



TYRE DATA BOOKLET 2017 - CTCC

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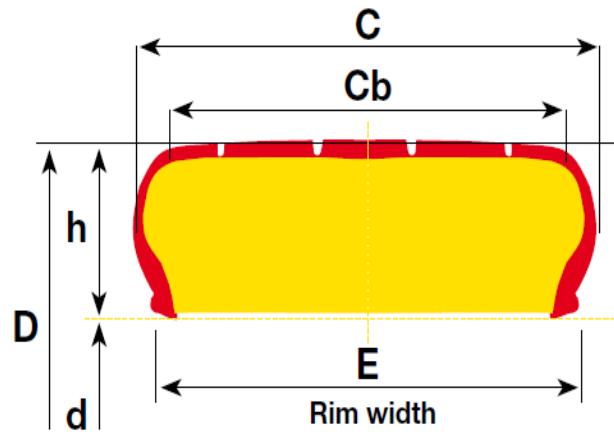


GENERAL INFORMATION

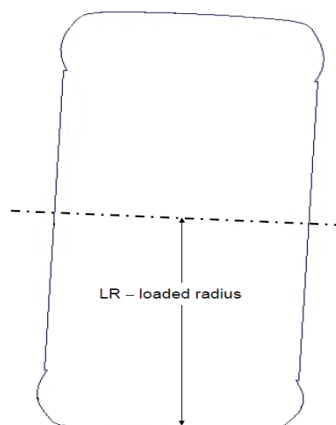
Static measurements

The static measurements within this book are provided for each combination of tyre-rim size. Geometric measurements are taken with the tyre fitted on a rim, inflated to 2.0bar/29.0 Psi

Circumference πD [mm]	<i>length along the middle tread line of the tyre;</i>
Max width C [mm]	<i>maximum width of the tyre;</i>
Tread width C_b [mm]	<i>width of the tread.</i>



A full characterisation of deflection vs. vertical load at different pressures is given; measurements are taken at two different camber levels (0° and -3.0°) for slick tyres.





GENERAL INFORMATION

Dynamic measurements

Tyre dynamic characterisation describes changes in dimensions due to speed and vertical load. All measurements are made without any applied camber (0°) with the tyre inflated to 2.0bar/ 29.0 Psi

Loaded radius L.R. [mm]	<i>distance between the wheel center and the ground;</i>
Rolling radius R.R. [mm]	<i>the length travelled by the tyre for each wheel's revolution divided by 2π.</i>

Operating instructions

Before each run

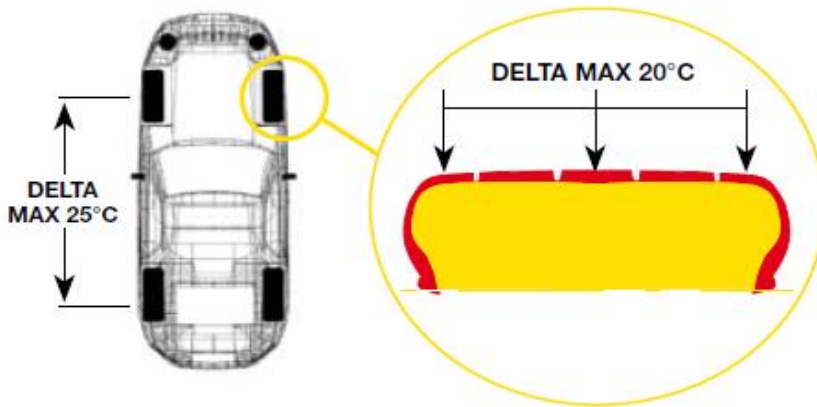
Pressures

The tyre pressure must always be over the declared minimum running pressure defined within this book.

After each run

Temperatures

- *the offset in measured garage bulk temperature between the inside and outside of the tyre should not exceed 20°C for optimum tyre performance*
- *the offset in measured garage bulk temperatures between front and rear axle should not exceed 25°C for optimum tyre performance*



Pressures

- *the measured garage pressure should be as close as possible to the hot target value stated within this book*
- *Dry air is recommended to inflate tyres to avoid sudden changes in pressure due to humidity.*
- **all pressure limitations (cold and hot) stated in this book will be monitored during each event, and modified if deemed necessary.**



TECHNICAL LIMITATIONS - CTCC

TYRE INFLATION PRESSURE				
GT Sport Class				
<i>Front Engine, Front Wheel Drive Applications</i>				
<u>MINIMUM INFLATION PRESSURE</u>	<i>Front</i>	26.0	<i>Rear</i>	24.0
HOT PRESSURE TARGET	<i>Front</i>	34.0	<i>Rear</i>	38.0
<i>Front Engine, Rear Wheel Drive Applications</i>				
<u>MINIMUM INFLATION PRESSURE</u>	<i>Front</i>	24.0	<i>Rear</i>	24.0
HOT PRESSURE TARGET	<i>Front</i>	32.0	<i>Rear</i>	32.0
<i>Mid Engine, Rear Wheel Drive Applications</i>				
<u>MINIMUM INFLATION PRESSURE</u>	<i>Front</i>	24.0	<i>Rear</i>	26.0
HOT PRESSURE TARGET	<i>Front</i>	34.0	<i>Rear</i>	34.0
Touring and Super Touring Class				
<i>Front Engine, Front Wheel Drive Applications</i>				
<u>MINIMUM INFLATION PRESSURE</u>	<i>Front</i>	26.0	<i>Rear</i>	24.0
HOT PRESSURE TARGET	<i>Front</i>	32.0	<i>Rear</i>	36.0
<i>Front Engine, Rear Wheel Drive Applications</i>				
<u>MINIMUM INFLATION PRESSURE</u>	<i>Front</i>	24.0	<i>Rear</i>	24.0
HOT PRESSURE TARGET	<i>Front</i>	32.0	<i>Rear</i>	32.0
CAR SETUP PARAMETERS				
Maximum Static Camber -Front Axle	-3.5 deg			
Maximum Static Camber -Rear Axle	-3.0 deg			
NOTE				
Please remember that not complying with the technical prescriptions will expose the product to excessive levels of mechanical stress, which could effect the integrity of the product.				
To avoid any damage to the tyres caused by air leaks, we recommend the following:				
- use metal valves bodies instead of rubber ones;				
- check the fixing of the valves and their seal frequently;				
- check the valve core;				
- use metal valve caps with integral rubber o-ring seal.				



STATIC MEASUREMENTS

Slick Tyres				
Size & Fitment	Nominal Weight	Max Width (C)	Circumference (πD)	Tread Width (Cb)
	(kilograms)	(mm)	(mm)	(mm)
245/620-17 <i>17" x 8J</i>	10.4	235	1950	220
245/645-18 <i>18" x 8J</i>	10.3	240	2040	240
265/645-18 <i>18" x 9.5J</i>	10.3	266	2045	260
265/660-18 <i>18" x 9.5J</i>	10.9	278	1092	240
305/645-18 <i>18" x 11J</i>	10.3	302	2042	280
305/660-18 <i>18" x 11J</i>	10.2	302	2080	280
305/680-18 <i>18" x 11J</i>	11.8	305	2148	280



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

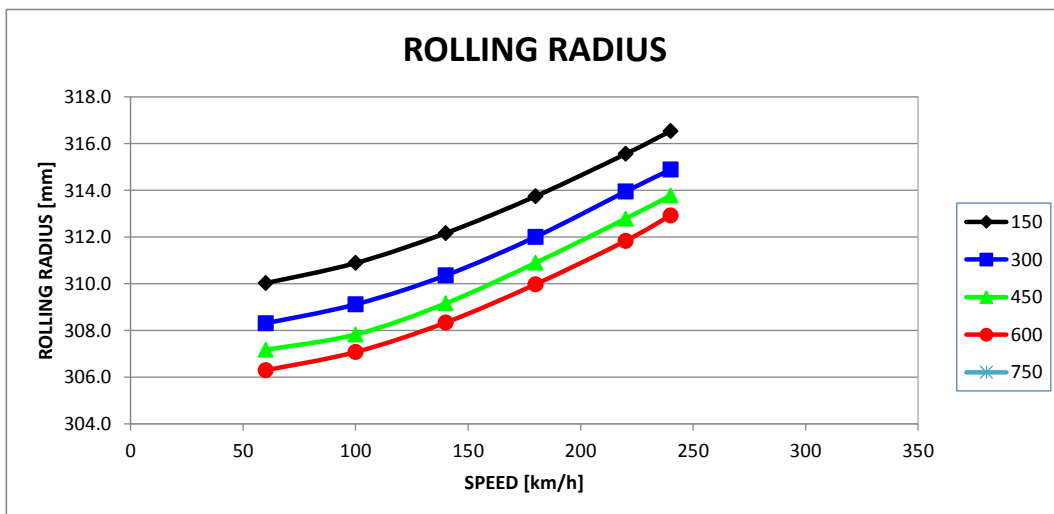
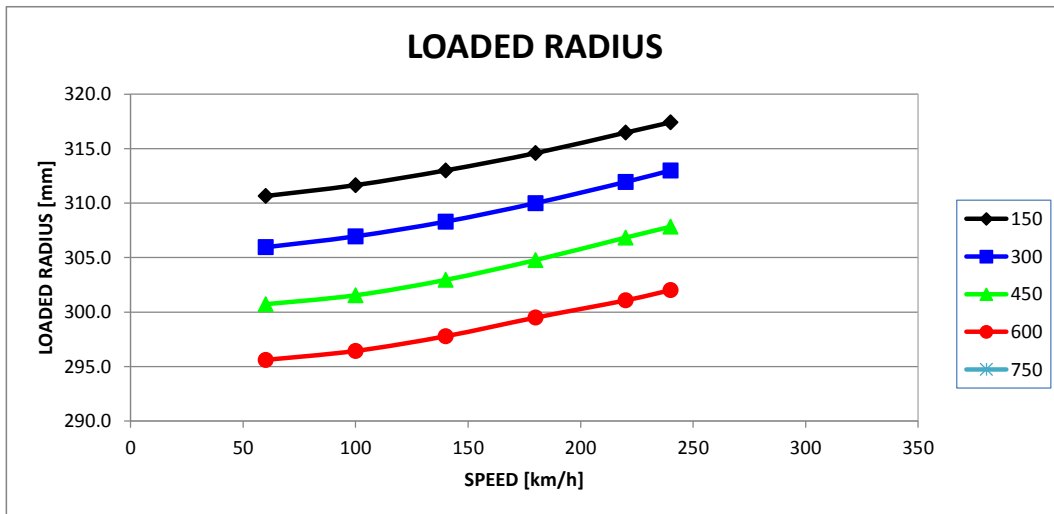
245/620-17x8.0J DH

LOADED RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20					
	60	310.6	305.9	300.7	295.6	
	100	311.6	306.9	301.5	296.4	
	140	313.0	308.3	302.9	297.8	
	180	314.6	310.0	304.8	299.5	
	220	316.5	311.9	306.8	301.1	
	240	317.4	313.0	307.8	302.0	
	280					
	300					

ROLLING RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20					
	60	310.0	308.3	307.2	306.3	
	100	310.9	309.1	307.8	307.1	
	140	312.2	310.4	309.2	308.3	
	180	313.8	312.0	310.9	310.0	
	220	315.6	314.0	312.8	311.8	
	240	316.5	314.9	313.8	312.9	
	280					
	300					



