



TYRE DATA BOOKLET

310/660-18 DHG

310/660-18 WHB

2025 - 2026

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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)
310/660-18 DHG 18"x12.0J	10.0	324	2071	298

Wet Tyres				
Size & Fitment	Nominal Weight	Max Width (C)	Circumference (πD)	Tread Width (Cb)
	(kilograms)	(mm)	(mm)	(mm)
310/660-18 WHB 18"x12.0J	12.1	320	2077	295



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

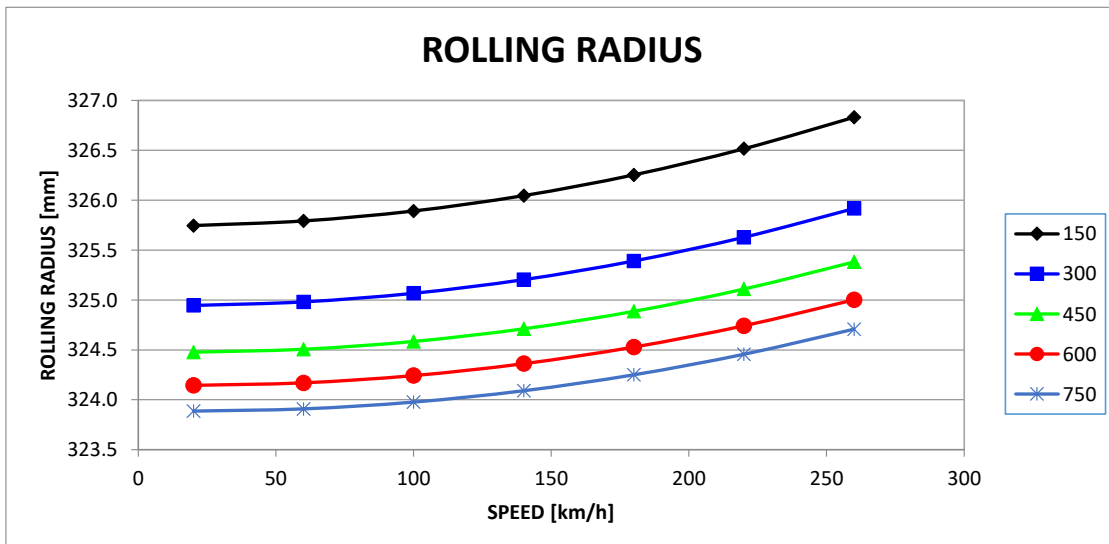
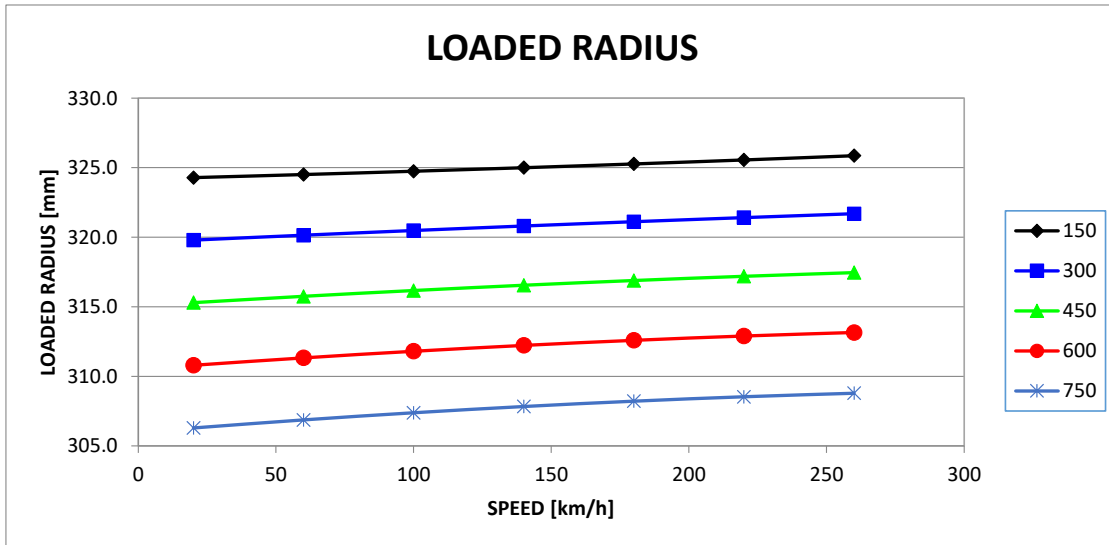
310/660-18x12.0J DHG

