



TYRE DATA BOOKLET

265/645-18 DHB

265/645-18 WH

2020 | 2021

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INTRODUCTION

INTRODUCTION

This document provides the user with technical information regarding several aspects of the tyre characteristics. The data was acquired using indoor testing methods on physical tyres.

For individual car fitments, usage guidelines and prescriptions for camber and pressure please refer to the relevant Pirelli Technical Booklet, which is included as part of this Pirelli Data Package.



STATIC MEASUREMENTS

Slick Tyres				
Size & Fitment	Nominal Weight	Max Width (C)	Circumference (πD)	Tread Width (Cb)
	(kilograms)	(mm)	(mm)	(mm)
265/645-18 DHB 18"x9.5J	10.4	272	2047	260
265/645-18 DHB 18"x10.0J	10.4	280	2045	260

Wet Tyres				
Size & Fitment	Nominal Weight	Max Width (C)	Circumference (πD)	Tread Width (Cb)
	(kilograms)	(mm)	(mm)	(mm)
265/645-18 WH 18"x9.0J	TBA	262	2039	TBA



DYNAMIC MEASUREMENTS @ 2.0bar (29psi), CA 0.0°

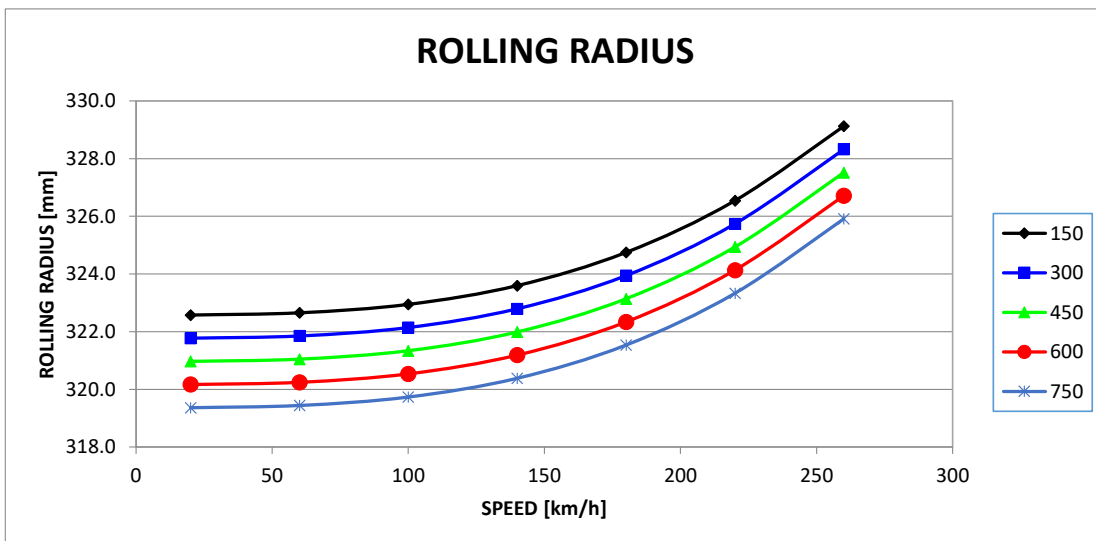
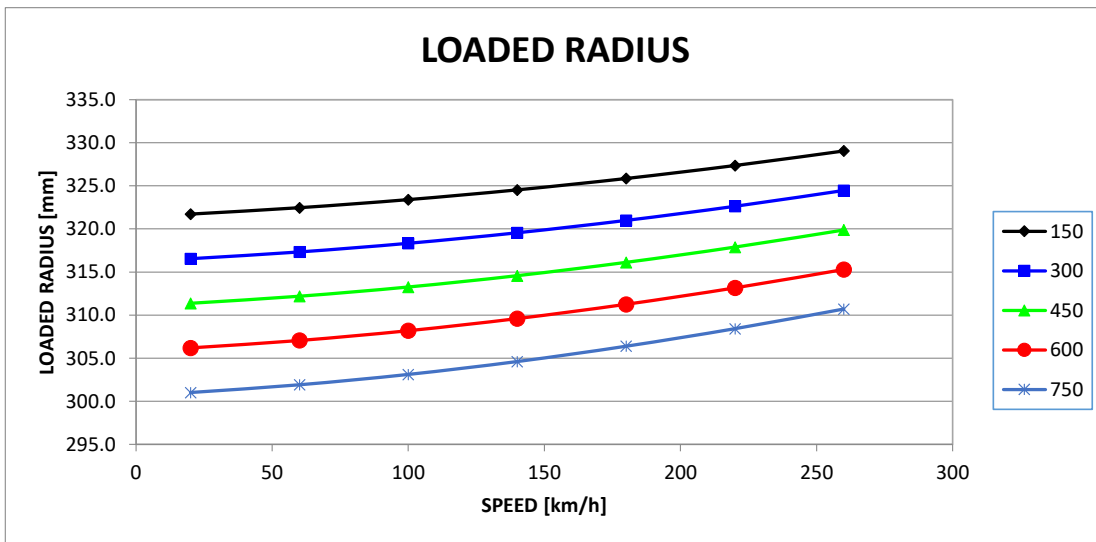
265/645-18x9.5J DHB