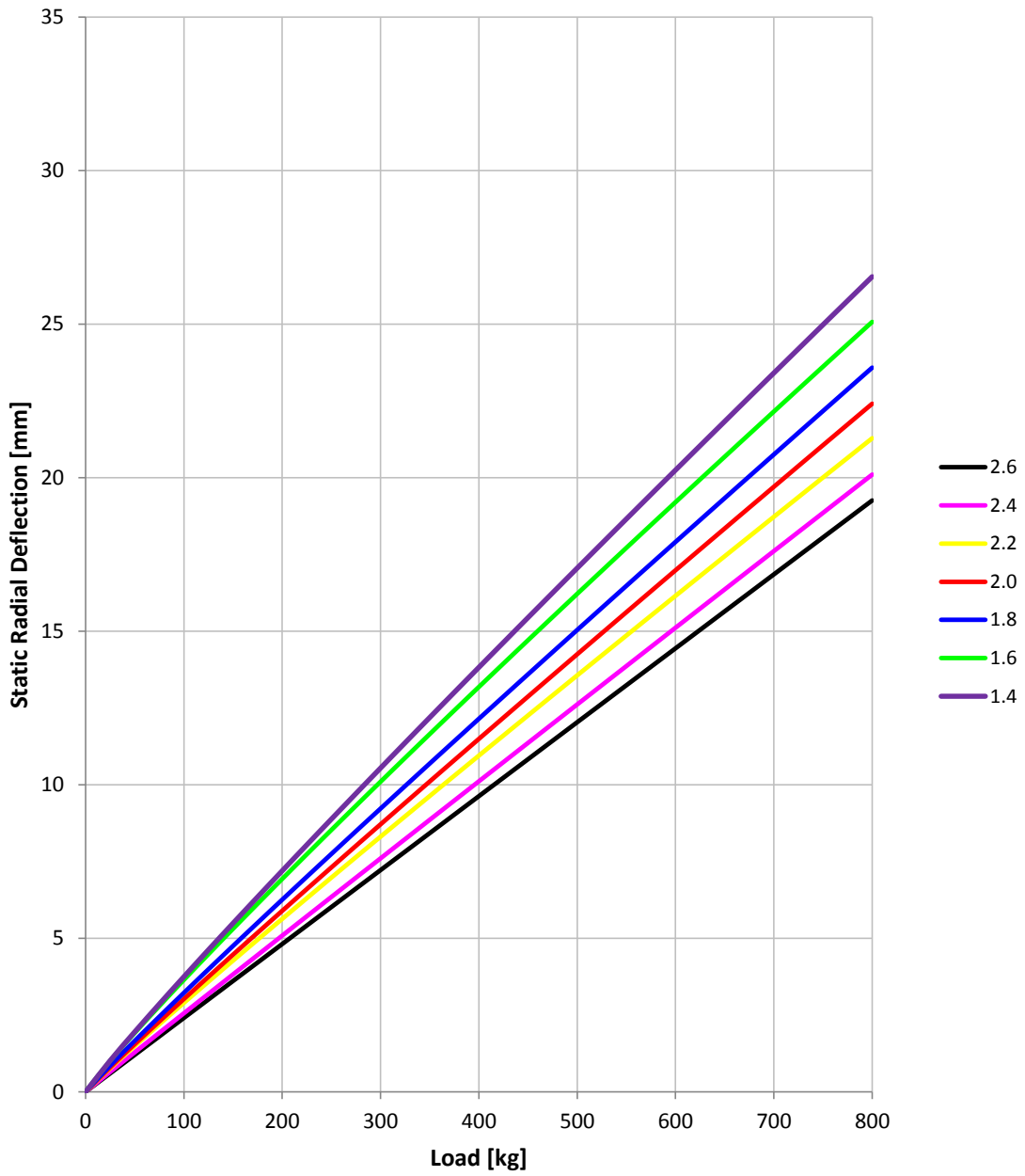


STATIC RADIAL DEFLECTION – 245/620-17x8.0J @ CA 0.0 ° DH

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	0.6	0.6	0.8	0.8	0.9	1.0	1.0
50	1.2	1.3	1.5	1.6	1.7	1.9	2.0
75	1.8	1.9	2.2	2.3	2.4	2.8	2.9
100	2.4	2.6	2.9	3.0	3.2	3.6	3.7
125	3.0	3.2	3.6	3.7	4.0	4.5	4.6
150	3.6	3.8	4.3	4.5	4.8	5.3	5.5
175	4.2	4.5	5.0	5.2	5.5	6.1	6.3
200	4.8	5.1	5.6	5.9	6.3	6.9	7.2
225	5.4	5.7	6.3	6.6	7.0	7.7	8.0
250	6.0	6.3	7.0	7.3	7.7	8.5	8.9
275	6.6	7.0	7.6	8.0	8.5	9.3	9.7
300	7.2	7.6	8.3	8.7	9.2	10.1	10.5
325	7.8	8.2	9.0	9.4	10.0	10.9	11.4
350	8.4	8.9	9.6	10.1	10.7	11.6	12.2
375	9.0	9.5	10.3	10.8	11.4	12.4	13.0
400	9.6	10.1	10.9	11.5	12.1	13.2	13.8
425	10.2	10.7	11.6	12.2	12.9	13.9	14.6
450	10.8	11.4	12.3	12.9	13.6	14.7	15.4
475	11.4	12.0	12.9	13.6	14.3	15.5	16.2
500	12.0	12.6	13.6	14.2	15.0	16.2	17.1
525	12.6	13.2	14.2	14.9	15.8	17.0	17.9
550	13.2	13.9	14.9	15.6	16.5	17.7	18.7
575	13.8	14.5	15.5	16.3	17.2	18.5	19.4
600	14.4	15.1	16.1	17.0	17.9	19.2	20.2
625	15.0	15.7	16.8	17.7	18.6	19.9	21.0
650	15.6	16.4	17.4	18.3	19.3	20.7	21.8
675	16.2	17.0	18.1	19.0	20.0	21.4	22.6
700	16.8	17.6	18.7	19.7	20.8	22.1	23.4
725	17.4	18.2	19.4	20.4	21.5	22.9	24.2
750	18.1	18.9	20.0	21.1	22.2	23.6	25.0
775	18.7	19.5	20.6	21.7	22.9	24.3	25.8
800	19.3	20.1	21.3	22.4	23.6	25.1	26.5



STATIC RADIAL DEFLECTION – 245/620-17x8.0J @ CA 0.0° DH



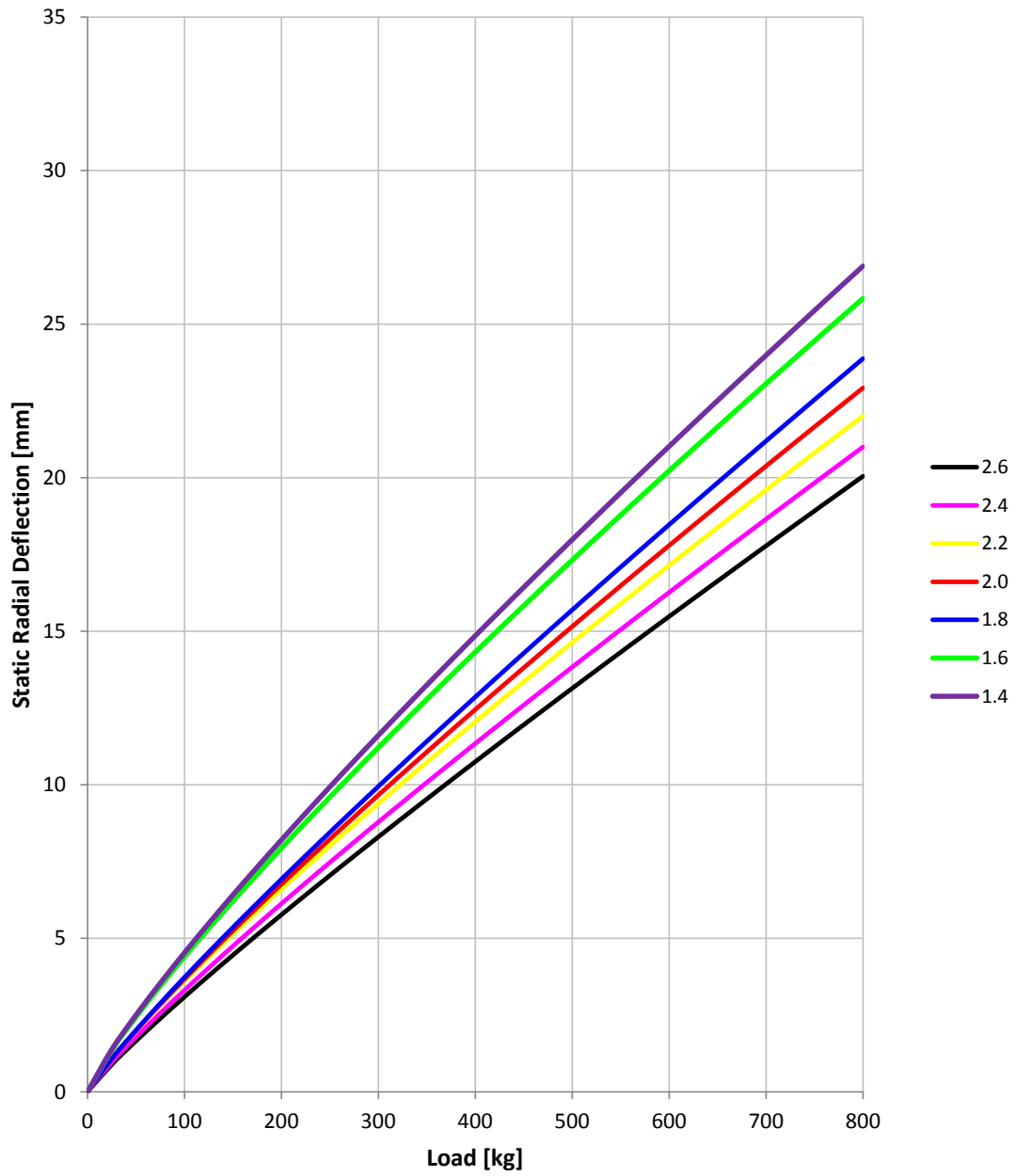


STATIC RADIAL DEFLECTION – 245/620-17x8.0J @ CA -3.0 ° DH

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	0.9	1.0	1.1	1.1	1.1	1.4	1.4
50	1.7	1.8	2.0	2.0	2.0	2.4	2.5
75	2.4	2.6	2.8	2.8	2.9	3.4	3.5
100	3.1	3.3	3.6	3.7	3.7	4.4	4.5
125	3.8	4.0	4.4	4.5	4.6	5.3	5.5
150	4.5	4.7	5.1	5.2	5.4	6.2	6.4
175	5.1	5.4	5.9	6.0	6.1	7.1	7.3
200	5.8	6.1	6.6	6.8	6.9	7.9	8.2
225	6.4	6.8	7.3	7.5	7.7	8.8	9.1
250	7.0	7.5	8.0	8.2	8.5	9.6	9.9
275	7.7	8.1	8.7	8.9	9.2	10.4	10.8
300	8.3	8.8	9.4	9.7	9.9	11.2	11.6
325	8.9	9.4	10.1	10.4	10.7	12.0	12.4
350	9.5	10.1	10.7	11.1	11.4	12.8	13.2
375	10.1	10.7	11.4	11.8	12.1	13.6	14.1
400	10.7	11.3	12.1	12.4	12.9	14.3	14.9
425	11.4	12.0	12.7	13.1	13.6	15.1	15.6
450	12.0	12.6	13.3	13.8	14.3	15.8	16.4
475	12.5	13.2	14.0	14.5	15.0	16.6	17.2
500	13.1	13.8	14.6	15.1	15.7	17.3	18.0
525	13.7	14.4	15.3	15.8	16.4	18.0	18.7
550	14.3	15.1	15.9	16.5	17.1	18.8	19.5
575	14.9	15.7	16.5	17.1	17.8	19.5	20.3
600	15.5	16.3	17.1	17.8	18.5	20.2	21.0
625	16.1	16.9	17.8	18.4	19.2	20.9	21.8
650	16.6	17.5	18.4	19.1	19.8	21.6	22.5
675	17.2	18.1	19.0	19.7	20.5	22.4	23.2
700	17.8	18.6	19.6	20.4	21.2	23.1	24.0
725	18.3	19.2	20.2	21.0	21.9	23.8	24.7
750	18.9	19.8	20.8	21.7	22.5	24.5	25.4
775	19.5	20.4	21.4	22.3	23.2	25.1	26.2
800	20.0	21.0	22.0	22.9	23.9	25.8	26.9



STATIC RADIAL DEFLECTION – 245/620-17x8.0J @ CA -3.0° DH





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

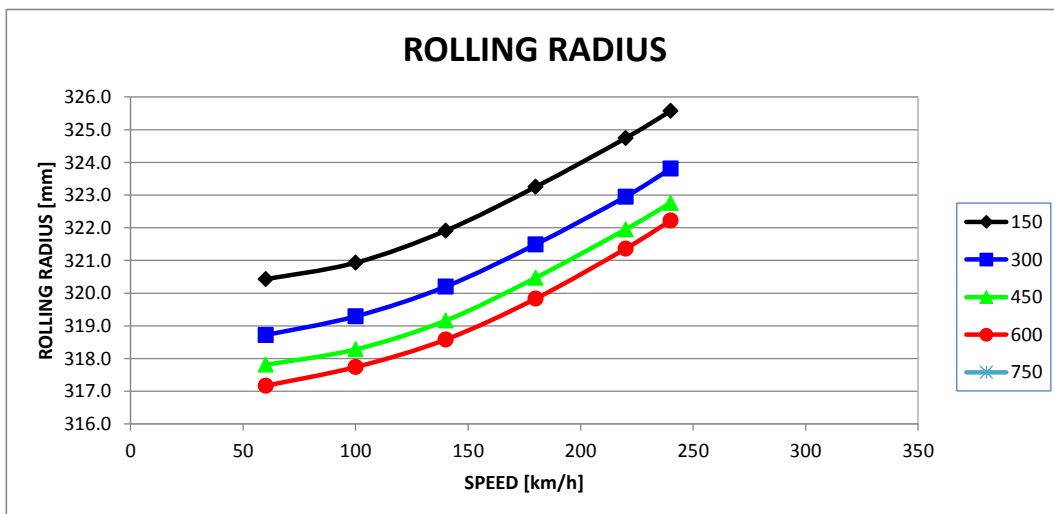
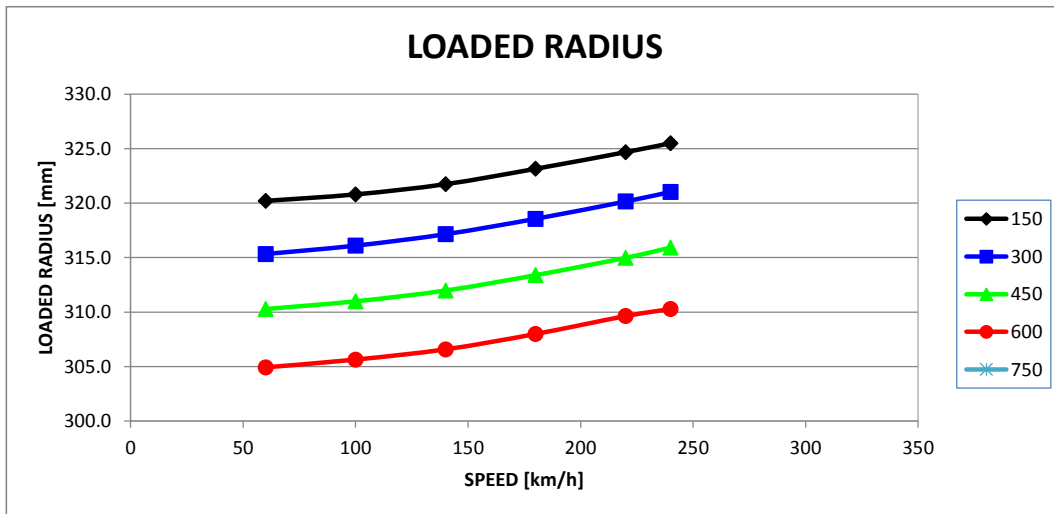
245/645-18x8.0J DH