LOADED RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	324.3	319.8	315.3	310.8	306.3
	60	324.5	320.1	315.8	311.3	306.9
	100	324.7	320.5	316.2	311.8	307.4
	140	325.0	320.8	316.5	312.2	307.8
	180	325.3	321.1	316.9	312.6	308.2
	220	325.6	321.4	317.2	312.9	308.5
	260	325.9	321.7	317.5	313.2	308.8

ROLLING RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	325.7	324.9	324.5	324.1	323.9
	60	325.8	325.0	324.5	324.2	323.9
	100	325.9	325.1	324.6	324.2	324.0
	140	326.0	325.2	324.7	324.4	324.1
	180	326.3	325.4	324.9	324.5	324.3
	220	326.5	325.6	325.1	324.7	324.5
	260	326.8	325.9	325.4	325.0	324.7





DYNAMIC MEASUREMENTS @ 1.8bar (26psi), CA 0.0°

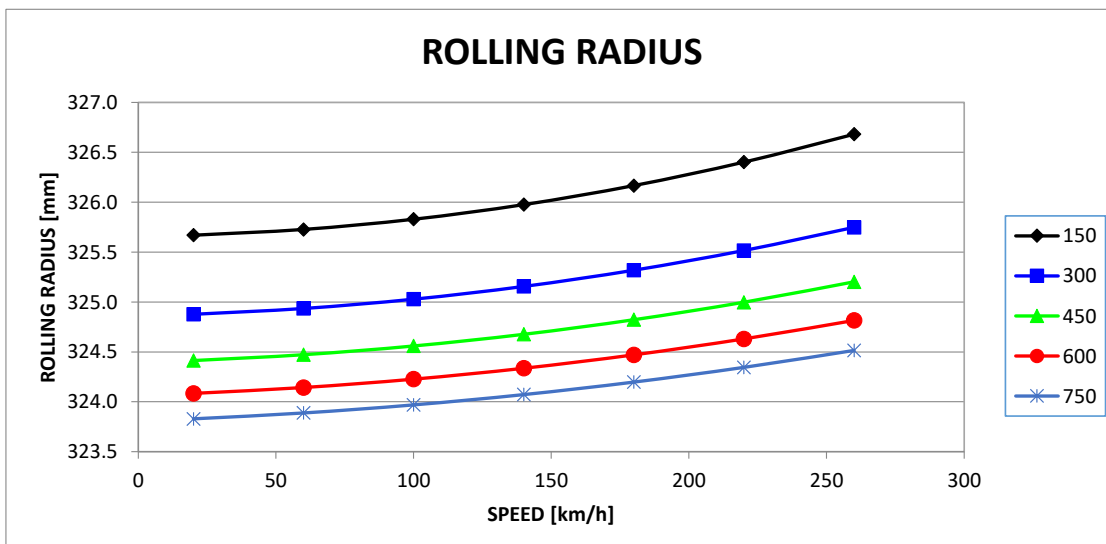
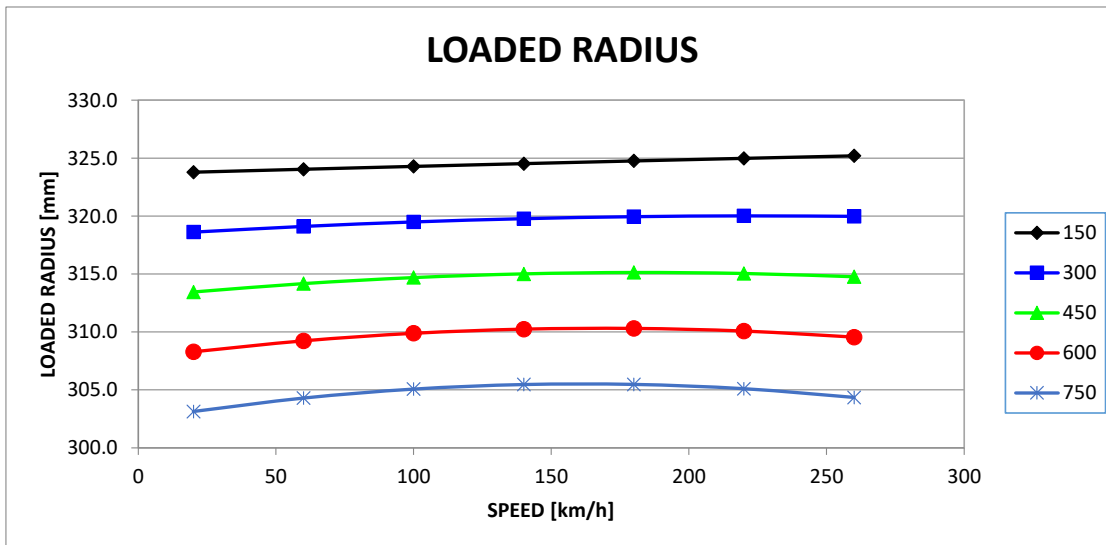
310/660-18x12.0J DHG