LOADED RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	321.7	316.5	311.4	306.2	301.0
	60	322.5	317.3	312.2	307.1	301.9
	100	323.4	318.3	313.3	308.2	303.1
	140	324.5	319.6	314.6	309.6	304.6
	180	325.9	321.0	316.1	311.3	306.4
	220	327.4	322.6	317.9	313.2	308.4
	260	329.1	324.5	319.9	315.3	310.7
	280					
	300					

ROLLING RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	322.6	321.8	321.0	320.2	319.4
	60	322.7	321.8	321.0	320.2	319.4
	100	322.9	322.1	321.3	320.5	319.7
	140	323.6	322.8	322.0	321.2	320.4
	180	324.7	323.9	323.1	322.3	321.5
	220	326.5	325.7	324.9	324.1	323.3
	260	329.1	328.3	327.5	326.7	325.9
	280					
	300					





DYNAMIC MEASUREMENTS @ 2.0bar (29psi), CA 0.0°

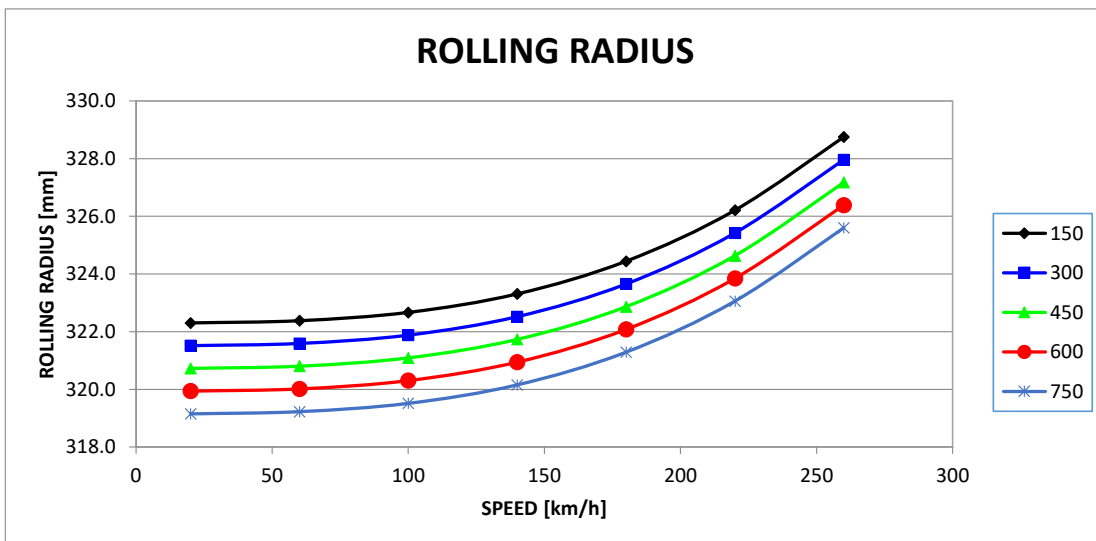
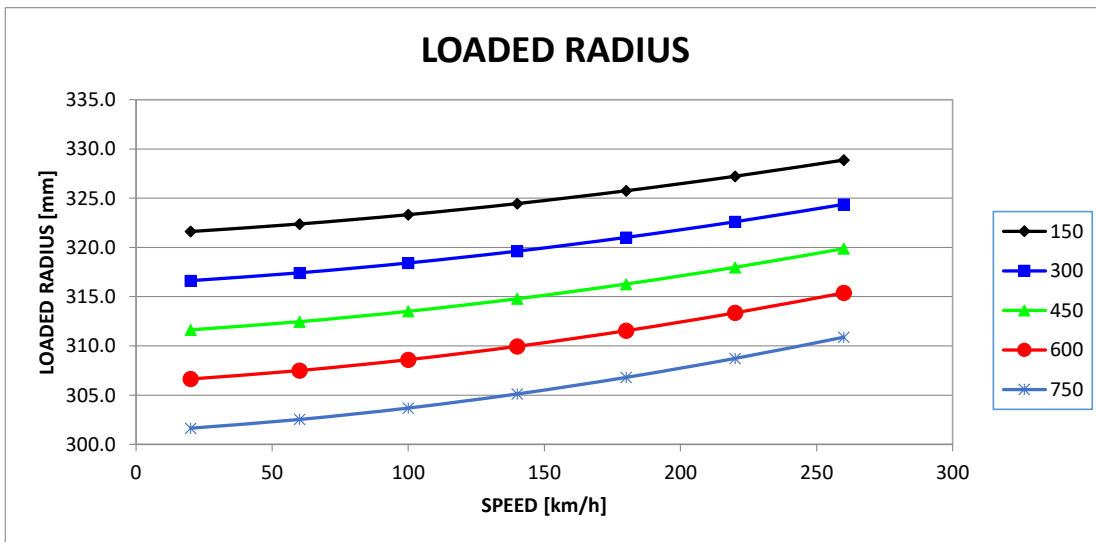
265/645-18x10.0J DHB

