
	158A8						23	19630	12800	10510	10110	9820	9360	8960	8540	7780	29	14520	13230	
520/85R38	W15L	535	1850	841	5483	46	0.8	5750	3750	3080	2960	2880	2740	2630	2500	2280	1.0	4250	3875	
							12	12670	8260	6780	6520	6340	6040	5790	5510	5020	15	9360	8540	
	1.2						7250	4730	3870	3730	3620	3450	3310	3150	2870	1.5	5355	4885		
	17						15970	10420	8520	8220	7970	7600	7290	6940	6320	22	11800	10760		
	1.8						9200	6000	4920	4740	4600	4380	4200	4000	3640	2.3	6800	6200		
	26						20260	13220	10840	10440	10130	9650	9250	8810	8020	33	14980	13660		
	2.4						10350	6750	5540	5330	5180	4930	4730	4500	4100	3.0	7650	6975		
	35						22800	14870	12200	11740	11410	10860	10420	9910	9030	44	16850	15360		
	3.0						11850	7730	6330	6100	5920	5640	5410	5150	4690	3.8	8755	7985		
	44						26100	17030	13940	13440	13040	12420	11920	11340	10330	54	19280	17590		
1.6	7480	4880	4000	3850	3740	3550	3410	3250	2960	2.0	5525	5040								
172A8	52	29380	19160	15700	15130	14690	13880	13410	12780	11630	65	21720	19800							
480/80R42	W16L	494	1835	843	5430	46	0.8	5010	3270	2680	2580	2510	2390	2290	2180	1320	1.0	3705	3380	
							12	11040	7200	5900	5680	5530	5260	5040	4800	2910	15	8160	7440	
	1.0						5750	3750	3080	2960	2880	2740	2630	2500	2280	1.3	4250	3875		
	15						12670	8260	6780	6520	6340	6040	5790	5510	5020	18	9360	8540		
	1.2						6440	4200	3440	33										

AR 800 (contd)

Size	Rim (Rec. in Bold)	Unloaded Dimension		Loaded Static radius	Rolling circ. RCI	Load Index Speed symbol	Infl. press	Speed, km/h (mph)										Cyclic operation (*)		
		SW	OD					Recommended load, kg (lbs)												
		mm	mm					Not high and sustained torque; Road transport												
		mm	mm					mm	mm	bar	Static	10	20	25	30	40	50	65	70	bar
520/85R42	DW15L	540	1957	904	5858	230.6	47	0.8	5920	3860	3170	3050	2960	2820	2700	2575	2340	1.0	4380	3990
	DW16L							12	13040	8500	6980	6720	6520	6210	5950	5670	5150	15	9650	8790
	DW18L							1.0	6900	4500	3690	3560	3450	3290	3150	3000	2730	1.3	5100	4650
	15							15200	9910	8130	7840	7600	7250	6940	6610	6010	18	11230	10240	
	1.2							7710	5030	4120	3970	3850	3670	3520	3350	3050	1.5	5695	5195	
	17							16980	11080	9070	8740	8480	8080	7750	7380	6720	22	12540	11440	
	1.4							8630	5630	4610	4440	4310	4110	3940	3750	3410	1.8	6375	5815	
	20							19010	12400	10150	9780	9490	9050	8680	8260	7510	25	14040	12810	
	157D							1.6	9490	6190	5070	4890	4740	4500	4330	4125	3750	2.0	7015	6395
	160A8							23	20900	13630	11170	10770	10440	9910	9540	9090	8260	29	15450	14090
520/85R42	DW15L	540	1957	904	5858	230.6	47	0.8	5920	3860	3170	3050	2960	2820	2700	2575	2340	1.0	4380	3990
	DW16L							12	13040	8500	6980	6720	6520	6210	5950	5670	5150	15	9650	8790
	DW18L							1.2	7710	5030	4120	3970	3850	3670	3520	3350	3050	1.5	5695	5195
	17							16980	11080	9070	8740	8480	8080	7750	7380	6720	22	12540	11440	
	1.8							9490	6190	5070	4890	4740	4520	4330	4125	3750	2.3	7015	6395	
	26							20900	13630	11170	10770	10440	9960	9540	9090	8260	33	15450	14090	
	2.4							10930	7130	5840	5630	5460	5200	4990	4750	4320	3.0	8075	7365	
	35							24070	15700	12860	12400	12030	11450	10990	10460	9520	44	17790	16220	
	3.0							12190	7950	6520	6280	6100	5800	5570	5300	4820	3.8	9010	8215	
	44							26850	17510	14360	13830	13440	12780	12270	11670	10620	54	19850	18090	
169D	3.6	13340	8700	7130	6870	6670	6300	6090	5800	5280	4.5	9860	8990							
172A8	52	29380	19160	15700	15130	14690	13880	13410	12780	11630	65	21720	19800							
480/80R46	DW14L	494	1960	905	5861	230.7	47	0.8	5290	3450	2830	2730	2650	2520	2420	2300	2090	1.0	3910	3565
	DW15L							12	11650	7600	6230	6010	5840	5550	5330	5070	4600	15	8610	7850
	DW16L							1.2	6670	4350	3570	3440	3340	3180	3050	2900	2640	1.5	4930	4495
	17							14690	9580	7860	7580	7360	7000	6720	6390	5810	22	10860	9900	
	1.6							8170	5330	4370	4210	4080	3890	3730	3550	3230	2.0	6035	5505	
	23							18000	11740	9630	9270	8990	8570	8220	7820	7110	29	13290	12130	
	2.0							8910	5810	4770	4590	4460	4240	4070	3875	3530	2.5	6590	6005	
	29							19630	12800	10510	10110	9820	9340	8960	8540	7780	36	14520	13230	
	158D							2.4	9780	6380	5230	5040	4890	4625	4460	4250	3870	3.0	7225	6590
	161A8							35	21540	14050	11520	11100	10770	10190	9820	9360	8520	44	15910	14520
480/80R50	W15L	480	2050	939	6072	239.1	48	0.8	5430	3540	2900	2800	2710	2580	2480	2360	2150	1.0	4010	3660
	DW15L							12	11960	7800	6390	6170	5970	5680	5460	5200	4740	15	8830	8060
	DW16L							1.2	7070	4610	3780	3640	3540	3370	3230	3075	2800	1.5	5230	4765
	17							15570	10150	8330	8020	7800	7420	7110	6770	6170	22	11520	10500	
	1.6							8630	5630	4610	4440	4310	4110	3940	3750	3410	2.0	6375	5815	
	23							19010	12400	10150	9780	9490	9050	8680	8260	7510	29	14040	12810	
	2.0							9490	6190	5070	4890	4740	4520	4330	4125	3750	2.5	7015	6395	
	29							20900	13630	11170	10770	10440	9960	9540	9090	8260	36	15450	14090	
	159D							2.4	10060	6560	5380	5180	5030	4750	4590	4375	3980	3.0	7440	6780
	162A8							35	22160	14450	11850	11410	11080	10460	10110	9640	8770	44	16390	14930
520/85R46*							164 D													

*= Under Development