LOADED RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	323.8	318.6	313.4	308.3	303.1
	60	324.0	319.1	314.2	309.2	304.3
	100	324.3	319.5	314.7	309.9	305.1
	140	324.5	319.8	315.0	310.2	305.5
	180	324.8	319.9	315.1	310.3	305.5
	220	325.0	320.0	315.0	310.1	305.1
	260	325.2	320.0	314.8	309.6	304.4

ROLLING RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	325.7	324.9	324.4	324.1	323.8
	60	325.7	324.9	324.5	324.1	323.9
	100	325.8	325.0	324.6	324.2	324.0
	140	326.0	325.2	324.7	324.3	324.1
	180	326.2	325.3	324.8	324.5	324.2
	220	326.4	325.5	325.0	324.6	324.3
	260	326.7	325.7	325.2	324.8	324.5





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

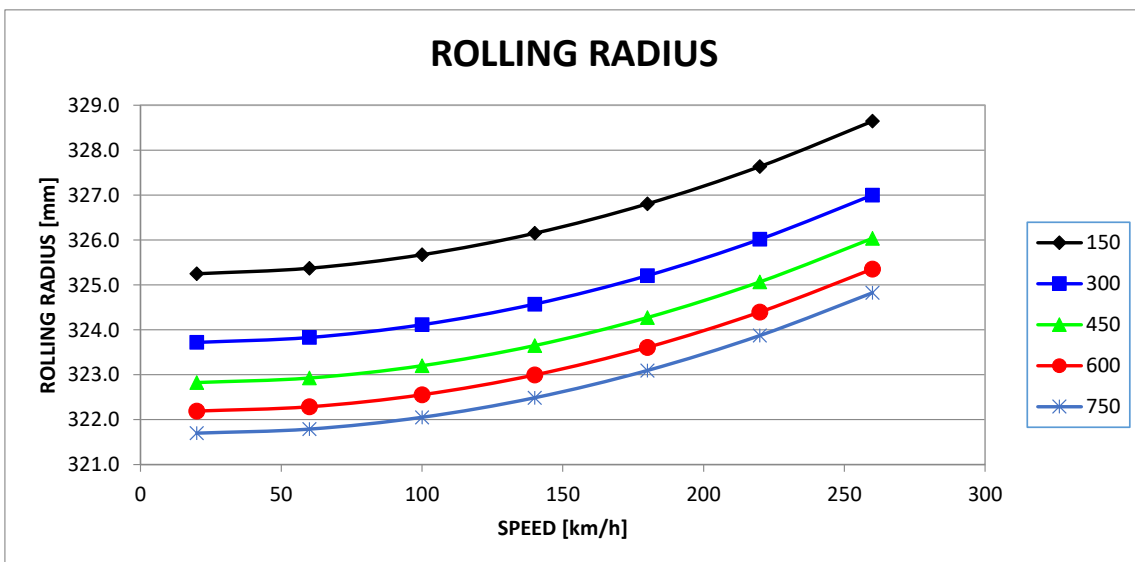