LOADED RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	321.6	316.6	311.6	306.6	301.6
	60	322.4	317.4	312.5	307.5	302.5
	100	323.3	318.4	313.5	308.6	303.7
	140	324.4	319.6	314.8	310.0	305.1
	180	325.8	321.0	316.3	311.5	306.8
	220	327.2	322.6	318.0	313.4	308.7
	260	328.9	324.4	319.9	315.4	310.9
	280					
	300					

ROLLING RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	322.3	321.5	320.7	319.9	319.1
	60	322.4	321.6	320.8	320.0	319.2
	100	322.7	321.9	321.1	320.3	319.5
	140	323.3	322.5	321.7	320.9	320.2
	180	324.4	323.7	322.9	322.1	321.3
	220	326.2	325.4	324.6	323.8	323.1
	260	328.8	328.0	327.2	326.4	325.6
	280					
	300					





DYNAMIC MEASUREMENTS @ 2.0bar (29psi), CA 0.0°

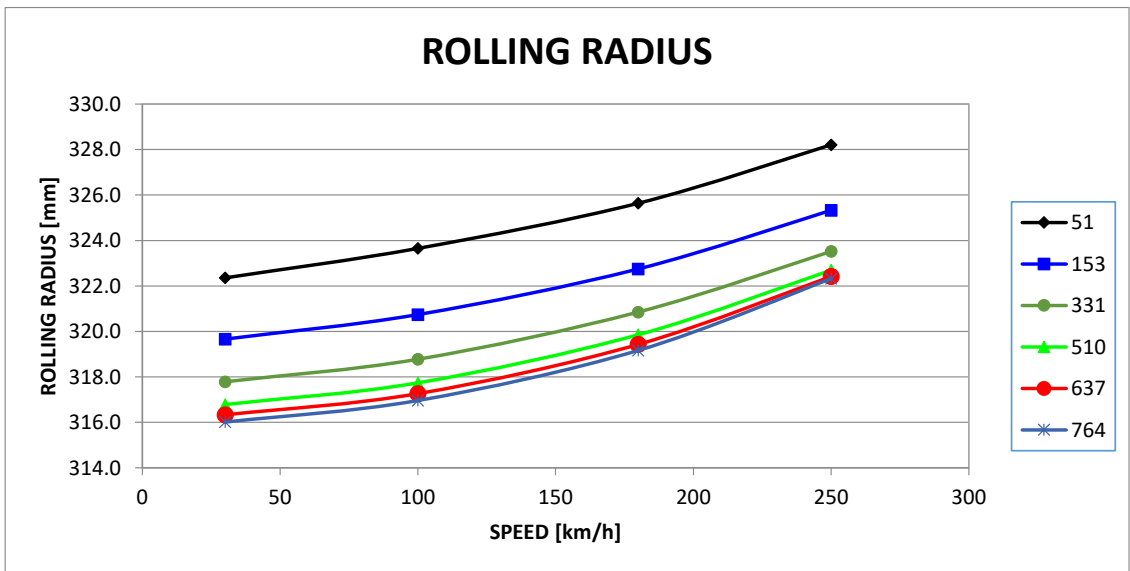
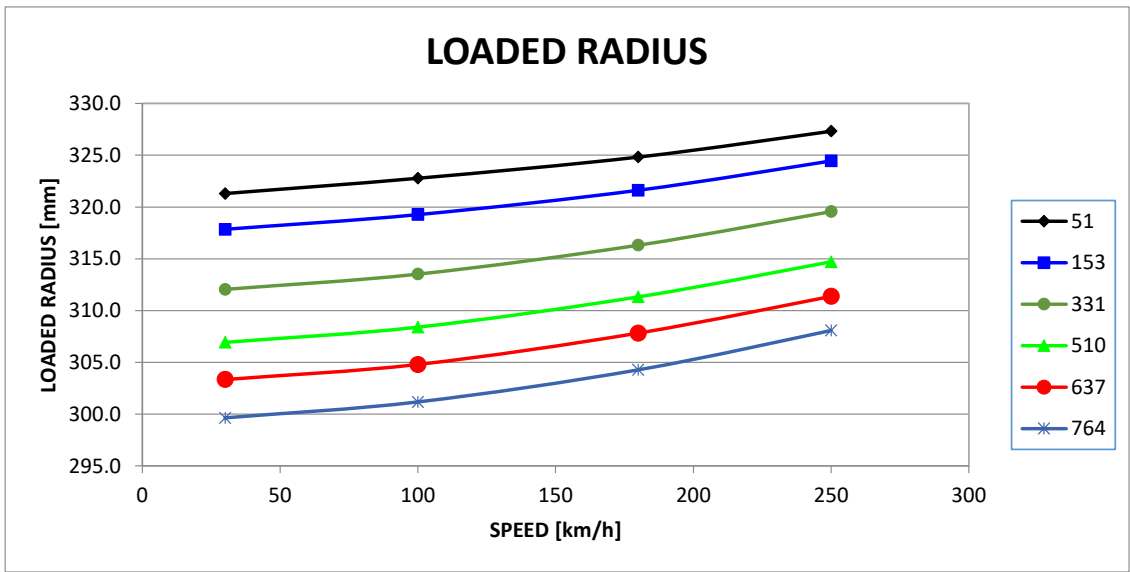
265/645-18x9.5J WH