LOADED RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20					
	60	320.2	315.3	310.3	304.9	
	100	320.8	316.1	311.0	305.6	
	140	321.7	317.1	312.0	306.6	
	180	323.1	318.6	313.4	308.0	
	220	324.7	320.1	315.0	309.6	
	240	325.5	321.0	315.9	310.3	
	280					
	300					

ROLLING RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20					
	60	320.4	318.7	317.8	317.2	
	100	320.9	319.3	318.3	317.7	
	140	321.9	320.2	319.2	318.6	
	180	323.3	321.5	320.5	319.8	
	220	324.7	323.0	322.0	321.4	
	240	325.6	323.8	322.8	322.2	
	280					
	300					



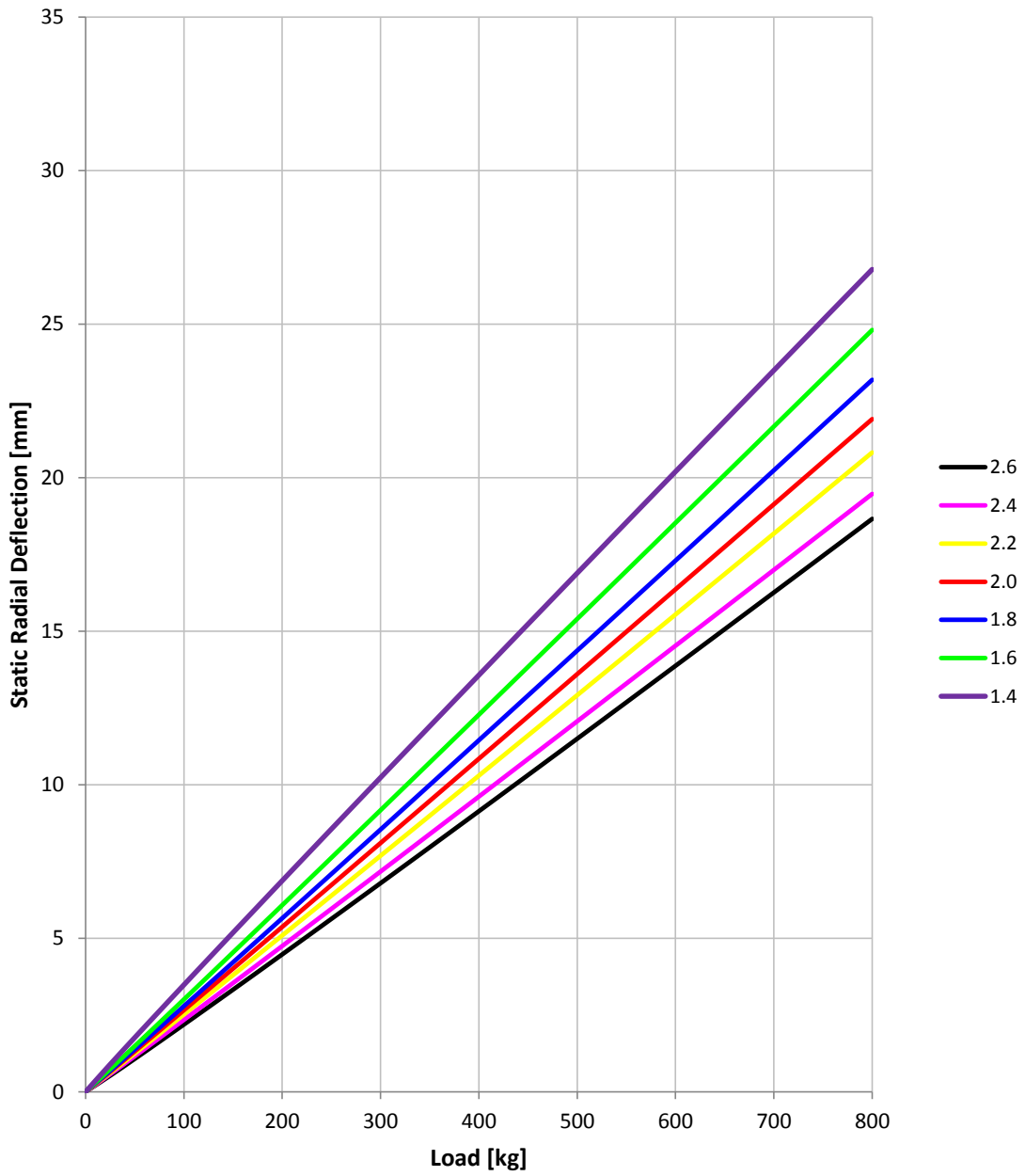


STATIC RADIAL DEFLECTION – 245/645-18x9.0J @ CA 0.0 ° DH

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	0.5	0.6	0.6	0.7	0.7	0.7	0.9
50	1.1	1.2	1.2	1.3	1.4	1.5	1.8
75	1.6	1.7	1.9	2.0	2.1	2.2	2.6
100	2.2	2.3	2.5	2.7	2.8	3.0	3.5
125	2.8	2.9	3.2	3.3	3.5	3.8	4.3
150	3.3	3.5	3.8	4.0	4.2	4.5	5.2
175	3.9	4.1	4.4	4.7	4.9	5.3	6.0
200	4.5	4.7	5.1	5.4	5.7	6.1	6.9
225	5.1	5.4	5.7	6.1	6.4	6.8	7.7
250	5.6	6.0	6.4	6.7	7.1	7.6	8.6
275	6.2	6.6	7.0	7.4	7.8	8.4	9.4
300	6.8	7.2	7.7	8.1	8.5	9.2	10.2
325	7.4	7.8	8.3	8.8	9.3	9.9	11.1
350	8.0	8.4	9.0	9.5	10.0	10.7	11.9
375	8.5	9.0	9.6	10.2	10.7	11.5	12.7
400	9.1	9.6	10.3	10.8	11.4	12.3	13.6
425	9.7	10.2	10.9	11.5	12.2	13.1	14.4
450	10.3	10.8	11.6	12.2	12.9	13.8	15.2
475	10.9	11.5	12.3	12.9	13.6	14.6	16.1
500	11.5	12.1	12.9	13.6	14.4	15.4	16.9
525	12.1	12.7	13.6	14.3	15.1	16.2	17.7
550	12.7	13.3	14.2	15.0	15.8	17.0	18.5
575	13.3	13.9	14.9	15.7	16.6	17.7	19.4
600	13.9	14.5	15.5	16.4	17.3	18.5	20.2
625	14.5	15.1	16.2	17.1	18.0	19.3	21.0
650	15.1	15.8	16.9	17.7	18.8	20.1	21.8
675	15.7	16.4	17.5	18.4	19.5	20.9	22.7
700	16.3	17.0	18.2	19.1	20.2	21.7	23.5
725	16.9	17.6	18.8	19.8	21.0	22.4	24.3
750	17.5	18.2	19.5	20.5	21.7	23.2	25.1
775	18.1	18.8	20.2	21.2	22.4	24.0	26.0
800	18.7	19.5	20.8	21.9	23.2	24.8	26.8



STATIC RADIAL DEFLECTION – 245/645-18x9.0J @ CA 0.0° DH



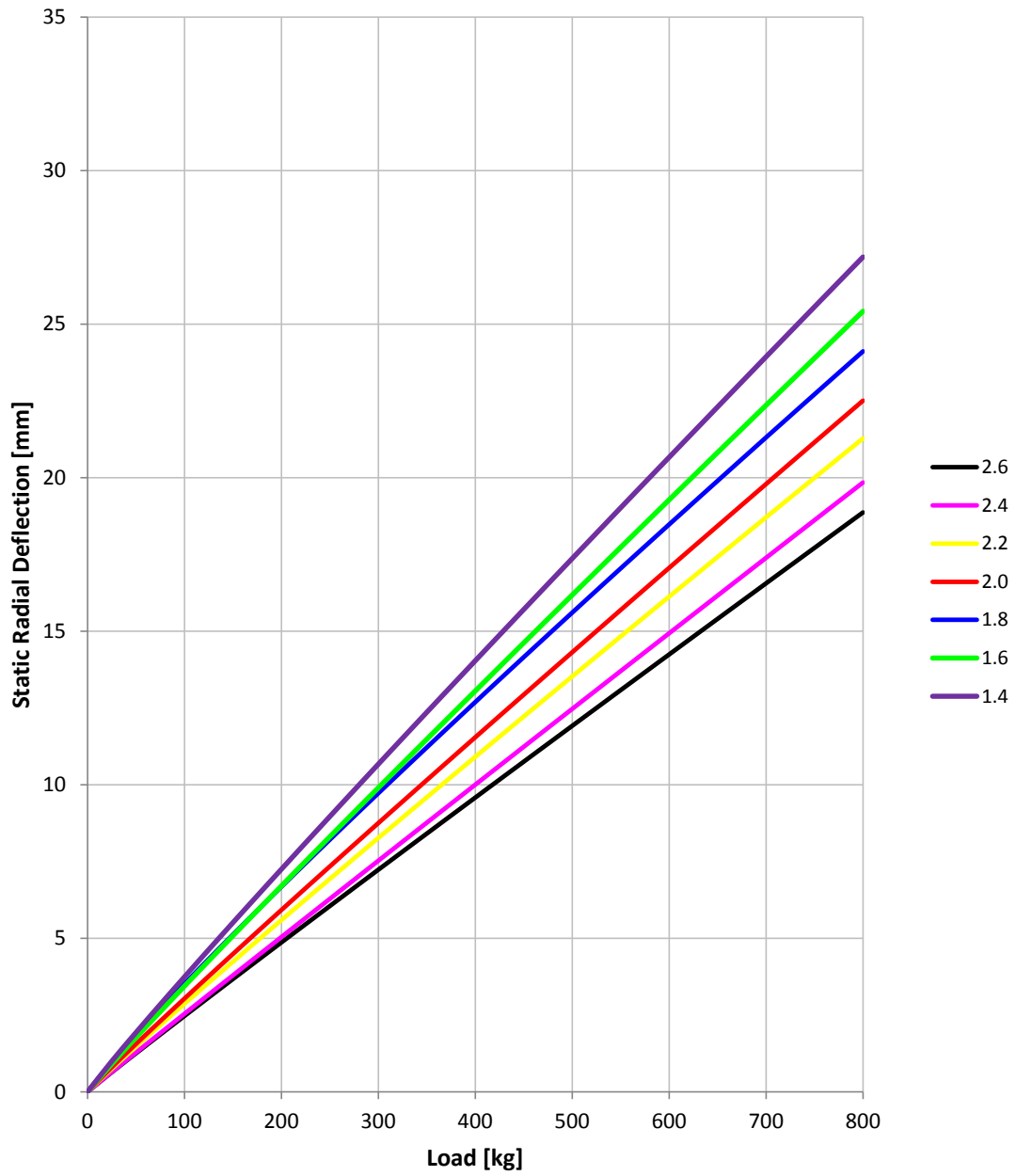


STATIC RADIAL DEFLECTION – 245/645-18x9.0J @ CA -3.0 ° DH

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	0.6	0.6	0.8	0.8	1.0	0.9	1.0
50	1.3	1.3	1.5	1.6	1.9	1.8	1.9
75	1.9	1.9	2.2	2.3	2.7	2.6	2.8
100	2.5	2.5	2.9	3.0	3.5	3.4	3.7
125	3.1	3.2	3.6	3.8	4.3	4.3	4.6
150	3.7	3.8	4.2	4.5	5.1	5.1	5.5
175	4.3	4.4	4.9	5.2	5.9	5.9	6.4
200	4.9	5.0	5.6	5.9	6.7	6.7	7.2
225	5.5	5.7	6.3	6.6	7.4	7.5	8.1
250	6.1	6.3	6.9	7.3	8.2	8.3	9.0
275	6.6	6.9	7.6	8.0	9.0	9.1	9.8
300	7.2	7.5	8.3	8.8	9.7	9.9	10.7
325	7.8	8.1	8.9	9.5	10.5	10.7	11.5
350	8.4	8.8	9.6	10.2	11.2	11.5	12.4
375	9.0	9.4	10.2	10.8	12.0	12.3	13.2
400	9.6	10.0	10.9	11.5	12.7	13.1	14.0
425	10.2	10.6	11.6	12.2	13.4	13.8	14.9
450	10.7	11.2	12.2	12.9	14.2	14.6	15.7
475	11.3	11.9	12.9	13.6	14.9	15.4	16.5
500	11.9	12.5	13.5	14.3	15.6	16.2	17.4
525	12.5	13.1	14.2	15.0	16.3	17.0	18.2
550	13.1	13.7	14.8	15.7	17.0	17.7	19.0
575	13.7	14.3	15.5	16.4	17.8	18.5	19.8
600	14.2	14.9	16.1	17.1	18.5	19.3	20.7
625	14.8	15.5	16.8	17.7	19.2	20.0	21.5
650	15.4	16.2	17.4	18.4	19.9	20.8	22.3
675	16.0	16.8	18.1	19.1	20.6	21.6	23.1
700	16.6	17.4	18.7	19.8	21.3	22.4	23.9
725	17.1	18.0	19.3	20.5	22.0	23.1	24.7
750	17.7	18.6	20.0	21.1	22.7	23.9	25.6
775	18.3	19.2	20.6	21.8	23.4	24.7	26.4
800	18.9	19.8	21.3	22.5	24.1	25.4	27.2