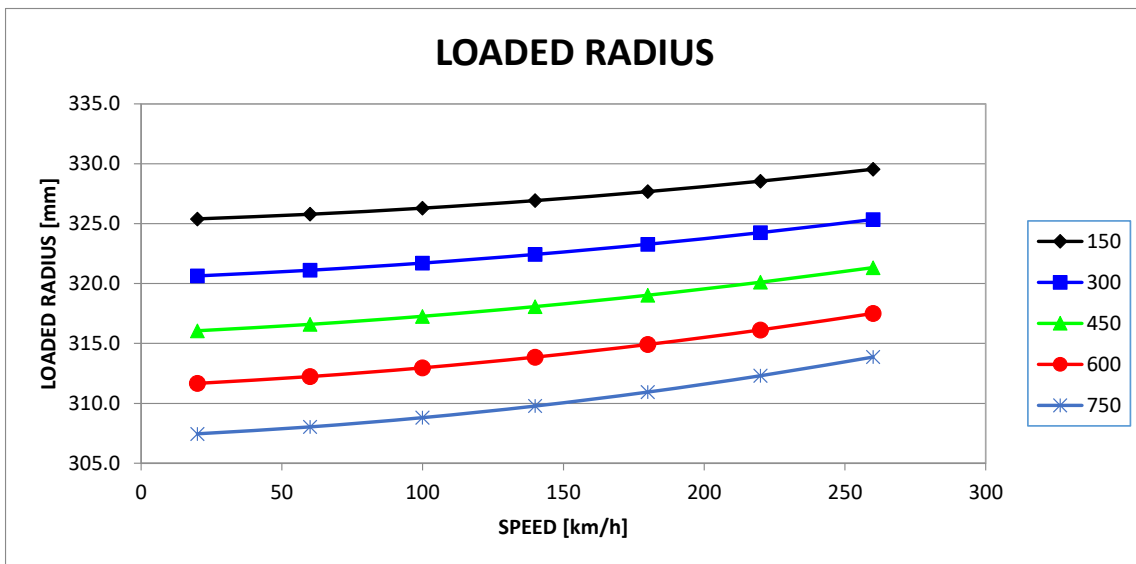
310/660-18x12.0J WHB

LOADED RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	325.4	320.6	316.1	311.7	307.5
	60	325.8	321.1	316.6	312.2	308.0
	100	326.3	321.7	317.3	313.0	308.8
	140	326.9	322.4	318.1	313.9	309.8
	180	327.7	323.3	319.0	314.9	310.9
	220	328.6	324.3	320.1	316.1	312.3
	260	329.5	325.3	321.3	317.5	313.9
	280					
	300					

ROLLING RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	325.2	323.7	322.8	322.2	321.7
	60	325.4	323.8	322.9	322.3	321.8
	100	325.7	324.1	323.2	322.6	322.1
	140	326.1	324.6	323.6	323.0	322.5
	180	326.8	325.2	324.3	323.6	323.1
	220	327.6	326.0	325.1	324.4	323.9
	260	328.6	327.0	326.0	325.4	324.8
	280					
	300					