LOADED RADIUS

		LOAD [kg]					
		51	153	331	510	637	764
SPEED [km/h]	30	321.3	317.8	312.0	306.9	303.3	299.6
	100	322.8	319.3	313.5	308.4	304.8	301.2
	180	324.8	321.6	316.3	311.3	307.8	304.3
	250	327.3	324.4	319.6	314.7	311.4	308.1

ROLLING RADIUS

		LOAD [kg]					
		51	153	331	510	637	764
SPEED [km/h]	30	322.4	319.7	317.8	316.8	316.3	316.0
	100	323.7	320.7	318.8	317.7	317.3	317.0
	180	325.6	322.7	320.9	319.9	319.4	319.2
	250	328.2	325.3	323.5	322.7	322.4	322.3



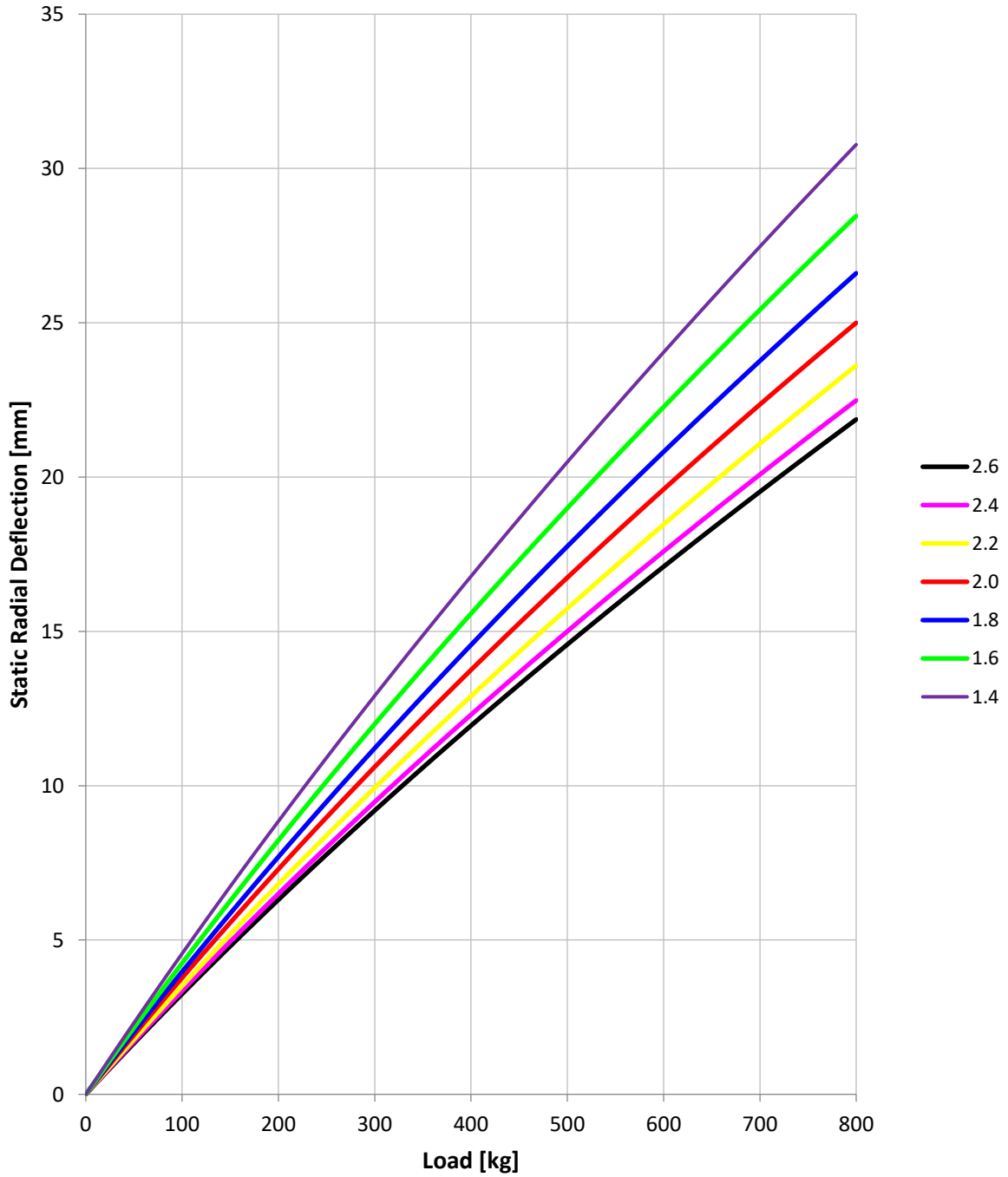


STATIC RADIAL DEFLECTION – 265/645-18x9.5J @ CA 0.0 ° DHB

Load [kg]	Inflation Pressure [bar]						
	2.6	2.4	2.2	2.0	1.8	1.6	1.4
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.8	0.9	0.9	1.0	1.0	1.1	1.2
50	1.7	1.7	1.8	1.9	2.0	2.2	2.3
75	2.5	2.5	2.7	2.9	3.0	3.2	3.4
100	3.3	3.4	3.5	3.8	4.0	4.2	4.6
125	4.0	4.2	4.4	4.7	4.9	5.3	5.7
150	4.8	4.9	5.2	5.6	5.9	6.3	6.7
175	5.6	5.7	6.0	6.4	6.8	7.3	7.8
200	6.3	6.5	6.8	7.3	7.7	8.2	8.8