STATIC RADIAL DEFLECTION – 245/645-18x9.0J @ CA -3.0° DH





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

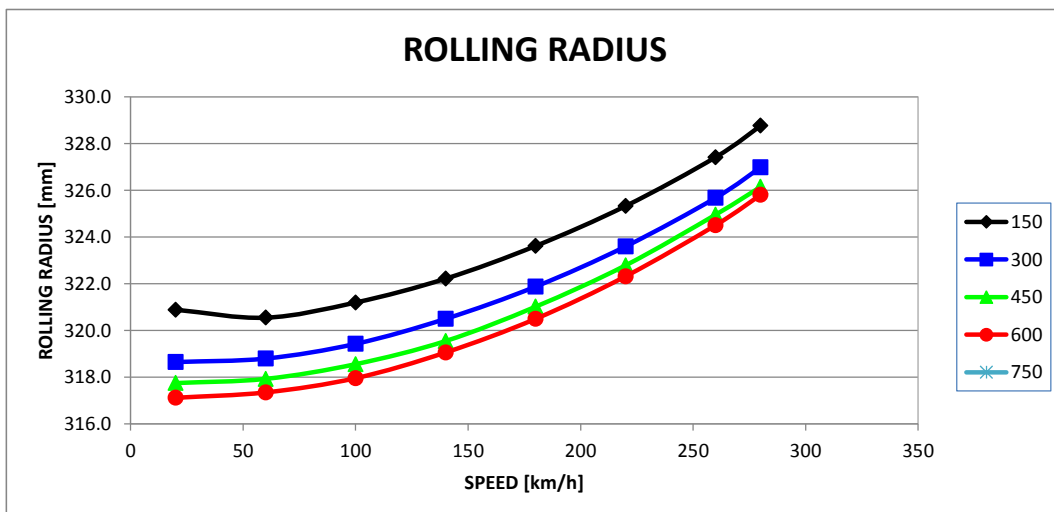
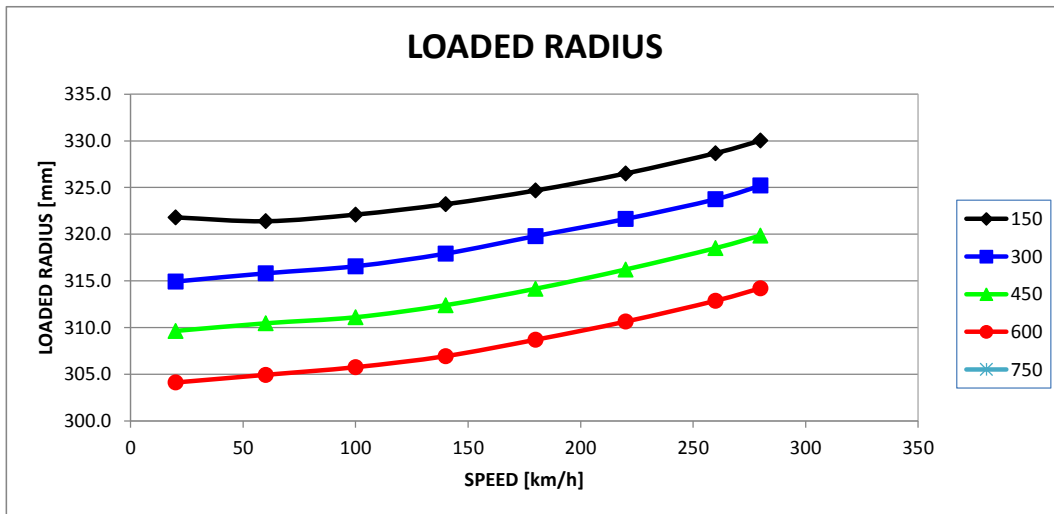
265/645-18x9.5J DH

LOADED RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	321.8	314.9	309.6	304.1	
	60	321.4	315.8	310.5	304.9	
	100	322.1	316.6	311.1	305.8	
	140	323.2	317.9	312.4	306.9	
	180	324.7	319.8	314.2	308.7	
	220	326.5	321.6	316.2	310.6	
	260	328.7	323.7	318.5	312.9	
	280	330.0	325.2	319.9	314.2	
	300					

ROLLING RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	320.9	318.6	317.8	317.1	
	60	320.5	318.8	317.9	317.4	
	100	321.2	319.4	318.6	318.0	
	140	322.2	320.5	319.5	319.1	
	180	323.6	321.9	321.0	320.5	
	220	325.3	323.6	322.8	322.3	
	260	327.4	325.7	325.0	324.5	
	280	328.8	327.0	326.1	325.8	
	300					



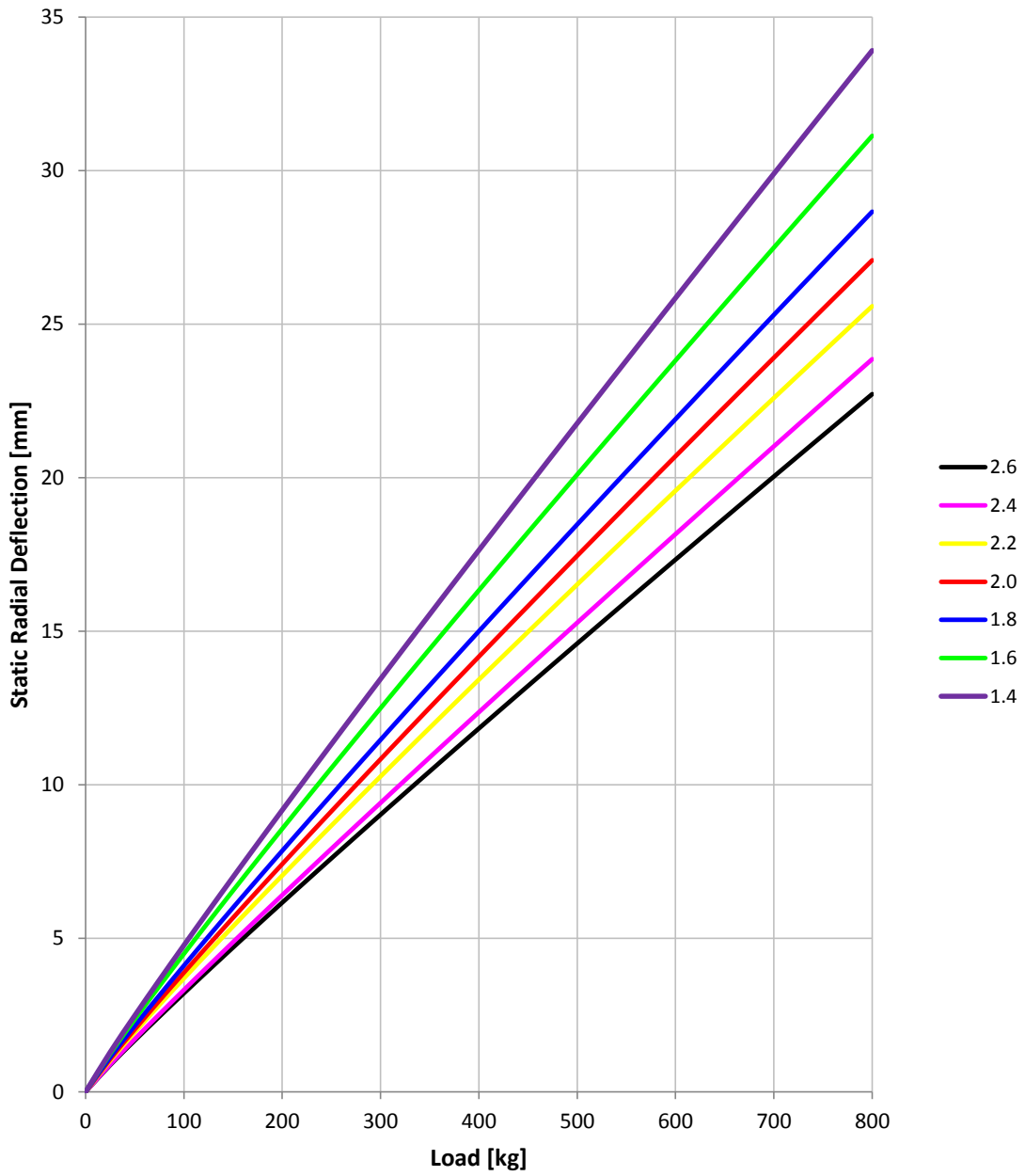


STATIC RADIAL DEFLECTION – 265/645-18x9.5J @ CA 0.0 ° DH

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	0.9	0.9	1.0	1.1	1.1	1.2	1.3
50	1.7	1.7	1.9	2.0	2.1	2.4	2.5
75	2.4	2.5	2.8	3.0	3.1	3.4	3.6
100	3.2	3.3	3.7	3.9	4.1	4.5	4.8
125	4.0	4.1	4.5	4.8	5.1	5.5	5.9
150	4.7	4.9	5.4	5.7	6.0	6.6	7.0
175	5.4	5.6	6.2	6.5	6.9	7.6	8.1
200	6.2	6.4	7.0	7.4	7.8	8.6	9.2
225	6.9	7.2	7.9	8.3	8.8	9.6	10.2
250	7.6	7.9	8.7	9.1	9.7	10.5	11.3
275	8.3	8.7	9.5	10.0	10.6	11.5	12.4
300	9.0	9.4	10.3	10.8	11.5	12.5	13.4
325	9.7	10.2	11.1	11.7	12.4	13.5	14.5
350	10.4	10.9	11.9	12.5	13.2	14.4	15.5
375	11.1	11.6	12.6	13.3	14.1	15.4	16.6
400	11.8	12.4	13.4	14.2	15.0	16.3	17.6
425	12.5	13.1	14.2	15.0	15.9	17.3	18.7
450	13.2	13.8	15.0	15.8	16.7	18.2	19.7
475	13.9	14.5	15.7	16.6	17.6	19.2	20.7
500	14.6	15.3	16.5	17.5	18.5	20.1	21.8
525	15.3	16.0	17.3	18.3	19.3	21.0	22.8
550	16.0	16.7	18.1	19.1	20.2	22.0	23.8
575	16.6	17.4	18.8	19.9	21.1	22.9	24.8
600	17.3	18.2	19.6	20.7	21.9	23.8	25.8
625	18.0	18.9	20.3	21.5	22.8	24.7	26.9
650	18.7	19.6	21.1	22.3	23.6	25.7	27.9
675	19.4	20.3	21.8	23.1	24.5	26.6	28.9
700	20.0	21.0	22.6	23.9	25.3	27.5	29.9
725	20.7	21.7	23.3	24.7	26.1	28.4	30.9
750	21.4	22.4	24.1	25.5	27.0	29.3	31.9
775	22.0	23.1	24.8	26.3	27.8	30.2	32.9
800	22.7	23.9	25.6	27.1	28.7	31.1	33.9