DYNAMIC MEASUREMENTS @ 1.8bar (26psi), CA 0.0°

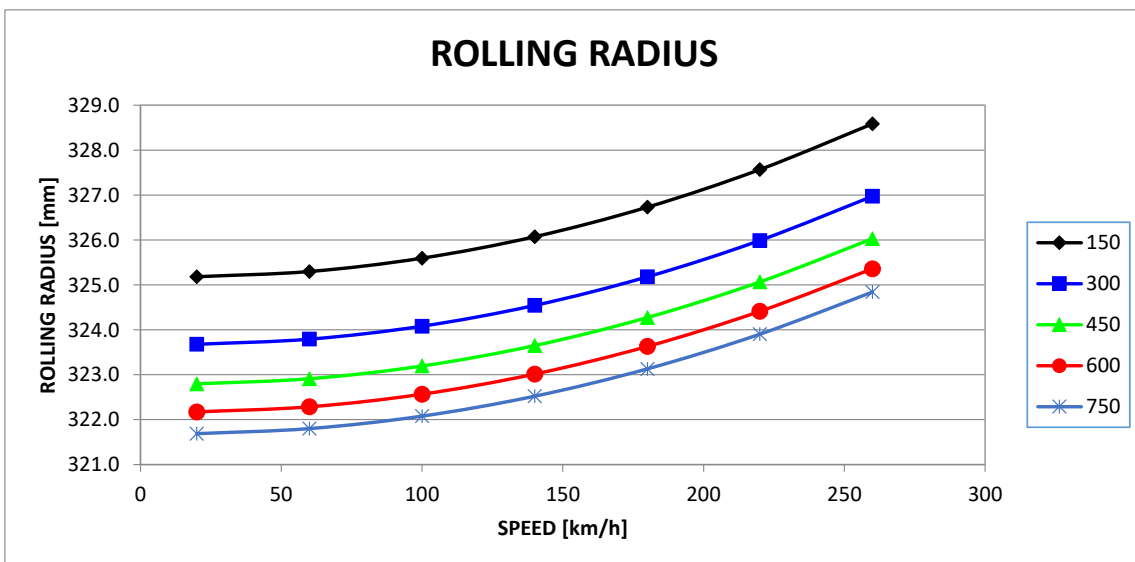
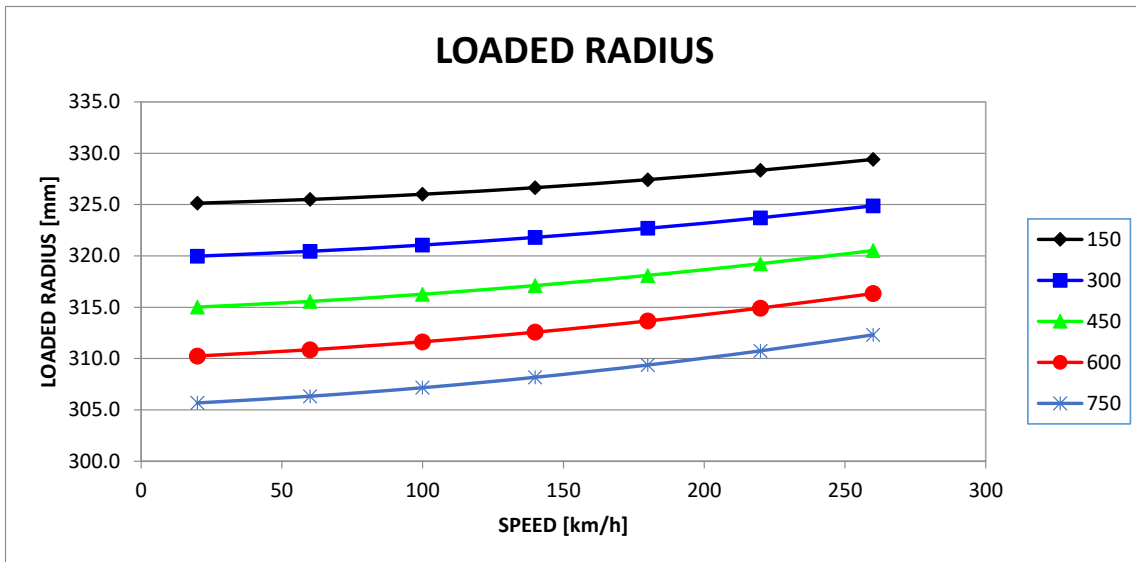
310/660-18x12.0J WHB