225	7.0	7.3	7.6	8.1	8.6	9.2	9.9
250	7.8	8.0	8.4	9.0	9.5	10.1	10.9
275	8.5	8.7	9.2	9.8	10.4	11.1	11.9
300	9.2	9.5	9.9	10.6	11.2	12.0	12.9
325	9.9	10.2	10.7	11.4	12.1	12.9	13.9
350	10.6	10.9	11.4	12.2	12.9	13.8	14.9
375	11.3	11.6	12.2	13.0	13.7	14.7	15.8
400	11.9	12.3	12.9	13.7	14.6	15.6	16.8
425	12.6	13.0	13.6	14.5	15.4	16.4	17.7
450	13.3	13.7	14.3	15.3	16.2	17.3	18.7
475	13.9	14.3	15.0	16.0	17.0	18.2	19.6
500	14.6	15.0	15.7	16.7	17.8	19.0	20.5
525	15.2	15.7	16.4	17.5	18.5	19.8	21.4
550	15.8	16.3	17.1	18.2	19.3	20.6	22.3
575	16.5	17.0	17.8	18.9	20.1	21.5	23.2
600	17.1	17.6	18.5	19.6	20.8	22.3	24.0
625	17.7	18.2	19.1	20.3	21.6	23.1	24.9
650	18.3	18.8	19.8	21.0	22.3	23.9	25.8
675	18.9	19.5	20.4	21.7	23.0	24.6	26.6
700	19.5	20.1	21.1	22.4	23.8	25.4	27.5
725	20.1	20.7	21.7	23.0	24.5	26.2	28.3
750	20.7	21.3	22.4	23.7	25.2	27.0	29.1
775	21.3	21.9	23.0	24.3	25.9	27.7	30.0
800	21.9	22.5	23.6	25.0	26.6	28.5	30.8