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



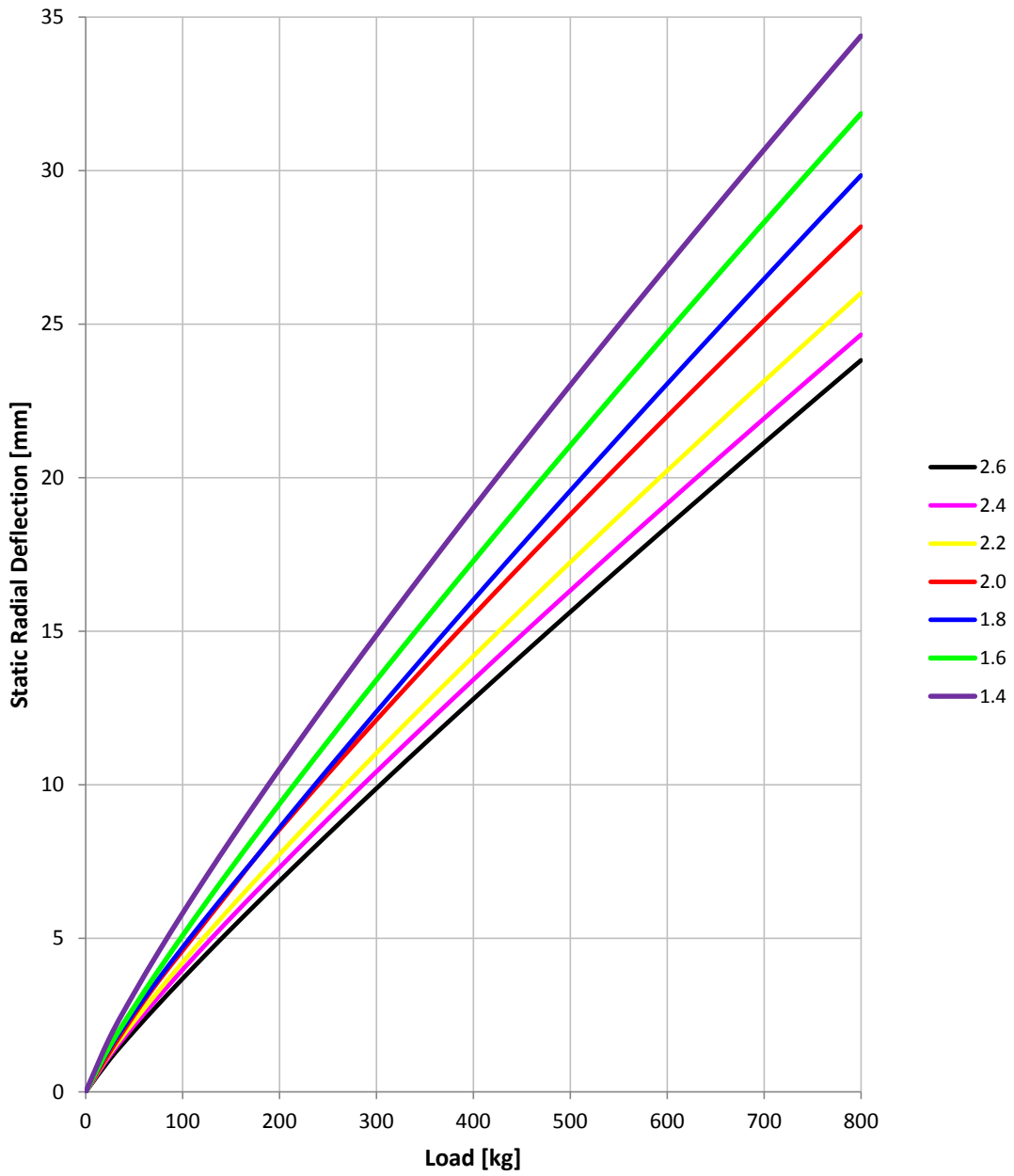


STATIC RADIAL DEFLECTION – 265/645-18x9.5J @ CA -3.0 ° DH

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	1.1	1.2	1.3	1.3	1.4	1.5	1.8
50	2.0	2.2	2.3	2.5	2.6	2.8	3.2
75	2.8	3.1	3.3	3.6	3.7	3.9	4.5
100	3.7	4.0	4.2	4.6	4.7	5.1	5.8
125	4.5	4.8	5.1	5.6	5.7	6.2	7.0
150	5.3	5.7	6.0	6.6	6.7	7.3	8.2
175	6.1	6.5	6.9	7.6	7.6	8.3	9.4
200	6.9	7.3	7.7	8.5	8.6	9.4	10.5
225	7.6	8.1	8.6	9.5	9.6	10.4	11.6
250	8.4	8.9	9.4	10.4	10.5	11.4	12.7
275	9.1	9.7	10.2	11.2	11.4	12.4	13.8
300	9.9	10.4	11.0	12.1	12.4	13.4	14.9
325	10.6	11.2	11.8	13.0	13.3	14.4	15.9
350	11.3	11.9	12.6	13.8	14.2	15.4	17.0
375	12.1	12.7	13.4	14.7	15.1	16.3	18.0
400	12.8	13.4	14.2	15.5	16.0	17.3	19.0
425	13.5	14.2	15.0	16.3	16.9	18.2	20.0
450	14.2	14.9	15.7	17.2	17.8	19.2	21.0
475	14.9	15.6	16.5	18.0	18.7	20.1	22.0
500	15.6	16.3	17.2	18.8	19.6	21.0	23.0
525	16.3	17.0	18.0	19.6	20.4	22.0	24.0
550	17.0	17.7	18.7	20.4	21.3	22.9	25.0
575	17.7	18.4	19.5	21.2	22.2	23.8	25.9
600	18.4	19.2	20.2	22.0	23.1	24.7	26.9
625	19.1	19.9	21.0	22.8	23.9	25.6	27.8
650	19.8	20.5	21.7	23.6	24.8	26.5	28.8
675	20.5	21.2	22.4	24.3	25.6	27.4	29.7
700	21.1	21.9	23.1	25.1	26.5	28.3	30.7
725	21.8	22.6	23.9	25.9	27.3	29.2	31.6
750	22.5	23.3	24.6	26.6	28.2	30.1	32.5
775	23.1	24.0	25.3	27.4	29.0	31.0	33.5
800	23.8	24.7	26.0	28.2	29.8	31.8	34.4



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





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

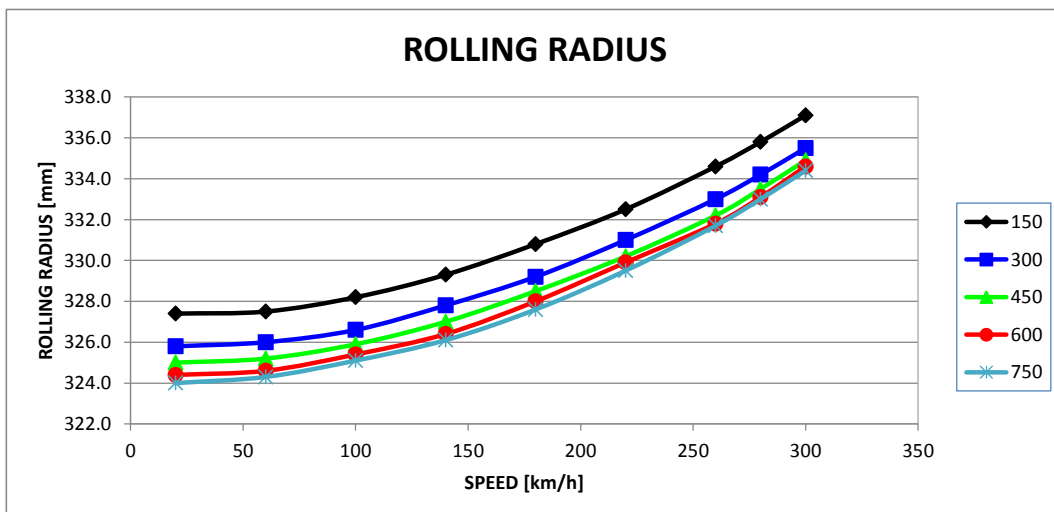
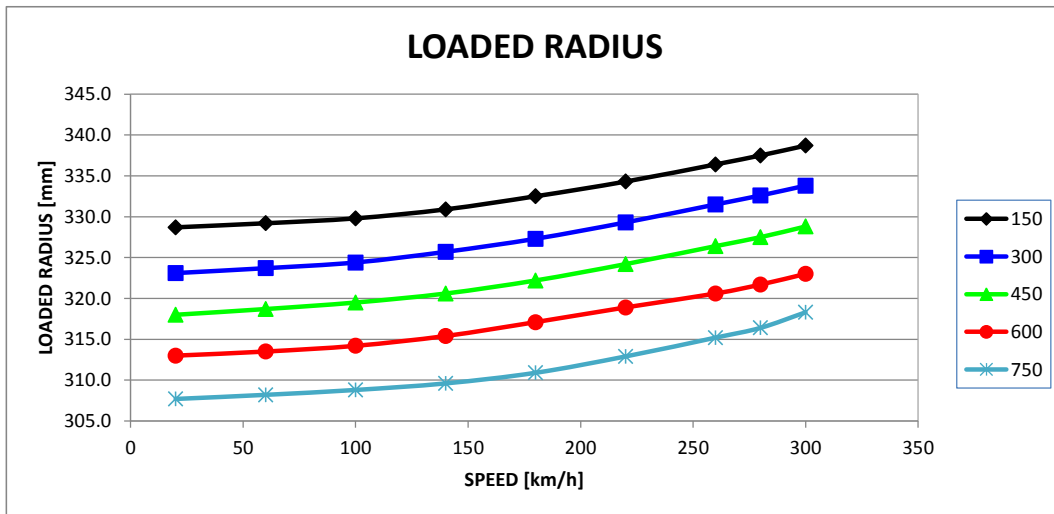
265/660-18x10.0J DH

LOADED RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	328.7	323.1	318.0	313.0	307.7
	60	329.2	323.7	318.7	313.5	308.2
	100	329.8	324.4	319.5	314.2	308.8
	140	330.9	325.7	320.6	315.4	309.6
	180	332.5	327.3	322.2	317.1	310.9
	220	334.3	329.3	324.2	318.9	312.9
	260	336.4	331.5	326.4	320.6	315.2
	280	337.5	332.6	327.5	321.7	316.4
	300	338.7	333.8	328.8	323.0	318.3

ROLLING RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	327.4	325.8	325.0	324.4	324.0
	60	327.5	326.0	325.2	324.6	324.3
	100	328.2	326.6	325.9	325.4	325.1
	140	329.3	327.8	327.0	326.4	326.1
	180	330.8	329.2	328.5	328.0	327.6
	220	332.5	331.0	330.2	329.9	329.5
	260	334.6	333.0	332.2	331.8	331.7
	280	335.8	334.2	333.5	333.1	333.0
	300	337.1	335.5	334.9	334.6	334.4