LOADED RADIUS

SPEED [km/h]	LOAD [kg]				
	150	300	450	600	750
20	325.1	320.0	315.0	310.2	305.7
60	325.5	320.4	315.6	310.9	306.3
100	326.0	321.1	316.3	311.6	307.2
140	326.6	321.8	317.1	312.6	308.2
180	327.4	322.7	318.1	313.7	309.4
220	328.3	323.7	319.2	314.9	310.8
260	329.4	324.9	320.5	316.3	312.3
280					
300					

ROLLING RADIUS

SPEED [km/h]	LOAD [kg]				
	150	300	450	600	750
20	325.2	323.7	322.8	322.2	321.7
60	325.3	323.8	322.9	322.3	321.8
100	325.6	324.1	323.2	322.6	322.1
140	326.1	324.5	323.6	323.0	322.5
180	326.7	325.2	324.3	323.6	323.1
220	327.6	326.0	325.1	324.4	323.9
260	328.6	327.0	326.0	325.4	324.8
280					
300					



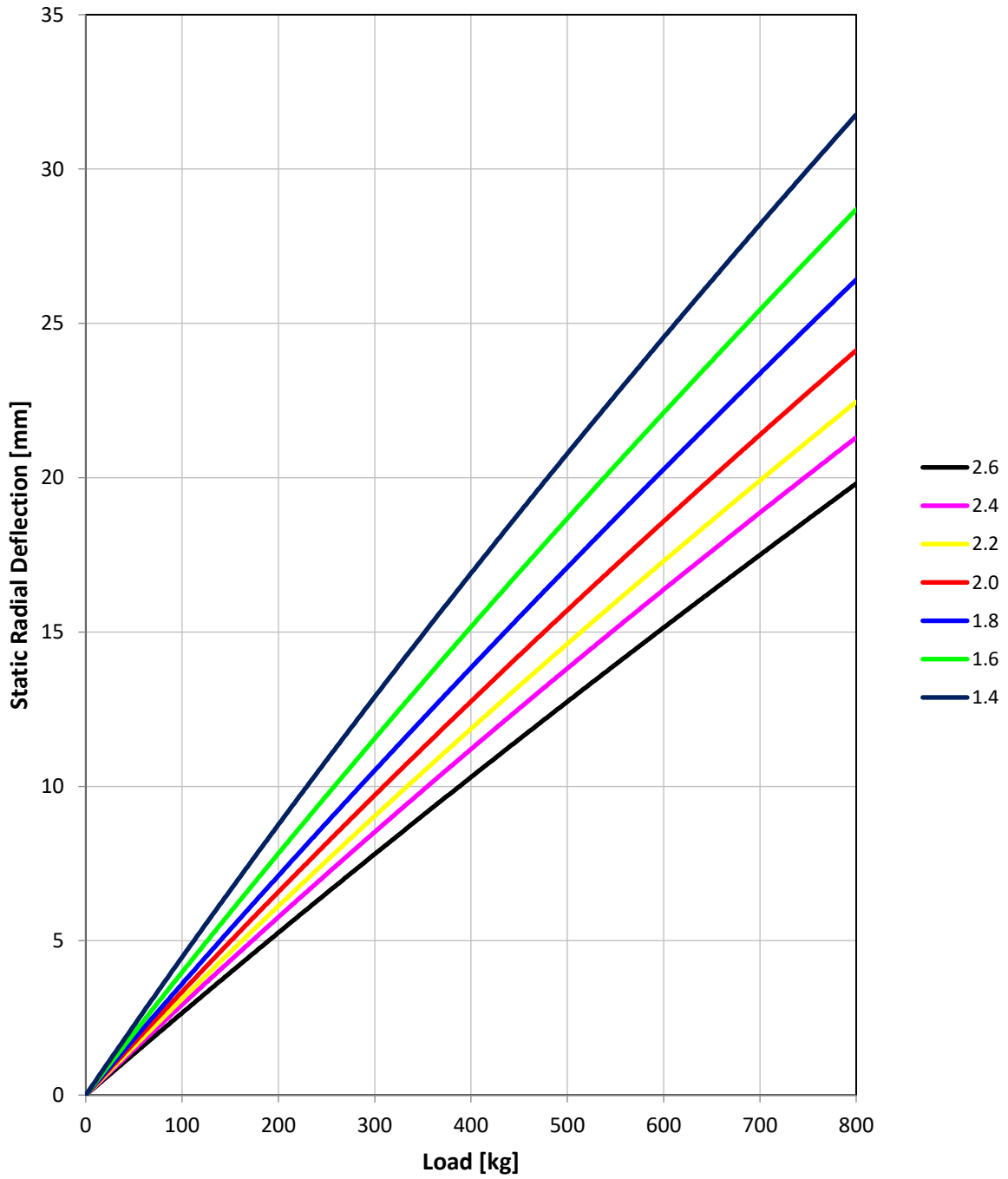


STATIC RADIAL DEFLECTION – 310/660-18x12.0J @ CA 0.0 ° DHG

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	1.5	1.6	1.7	1.8	2.0	2.3
75	2.0	2.2	2.3	2.5	2.7	3.0	3.4
100	2.7	2.9	3.1	3.3	3.6	4.0	4.5
125	3.3	3.6	3.9	4.2	4.5	5.0	5.6
150	4.0	4.4	4.6	5.0	5.4	5.9	6.6
175	4.6	5.1	5.4	5.8	6.2	6.9	7.7