STATIC RADIAL DEFLECTION – 265/645-18x9.5J @ CA 0.0° DHB



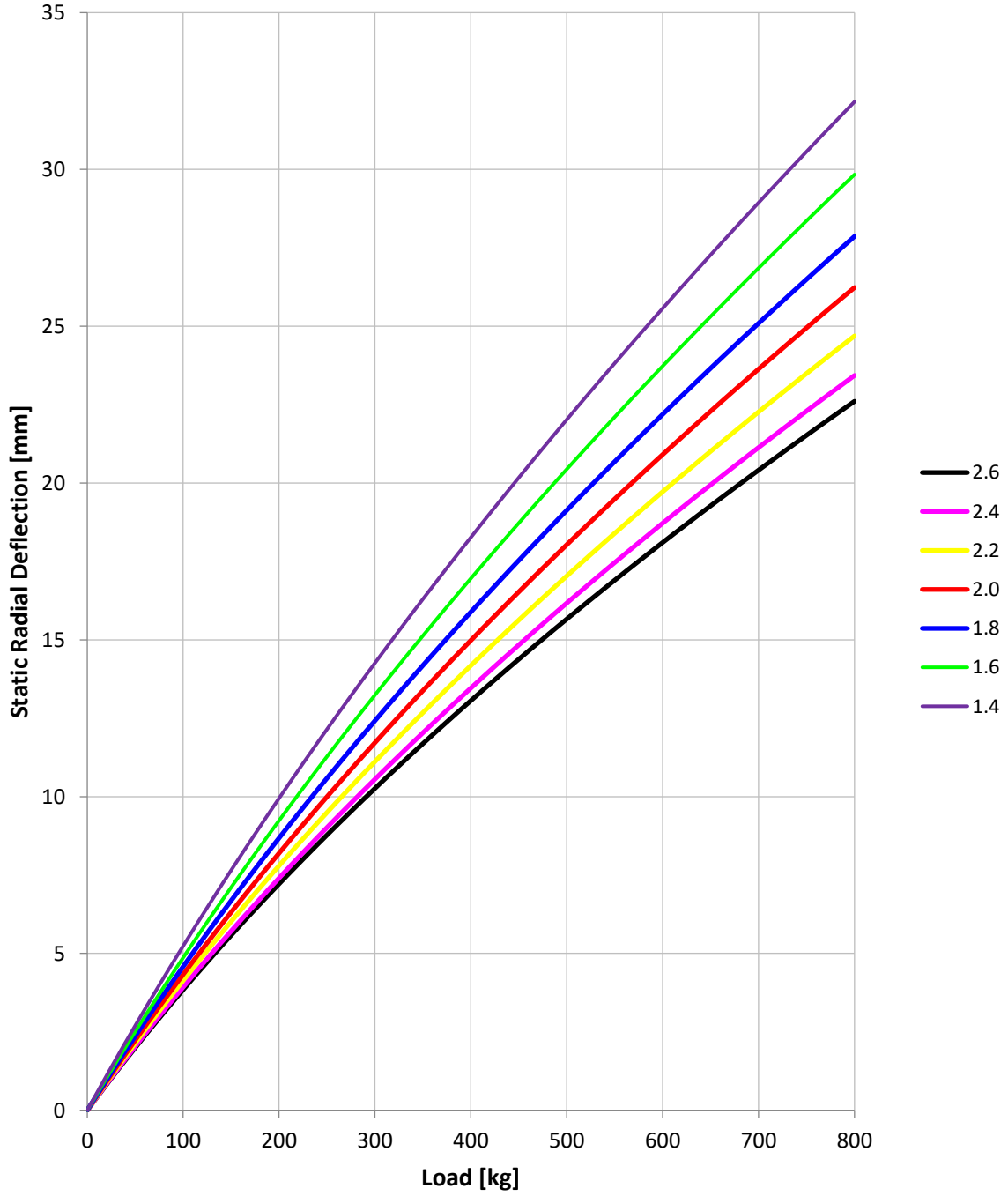


STATIC RADIAL DEFLECTION – 265/645-18x9.5J @ CA -3.0 ° DHB

Load [kg]	Inflation Pressure [bar]						
	2.6	2.4	2.2	2.0	1.8	1.6	1.4
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	1.0	1.0	1.1	1.1	1.2	1.3	1.4
50	2.0	2.0	2.1	2.2	2.4	2.5	2.7
75	2.9	3.0	3.2	3.3	3.5	3.7	4.0
100	3.8	3.9	4.1	4.3	4.6	4.9	5.2
125	4.7	4.8	5.1	5.3	5.6	6.0	6.5
150	5.6	5.7	6.0	6.3	6.7	7.1	7.7
175	6.4	6.6	6.9	7.3	7.7	8.2	8.8
200	7.2	7.4	7.8	8.2	8.7	9.2	10.0
225	8.0	8.2	8.7	9.1	9.6	10.3	11.1
250	8.8	9.0	9.5	10.0	10.6	11.3	12.2
275	9.5	9.8	10.3	10.9	11.5	12.3	13.2
300	10.3	10.6	11.1	11.7	12.4	13.2	14.3
325	11.0	11.3	11.9	12.6	13.3	14.2	15.3
350	11.7	12.0	12.7	13.4	14.2	15.1	16.3
375	12.4	12.8	13.4	14.2	15.0	16.1	17.3
400	13.1	13.5	14.2	15.0	15.9	17.0	18.3
425	13.7	14.2	14.9	15.8	16.7	17.9	19.2
450	14.4	14.8	15.6	16.5	17.5	18.7	20.2
475	15.0	15.5	16.3	17.3	18.3	19.6	21.1
500	15.7	16.2	17.0	18.0	19.1	20.4	22.0
525	16.3	16.8	17.7	18.8	19.9	21.3	22.9
550	16.9	17.5	18.4	19.5	20.7	22.1	23.8
575	17.5	18.1	19.1	20.2	21.4	22.9	24.7
600	18.1	18.7	19.7	20.9	22.2	23.7	25.6
625	18.7	19.3	20.4	21.6	22.9	24.5	26.4
650	19.3	19.9	21.0	22.3	23.7	25.3	27.3
675	19.8	20.5	21.6	23.0	24.4	26.1	28.1
700	20.4	21.1	22.3	23.6	25.1	26.9	28.9
725	21.0	21.7	22.9	24.3	25.8	27.6	29.8
750	21.5	22.3	23.5	25.0	26.5	28.4	30.6
775	22.1	22.9	24.1	25.6	27.2	29.1	31.4
800	22.6	23.4	24.7	26.2	27.9	29.8	32.2