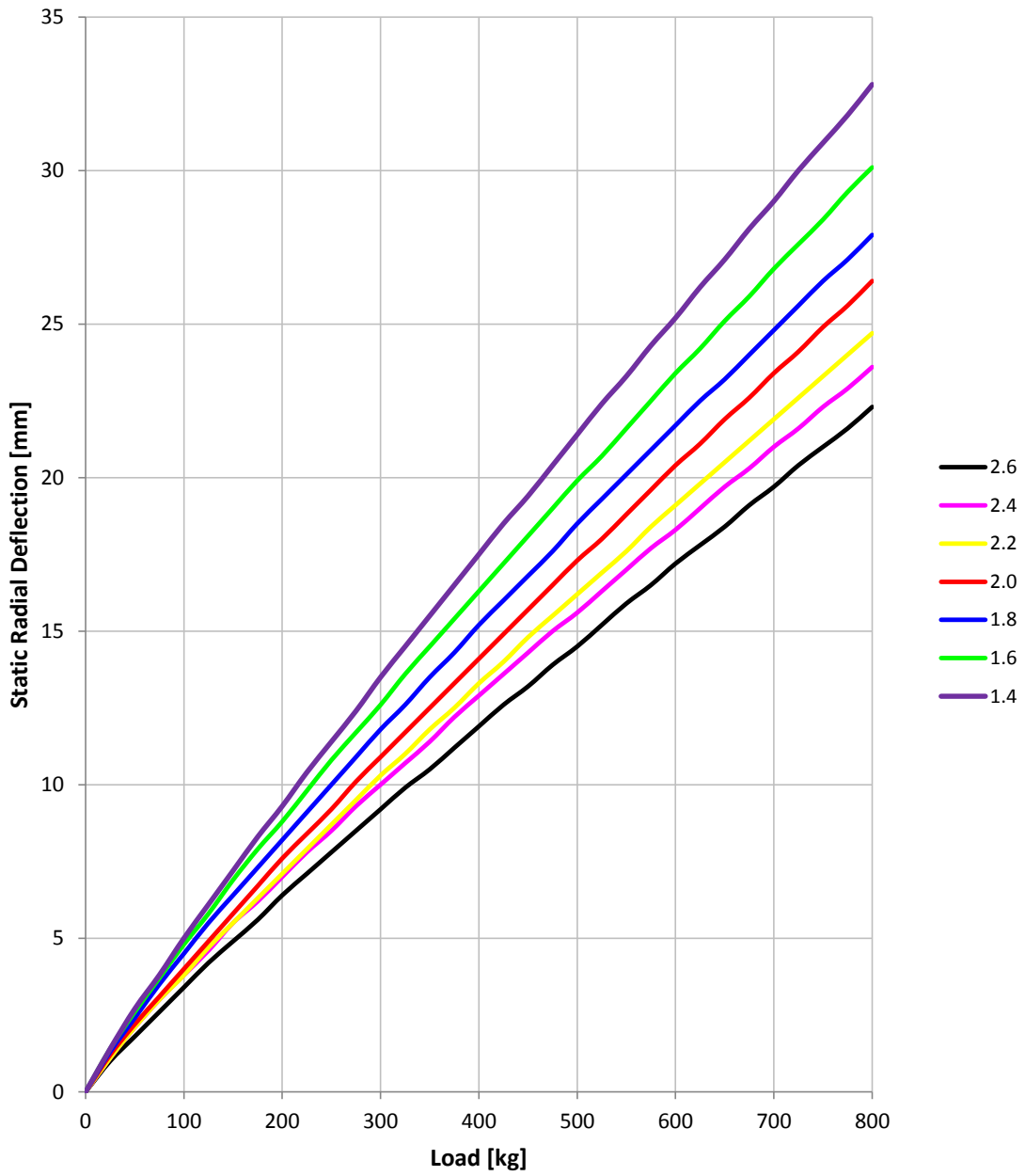


STATIC RADIAL DEFLECTION – 265/660-18x10.0J @ CA 0.0 ° DH

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	1.1	1.1	1.2	1.3	1.4	1.4
50	1.8	2.1	2.1	2.2	2.4	2.6	2.7
75	2.6	3.0	3.0	3.1	3.5	3.7	3.8
100	3.4	3.8	3.8	4.0	4.5	4.8	5.0
125	4.2	4.6	4.7	4.9	5.5	5.8	6.1
150	4.9	5.5	5.5	5.8	6.4	6.9	7.2
175	5.6	6.2	6.3	6.7	7.3	7.9	8.3
200	6.4	7.0	7.1	7.6	8.2	8.8	9.3
225	7.1	7.8	7.9	8.4	9.1	9.8	10.4
250	7.8	8.5	8.7	9.2	10.0	10.8	11.4
275	8.5	9.3	9.5	10.1	10.9	11.7	12.4
300	9.2	10.0	10.3	10.9	11.8	12.6	13.5
325	9.9	10.7	11.0	11.7	12.6	13.6	14.5
350	10.5	11.4	11.8	12.5	13.5	14.5	15.5
375	11.2	12.2	12.5	13.3	14.3	15.4	16.5
400	11.9	12.9	13.3	14.1	15.2	16.3	17.5
425	12.6	13.6	14.0	14.9	16.0	17.2	18.5
450	13.2	14.3	14.8	15.7	16.8	18.1	19.4
475	13.9	15.0	15.5	16.5	17.6	19.0	20.4
500	14.5	15.6	16.2	17.3	18.5	19.9	21.4
525	15.2	16.3	16.9	18.0	19.3	20.7	22.4
550	15.9	17.0	17.6	18.8	20.1	21.6	23.3
575	16.5	17.7	18.4	19.6	20.9	22.5	24.3
600	17.2	18.3	19.1	20.4	21.7	23.4	25.2
625	17.8	19.0	19.8	21.1	22.5	24.2	26.2
650	18.4	19.7	20.5	21.9	23.2	25.1	27.1
675	19.1	20.3	21.2	22.6	24.0	25.9	28.1
700	19.7	21.0	21.9	23.4	24.8	26.8	29.0
725	20.4	21.6	22.6	24.1	25.6	27.6	30.0
750	21.0	22.3	23.3	24.9	26.4	28.4	30.9
775	21.6	22.9	24.0	25.6	27.1	29.3	31.8
800	22.3	23.6	24.7	26.4	27.9	30.1	32.8



STATIC RADIAL DEFLECTION – 265/660-18x10.0J @ CA 0.0° DH



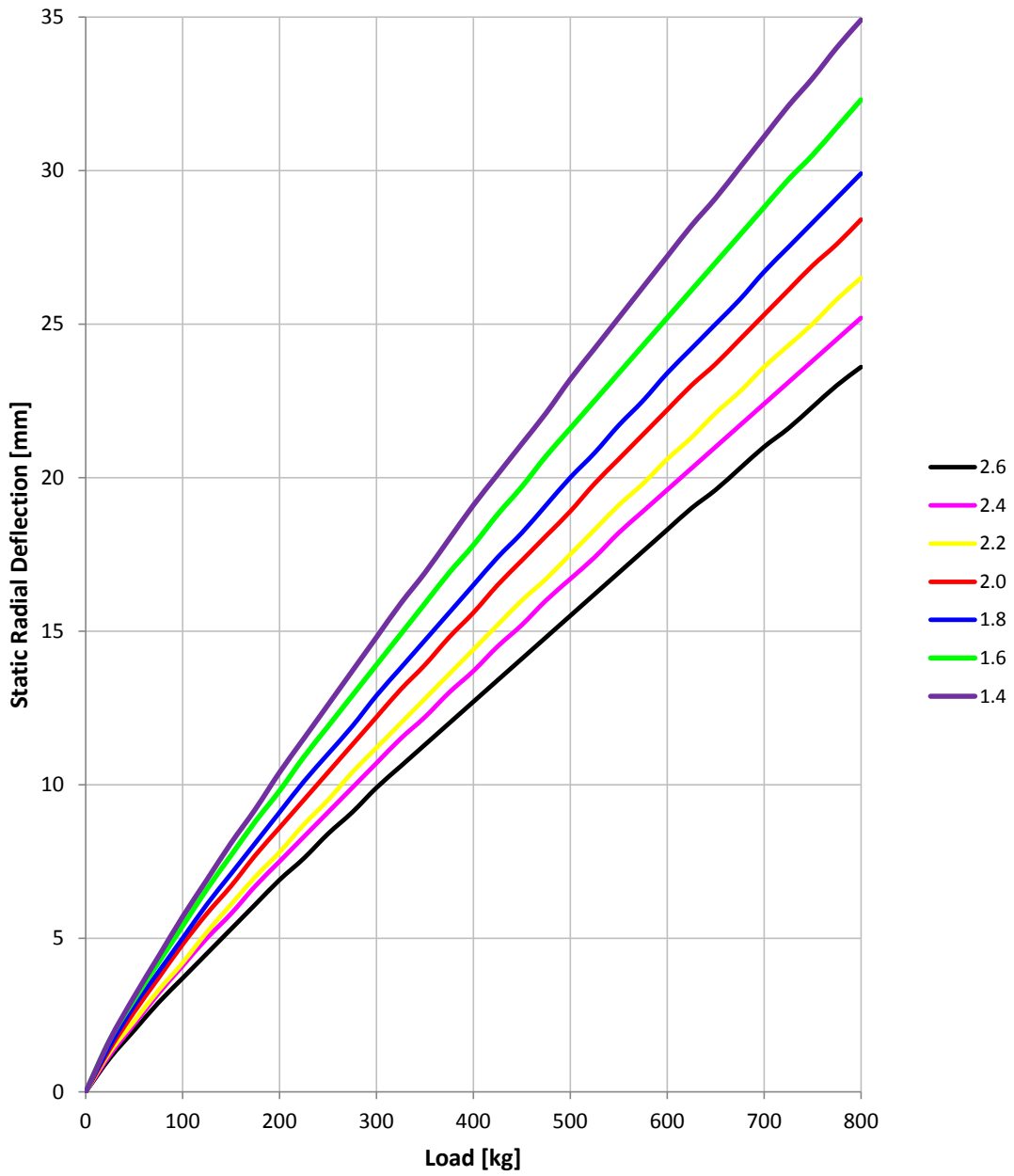


STATIC RADIAL DEFLECTION – 265/660-18x10.0J @ CA -3.0 ° DH

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	1.1	1.2	1.3	1.4	1.5	1.7	1.7
50	2.0	2.2	2.3	2.6	2.8	3.0	3.1
75	2.9	3.2	3.3	3.7	3.9	4.2	4.4
100	3.7	4.1	4.2	4.8	5.0	5.4	5.7
125	4.5	5.0	5.2	5.8	6.1	6.6	6.9
150	5.3	5.8	6.1	6.7	7.1	7.7	8.1
175	6.1	6.7	7.0	7.7	8.1	8.8	9.2
200	6.9	7.5	7.8	8.6	9.1	9.8	10.4
225	7.6	8.3	8.7	9.5	10.1	10.9	11.5
250	8.4	9.1	9.5	10.4	11.0	11.9	12.6
275	9.1	9.9	10.4	11.3	11.9	12.9	13.7
300	9.9	10.7	11.2	12.2	12.9	13.9	14.8
325	10.6	11.5	12.0	13.1	13.8	14.9	15.9
350	11.3	12.2	12.8	13.9	14.7	15.9	16.9
375	12.0	13.0	13.6	14.8	15.6	16.9	18.0
400	12.7	13.7	14.4	15.6	16.5	17.8	19.1
425	13.4	14.5	15.2	16.5	17.4	18.8	20.1
450	14.1	15.2	16.0	17.3	18.2	19.7	21.1
475	14.8	16.0	16.7	18.1	19.1	20.7	22.1
500	15.5	16.7	17.5	18.9	20.0	21.6	23.2
525	16.2	17.4	18.3	19.8	20.8	22.5	24.2
550	16.9	18.2	19.1	20.6	21.7	23.4	25.2
575	17.6	18.9	19.8	21.4	22.5	24.3	26.2
600	18.3	19.6	20.6	22.2	23.4	25.2	27.2
625	19.0	20.3	21.3	23.0	24.2	26.1	28.2
650	19.6	21.0	22.1	23.7	25.0	27.0	29.1
675	20.3	21.7	22.8	24.5	25.8	27.9	30.1
700	21.0	22.4	23.6	25.3	26.7	28.8	31.1
725	21.6	23.1	24.3	26.1	27.5	29.7	32.1
750	22.3	23.8	25.0	26.9	28.3	30.5	33.0
775	23.0	24.5	25.8	27.6	29.1	31.4	34.0
800	23.6	25.2	26.5	28.4	29.9	32.3	34.9



STATIC RADIAL DEFLECTION – 265/660-18x10.0J @ CA -3.0° DH





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

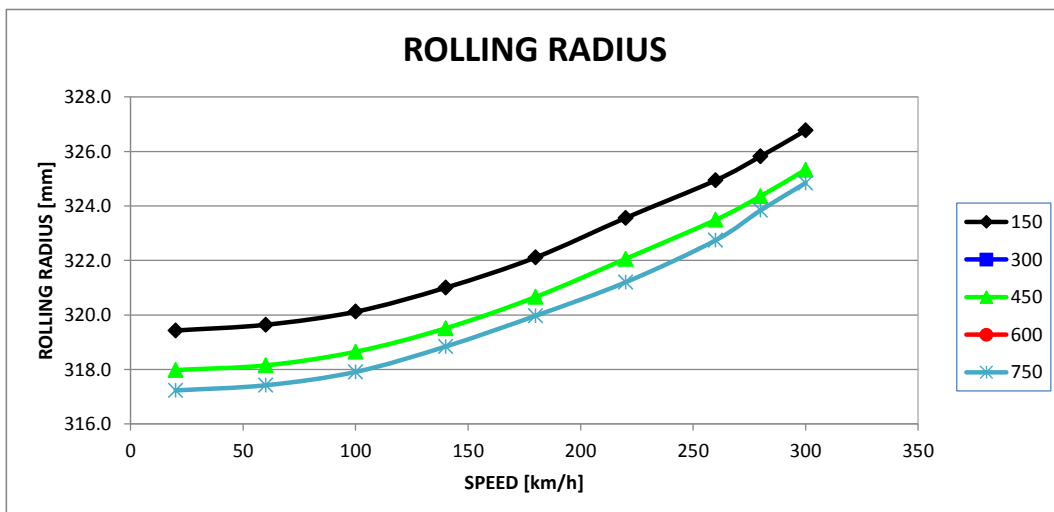
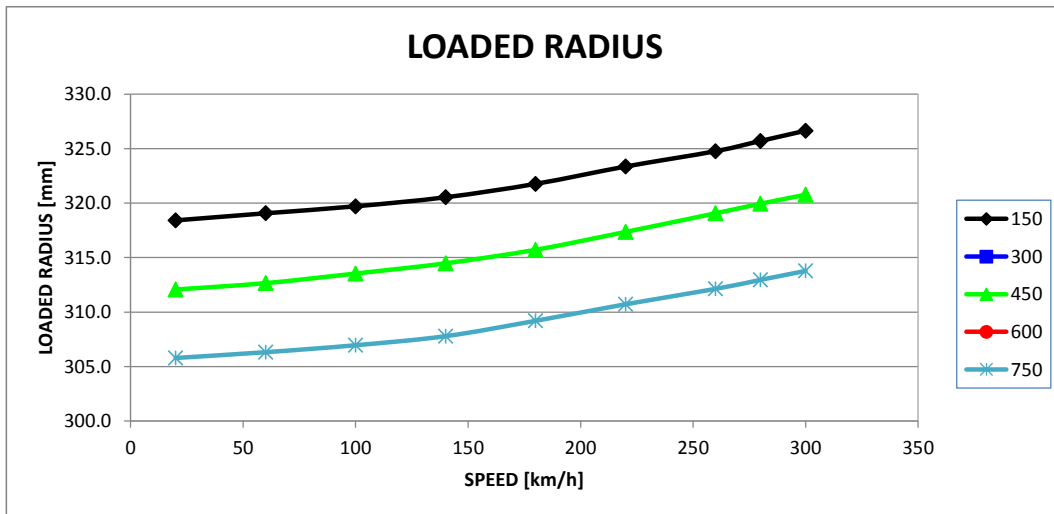
305/645-18x11.0J DH

LOADED RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	318.4		312.1		305.8
	60	319.1		312.7		306.3
	100	319.7		313.5		307.0
	140	320.5		314.5		307.8
	180	321.8		315.7		309.2
	220	323.4		317.4		310.7
	260	324.8		319.1		312.1
	280	325.7		319.9		313.0
	300	326.6		320.8		313.8

ROLLING RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	319.4		318.0		317.2
	60	319.6		318.1		317.4
	100	320.1		318.6		317.9
	140	321.0		319.5		318.8
	180	322.1		320.7		320.0
	220	323.6		322.1		321.2
	260	324.9		323.5		322.7
	280	325.8		324.4		323.8
	300	326.8		325.3		324.8



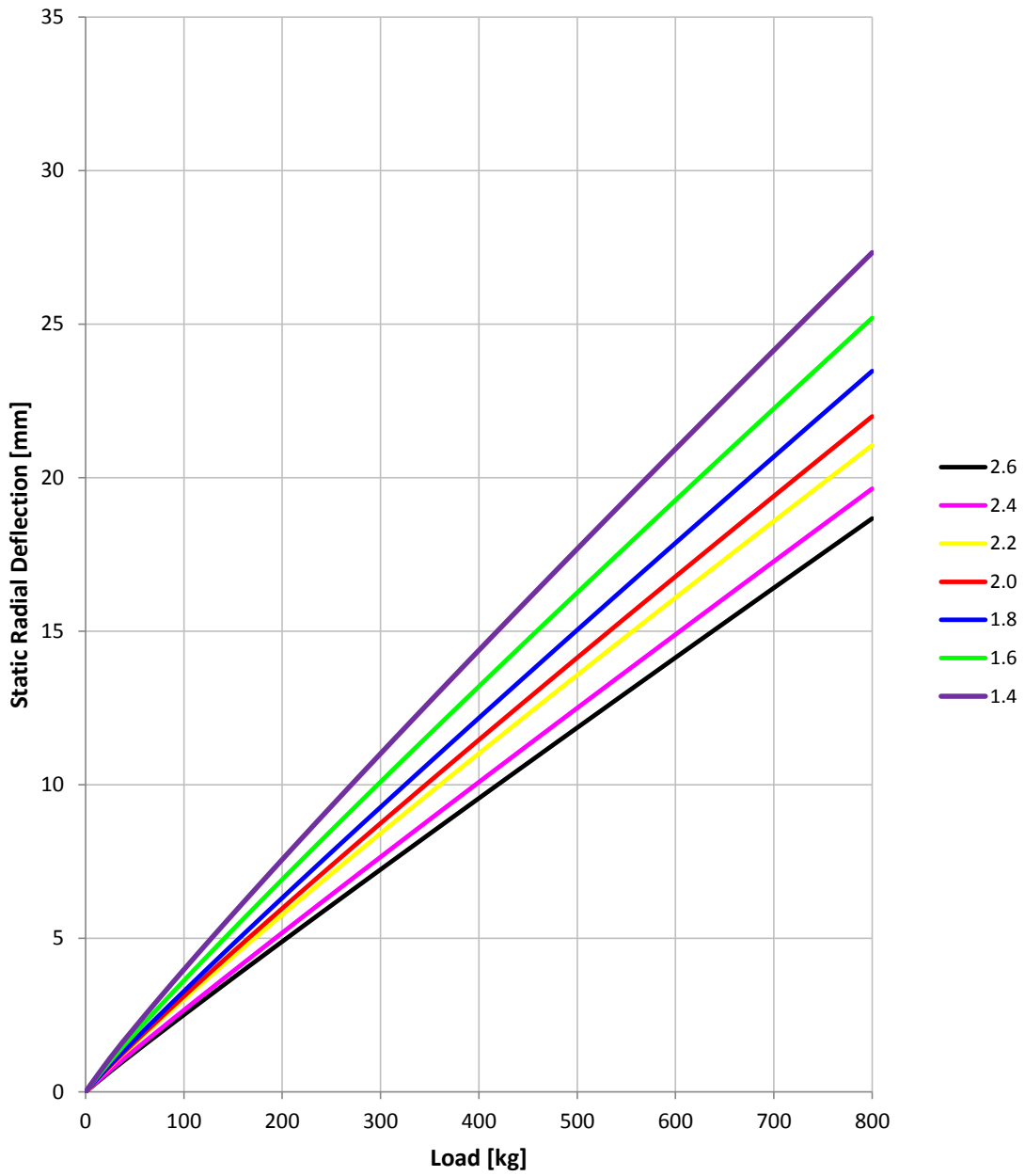


STATIC RADIAL DEFLECTION – 305/645-18x11.0J @ CA 0.0° DH

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	0.7	0.7	0.8	0.8	0.9	1.0	1.1
50	1.3	1.4	1.6	1.6	1.7	1.9	2.1
75	1.9	2.0	2.3	2.4	2.5	2.8	3.0
100	2.5	2.7	3.0	3.1	3.3	3.6	4.0
125	3.1	3.3	3.7	3.8	4.0	4.5	4.9
150	3.7	3.9	4.4	4.6	4.8	5.3	5.8
175	4.3	4.6	5.1	5.3	5.6	6.1	6.7
200	4.9	5.2	5.8	6.0	6.3	6.9	7.6
225	5.5	5.8	6.4	6.7	7.1	7.7	8.4
250	6.1	6.4	7.1	7.4	7.8	8.5	9.3
275	6.7	7.0	7.8	8.1	8.5	9.3	10.2
300	7.2	7.6	8.4	8.7	9.3	10.1	11.0
325	7.8	8.3	9.1	9.4	10.0	10.9	11.9
350	8.4	8.9	9.7	10.1	10.7	11.7	12.7
375	9.0	9.5	10.4	10.8	11.5	12.4	13.5
400	9.6	10.1	11.0	11.5	12.2	13.2	14.4
425	10.1	10.7	11.7	12.1	12.9	14.0	15.2
450	10.7	11.3	12.3	12.8	13.6	14.7	16.0
475	11.3	11.9	12.9	13.5	14.3	15.5	16.9
500	11.9	12.5	13.6	14.1	15.0	16.3	17.7
525	12.4	13.1	14.2	14.8	15.7	17.0	18.5
550	13.0	13.7	14.8	15.5	16.5	17.8	19.3
575	13.6	14.3	15.5	16.1	17.2	18.5	20.1
600	14.1	14.9	16.1	16.8	17.9	19.3	20.9
625	14.7	15.5	16.7	17.4	18.6	20.0	21.7
650	15.3	16.1	17.3	18.1	19.3	20.8	22.5
675	15.8	16.7	18.0	18.7	20.0	21.5	23.3
700	16.4	17.3	18.6	19.4	20.7	22.2	24.1
725	17.0	17.9	19.2	20.0	21.4	23.0	24.9
750	17.5	18.5	19.8	20.7	22.1	23.7	25.7
775	18.1	19.0	20.4	21.3	22.8	24.5	26.5
800	18.7	19.6	21.1	22.0	23.5	25.2	27.3



STATIC RADIAL DEFLECTION – 305/645-18x11.0J @ CA 0.0° DH



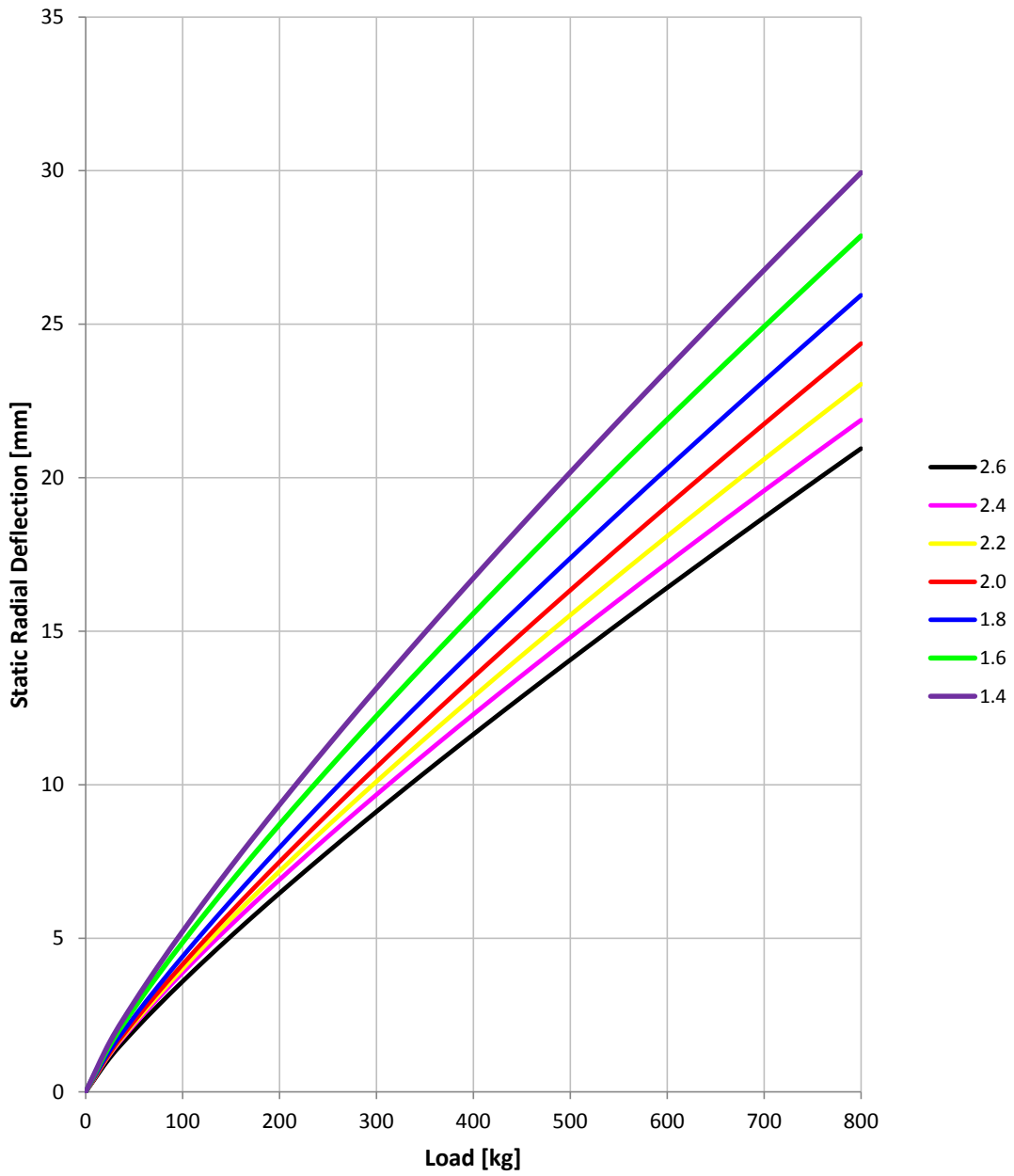


STATIC RADIAL DEFLECTION – 305/645-18x11.0J @ CA -3.0 ° DH

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	1.1	1.2	1.2	1.3	1.4	1.5	1.6
50	2.0	2.2	2.2	2.3	2.4	2.7	2.9
75	2.8	3.1	3.1	3.2	3.4	3.8	4.1
100	3.6	3.9	4.0	4.2	4.4	4.9	5.2
125	4.3	4.7	4.8	5.0	5.3	5.9	6.3
150	5.1	5.4	5.6	5.9	6.2	6.8	7.3
175	5.8	6.2	6.4	6.7	7.1	7.8	8.4
200	6.5	6.9	7.2	7.5	8.0	8.7	9.3
225	7.1	7.6	7.9	8.3	8.8	9.6	10.3
250	7.8	8.3	8.7	9.1	9.6	10.5	11.3
275	8.5	9.0	9.4	9.8	10.4	11.4	12.2
300	9.1	9.7	10.1	10.6	11.2	12.2	13.1
325	9.8	10.3	10.8	11.3	12.0	13.1	14.0
350	10.4	11.0	11.5	12.1	12.8	13.9	15.0
375	11.0	11.6	12.2	12.8	13.6	14.8	15.8
400	11.6	12.3	12.9	13.5	14.4	15.6	16.7
425	12.3	12.9	13.5	14.2	15.1	16.4	17.6
450	12.9	13.6	14.2	14.9	15.9	17.2	18.5
475	13.5	14.2	14.9	15.6	16.6	18.0	19.3
500	14.1	14.8	15.5	16.3	17.4	18.8	20.2
525	14.7	15.4	16.2	17.0	18.1	19.6	21.0
550	15.2	16.0	16.8	17.7	18.8	20.3	21.9
575	15.8	16.6	17.5	18.4	19.6	21.1	22.7
600	16.4	17.2	18.1	19.1	20.3	21.9	23.5
625	17.0	17.8	18.7	19.7	21.0	22.7	24.3
650	17.6	18.4	19.4	20.4	21.7	23.4	25.1
675	18.1	19.0	20.0	21.1	22.4	24.2	26.0
700	18.7	19.6	20.6	21.7	23.1	24.9	26.8
725	19.3	20.2	21.2	22.4	23.8	25.7	27.6
750	19.8	20.7	21.8	23.1	24.5	26.4	28.4
775	20.4	21.3	22.4	23.7	25.2	27.1	29.1
800	20.9	21.9	23.0	24.4	25.9	27.9	29.9