STATIC RADIAL DEFLECTION – 265/645-18x9.5J @ CA -3.0° DHB



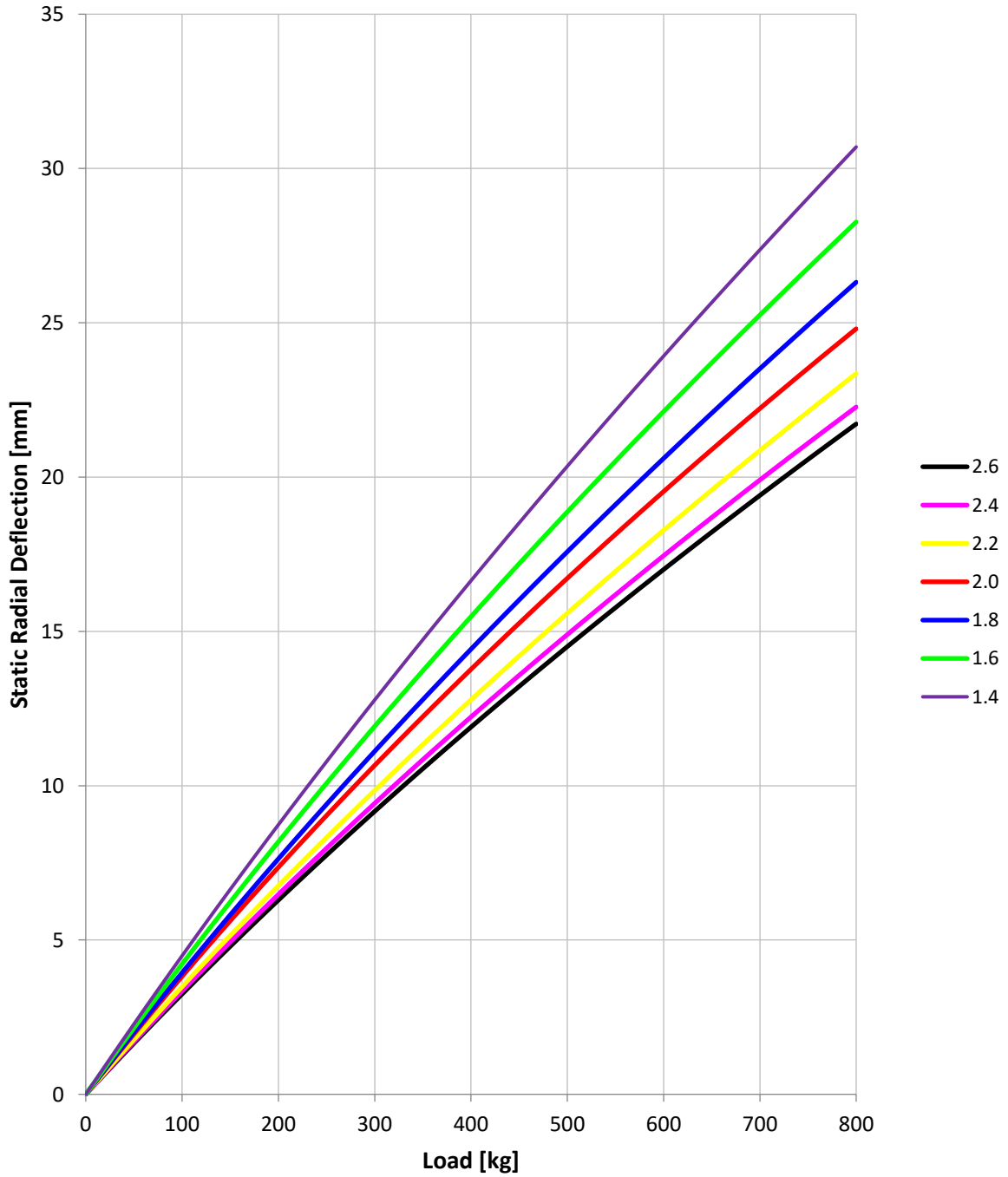


STATIC RADIAL DEFLECTION – 265/645-18x10.0J @ CA 0.0 ° DHB

Load [kg]	Inflation Pressure [bar]						
	2.6	2.4	2.2	2.0	1.8	1.6	1.4
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.8	0.9	0.9	1.0	1.0	1.1	1.1
50	1.7	1.7	1.8	2.0	2.0	2.1	2.3
75	2.5	2.5	2.6	2.9	3.0	3.2	3.4
100	3.2	3.3	3.5	3.8	3.9	4.2	4.5
125	4.0	4.1	4.3	4.7	4.9	5.2	5.6
150	4.8	4.9	5.1	5.6	5.8	6.2	6.6
175	5.5	5.7	6.0	6.5	6.7	7.2	7.7
200	6.3	6.5	6.8	7.4	7.6	8.2	8.7
225	7.0	7.2	7.5	8.2	8.5	9.1	9.8
250	7.8	8.0	8.3	9.0	9.4	10.1	10.8
275	8.5	8.7	9.1	9.9	10.3	11.0	11.8
300	9.2	9.4	9.8	10.7	11.1	11.9	12.8
325	9.9	10.1	10.6	11.5	12.0	12.8	13.8
350	10.6	10.8	11.3	12.2	12.8	13.7	14.7
375	11.2	11.5	12.1	13.0	13.6	14.6	15.7
400	11.9	12.2	12.8	13.8	14.4	15.5	16.6
425	12.6	12.9	13.5	14.5	15.2	16.3	17.6
450	13.2	13.6	14.2	15.3	16.0	17.2	18.5
475	13.9	14.2	14.9	16.0	16.8	18.0	19.4
500	14.5	14.9	15.6	16.7	17.6	18.9	20.4
525	15.1	15.5	16.3	17.4	18.3	19.7	21.3
550	15.8	16.2	16.9	18.1	19.1	20.5	22.2
575	16.4	16.8	17.6	18.8	19.9	21.3	23.0
600	17.0	17.5	18.3	19.5	20.6	22.1	23.9
625	17.6	18.1	18.9	20.2	21.3	22.9	24.8
650	18.2	18.7	19.6	20.9	22.1	23.7	25.7
675	18.8	19.3	20.2	21.6	22.8	24.5	26.5
700	19.4	19.9	20.9	22.2	23.5	25.3	27.4
725	20.0	20.5	21.5	22.9	24.2	26.0	28.2
750	20.6	21.1	22.1	23.5	24.9	26.8	29.0
775	21.2	21.7	22.7	24.2	25.6	27.5	29.9
800	21.7	22.3	23.4	24.8	26.3	28.3	30.7