STATIC RADIAL DEFLECTION – 305/645-18x11.0J @ CA -3.0° DH





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

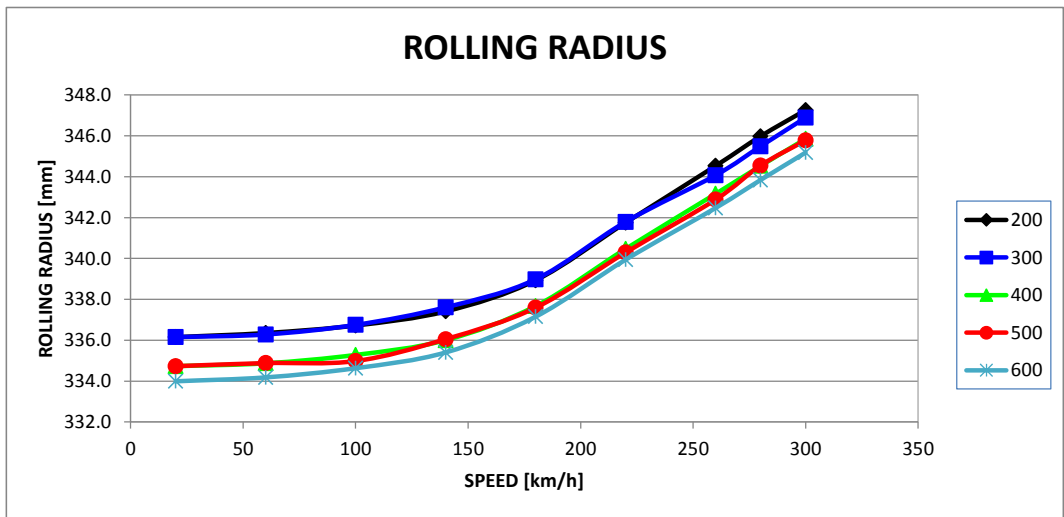
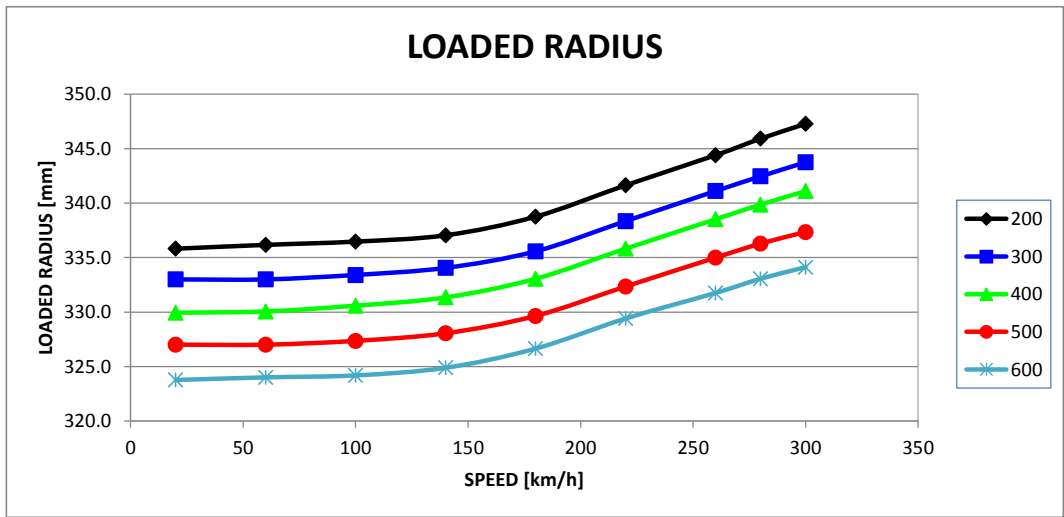
305/680-18x11.0J DH

LOADED RADIUS

SPEED [km/h]	LOAD [kg]				
	200	300	400	500	600
20	335.8	333.0	329.9	327.0	323.8
60	336.2	333.0	330.1	327.0	324.0
100	336.5	333.4	330.6	327.4	324.2
140	337.0	334.1	331.3	328.1	324.9
180	338.8	335.6	333.1	329.6	326.6
220	341.6	338.3	335.8	332.3	329.4
260	344.4	341.1	338.5	335.0	331.8
280	345.9	342.5	339.9	336.3	333.1
300	347.3	343.7	341.1	337.3	334.1

ROLLING RADIUS

SPEED [km/h]	LOAD [kg]				
	200	300	400	500	600
20	336.1	336.1	334.7	334.7	334.0
60	336.4	336.3	334.9	334.9	334.2
100	336.7	336.8	335.3	335.0	334.6
140	337.4	337.6	336.0	336.0	335.4
180	338.9	339.0	337.7	337.6	337.1
220	341.8	341.8	340.5	340.3	339.9
260	344.5	344.1	343.2	342.9	342.5
280	346.0	345.5	344.5	344.5	343.8
300	347.3	346.9	345.9	345.8	345.2



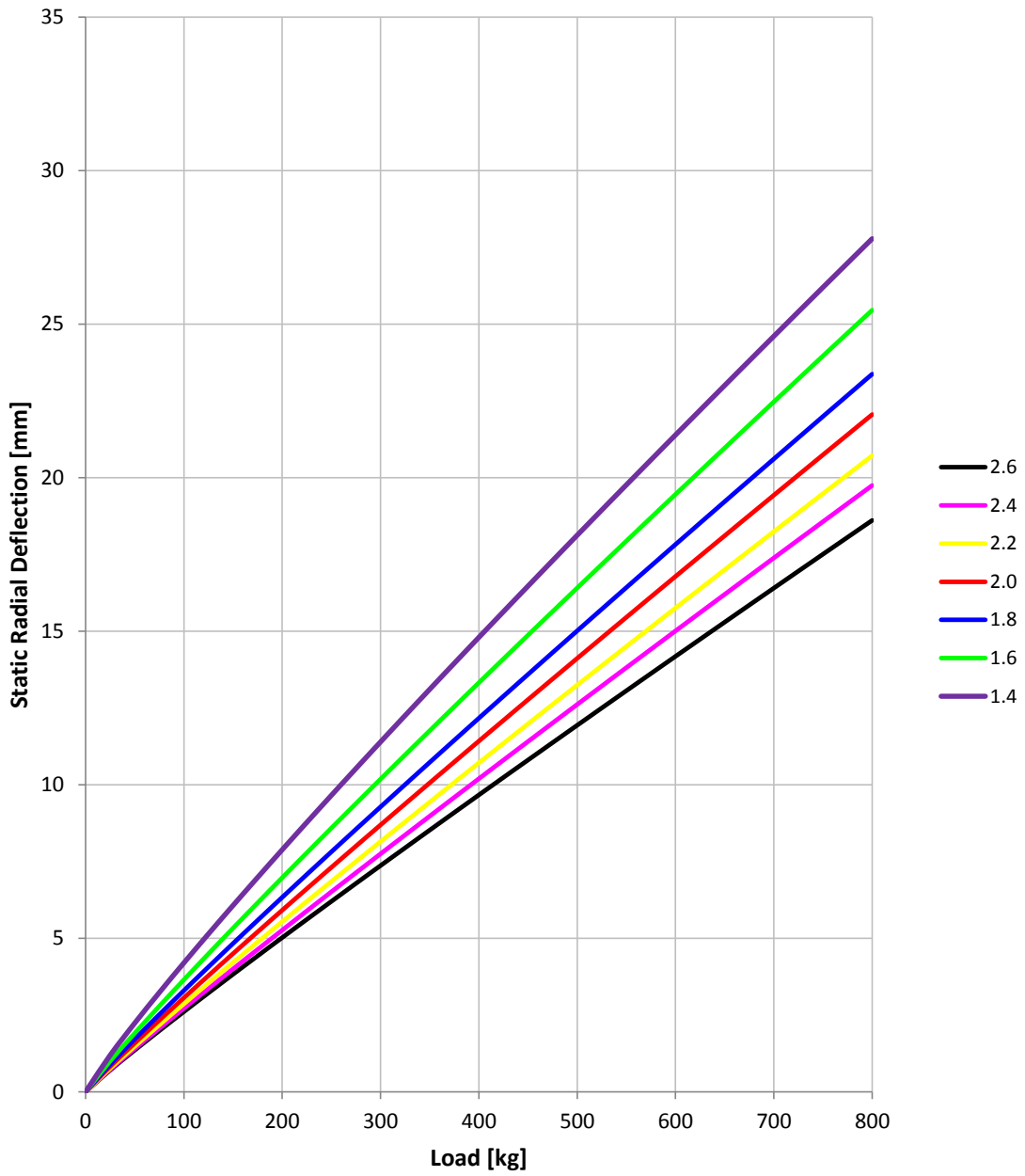


STATIC RADIAL DEFLECTION – 305/680-18x11.0J @ CA 0.0° DH

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	0.7	0.7	0.8	0.8	0.9	1.0	1.2
50	1.4	1.4	1.5	1.6	1.7	1.9	2.2
75	2.0	2.1	2.2	2.3	2.5	2.8	3.2
100	2.6	2.7	2.9	3.1	3.3	3.6	4.2
125	3.2	3.4	3.5	3.8	4.1	4.5	5.1
150	3.8	4.0	4.2	4.5	4.8	5.3	6.1
175	4.4	4.6	4.9	5.2	5.6	6.2	7.0
200	5.0	5.3	5.5	5.9	6.3	7.0	7.9
225	5.6	5.9	6.2	6.6	7.1	7.8	8.8
250	6.2	6.5	6.8	7.3	7.8	8.6	9.7
275	6.8	7.1	7.5	8.0	8.5	9.4	10.5
300	7.4	7.7	8.1	8.7	9.3	10.2	11.4
325	7.9	8.4	8.8	9.4	10.0	11.0	12.3
350	8.5	9.0	9.4	10.1	10.7	11.8	13.1
375	9.1	9.6	10.1	10.7	11.4	12.5	14.0
400	9.7	10.2	10.7	11.4	12.2	13.3	14.8
425	10.2	10.8	11.3	12.1	12.9	14.1	15.6
450	10.8	11.4	12.0	12.8	13.6	14.9	16.5
475	11.4	12.0	12.6	13.4	14.3	15.6	17.3
500	11.9	12.6	13.2	14.1	15.0	16.4	18.1
525	12.5	13.2	13.9	14.8	15.7	17.2	18.9
550	13.1	13.8	14.5	15.5	16.4	17.9	19.8
575	13.6	14.4	15.1	16.1	17.1	18.7	20.6
600	14.2	15.0	15.8	16.8	17.8	19.5	21.4
625	14.7	15.6	16.4	17.4	18.5	20.2	22.2
650	15.3	16.2	17.0	18.1	19.2	21.0	23.0
675	15.8	16.8	17.6	18.8	19.9	21.7	23.8
700	16.4	17.4	18.2	19.4	20.6	22.5	24.6
725	17.0	18.0	18.9	20.1	21.3	23.2	25.4
750	17.5	18.6	19.5	20.7	22.0	24.0	26.2
775	18.1	19.2	20.1	21.4	22.7	24.7	27.0
800	18.6	19.7	20.7	22.1	23.4	25.5	27.8



STATIC RADIAL DEFLECTION – 305/680-18x11.0J @ CA 0.0° DH





STATIC RADIAL DEFLECTION – 305/680-18x11.0J @ CA -3.0 ° DH

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	1.1	1.2	1.3	1.2	1.4	1.4	1.4
50	1.9	2.1	2.3	2.3	2.5	2.5	2.6
75	2.8	2.9	3.2	3.2	3.5	3.6	3.8
100	3.5	3.8	4.0	4.1	4.5	4.6	4.9
125	4.3	4.5	4.9	5.0	5.5	5.6	5.9
150	5.0	5.3	5.7	5.8	6.4	6.6	6.9
175	5.7	6.0	6.5	6.6	7.3	7.5	7.9
200	6.4	6.8	7.2	7.4	8.1	8.4	8.9
225	7.1	7.5	8.0	8.2	9.0	9.3	9.9
250	7.7	8.2	8.7	9.0	9.8	10.2	10.9
275	8.4	8.9	9.4	9.8	10.6	11.1	11.8
300	9.1	9.6	10.2	10.5	11.4	12.0	12.7
325	9.7	10.2	10.9	11.3	12.2	12.8	13.7
350	10.3	10.9	11.6	12.0	13.0	13.7	14.6
375	11.0	11.6	12.3	12.8	13.8	14.5	15.5
400	11.6	12.2	12.9	13.5	14.6	15.4	16.4
425	12.2	12.9	13.6	14.2	15.4	16.2	17.3
450	12.8	13.5	14.3	14.9	16.1	17.0	18.2
475	13.4	14.2	15.0	15.6	16.9	17.8	19.1
500	14.0	14.8	15.6	16.3	17.6	18.6	20.0
525	14.6	15.4	16.3	17.0	18.4	19.4	20.8
550	15.2	16.0	16.9	17.7	19.1	20.2	21.7
575	15.8	16.7	17.6	18.4	19.9	21.0	22.6
600	16.4	17.3	18.2	19.1	20.6	21.8	23.4
625	17.0	17.9	18.8	19.8	21.3	22.6	24.3
650	17.6	18.5	19.5	20.5	22.0	23.4	25.1
675	18.1	19.1	20.1	21.1	22.7	24.2	26.0
700	18.7	19.7	20.7	21.8	23.5	24.9	26.8
725	19.3	20.3	21.3	22.5	24.2	25.7	27.7
750	19.9	20.9	21.9	23.1	24.9	26.5	28.5
775	20.4	21.5	22.6	23.8	25.6	27.2	29.3
800	21.0	22.1	23.2	24.4	26.3	28.0	30.2



STATIC RADIAL DEFLECTION – 305/680-18x11.0J @ CA -3.0° DH