STATIC RADIAL DEFLECTION – 265/645-18x10.0J @ CA 0.0° DHB





STATIC RADIAL DEFLECTION – 265/645-18x10.0J @ CA -3.0 ° DHB

Load [kg]	Inflation Pressure [bar]						
	2.6	2.4	2.2	2.0	1.8	1.6	1.4
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	1.0	1.0	1.0	1.1	1.2	1.2	1.3
50	2.0	2.0	2.1	2.2	2.3	2.4	2.6
75	2.9	2.9	3.0	3.2	3.4	3.6	3.9
100	3.8	3.8	4.0	4.2	4.4	4.7	5.1
125	4.6	4.7	4.9	5.2	5.5	5.8	6.3
150	5.5	5.6	5.8	6.2	6.5	6.9	7.5
175	6.3	6.4	6.7	7.1	7.5	8.0	8.6
200	7.1	7.3	7.6	8.0	8.5	9.0	9.8
225	7.9	8.1	8.4	8.9	9.4	10.1	10.9
250	8.6	8.9	9.3	9.8	10.4	11.1	12.0
275	9.4	9.6	10.1	10.7	11.3	12.1	13.0
300	10.1	10.4	10.9	11.5	12.2	13.0	14.1
325	10.8	11.2	11.7	12.4	13.1	14.0	15.1
350	11.5	11.9	12.5	13.2	14.0	14.9	16.1
375	12.2	12.6	13.2	14.0	14.8	15.9	17.1
400	12.9	13.3	14.0	14.8	15.7	16.8	18.1
425	13.5	14.0	14.7	15.6	16.5	17.7	19.1
450	14.2	14.7	15.4	16.4	17.4	18.5	20.1
475	14.8	15.4	16.2	17.1	18.2	19.4	21.0
500	15.4	16.0	16.9	17.9	19.0	20.3	21.9
525	16.0	16.7	17.6	18.6	19.8	21.1	22.9
550	16.6	17.4	18.2	19.4	20.5	22.0	23.8
575	17.2	18.0	18.9	20.1	21.3	22.8	24.7
600	17.8	18.6	19.6	20.8	22.1	23.6	25.5
625	18.4	19.2	20.3	21.5	22.8	24.4	26.4
650	19.0	19.9	20.9	22.2	23.6	25.2	27.3
675	19.5	20.5	21.5	22.9	24.3	26.0	28.1
700	20.1	21.1	22.2	23.5	25.0	26.8	29.0
725	20.6	21.7	22.8	24.2	25.7	27.5	29.8
750	21.2	22.2	23.4	24.9	26.4	28.3	30.7
775	21.7	22.8	24.1	25.5	27.1	29.1	31.5
800	22.3	23.4	24.7	26.2	27.8	29.8	32.3



STATIC RADIAL DEFLECTION – 265/645-18x10.0J @ CA -3.0° DHB