200	5.3	5.8	6.1	6.6	7.1	7.8	8.8
225	5.9	6.5	6.9	7.4	8.0	8.8	9.8
250	6.5	7.2	7.6	8.2	8.8	9.7	10.8
275	7.2	7.8	8.3	8.9	9.7	10.6	11.9
300	7.8	8.5	9.0	9.7	10.5	11.6	12.9
325	8.4	9.2	9.8	10.5	11.4	12.5	13.9
350	9.1	9.9	10.5	11.2	12.2	13.4	14.9
375	9.7	10.5	11.2	12.0	13.0	14.3	15.9
400	10.3	11.2	11.9	12.8	13.8	15.2	16.9
425	10.9	11.9	12.6	13.5	14.7	16.1	17.9
450	11.5	12.5	13.3	14.2	15.5	16.9	18.9
475	12.1	13.2	13.9	15.0	16.3	17.8	19.8
500	12.7	13.8	14.6	15.7	17.1	18.7	20.8
525	13.3	14.5	15.3	16.4	17.9	19.5	21.7
550	13.9	15.1	16.0	17.2	18.7	20.4	22.7
575	14.5	15.7	16.6	17.9	19.5	21.3	23.6
600	15.1	16.4	17.3	18.6	20.3	22.1	24.5
625	15.7	17.0	18.0	19.3	21.1	22.9	25.5
650	16.3	17.6	18.6	20.0	21.8	23.8	26.4
675	16.9	18.2	19.3	20.7	22.6	24.6	27.3
700	17.5	18.9	19.9	21.4	23.4	25.4	28.2
725	18.1	19.5	20.6	22.1	24.1	26.3	29.1
750	18.7	20.1	21.2	22.8	24.9	27.1	30.0
775	19.2	20.7	21.8	23.4	25.7	27.9	30.9
800	19.8	21.3	22.5	24.1	26.4	28.7	31.8



STATIC RADIAL DEFLECTION – 310/660-18x12.0J @ CA 0.0° DHG



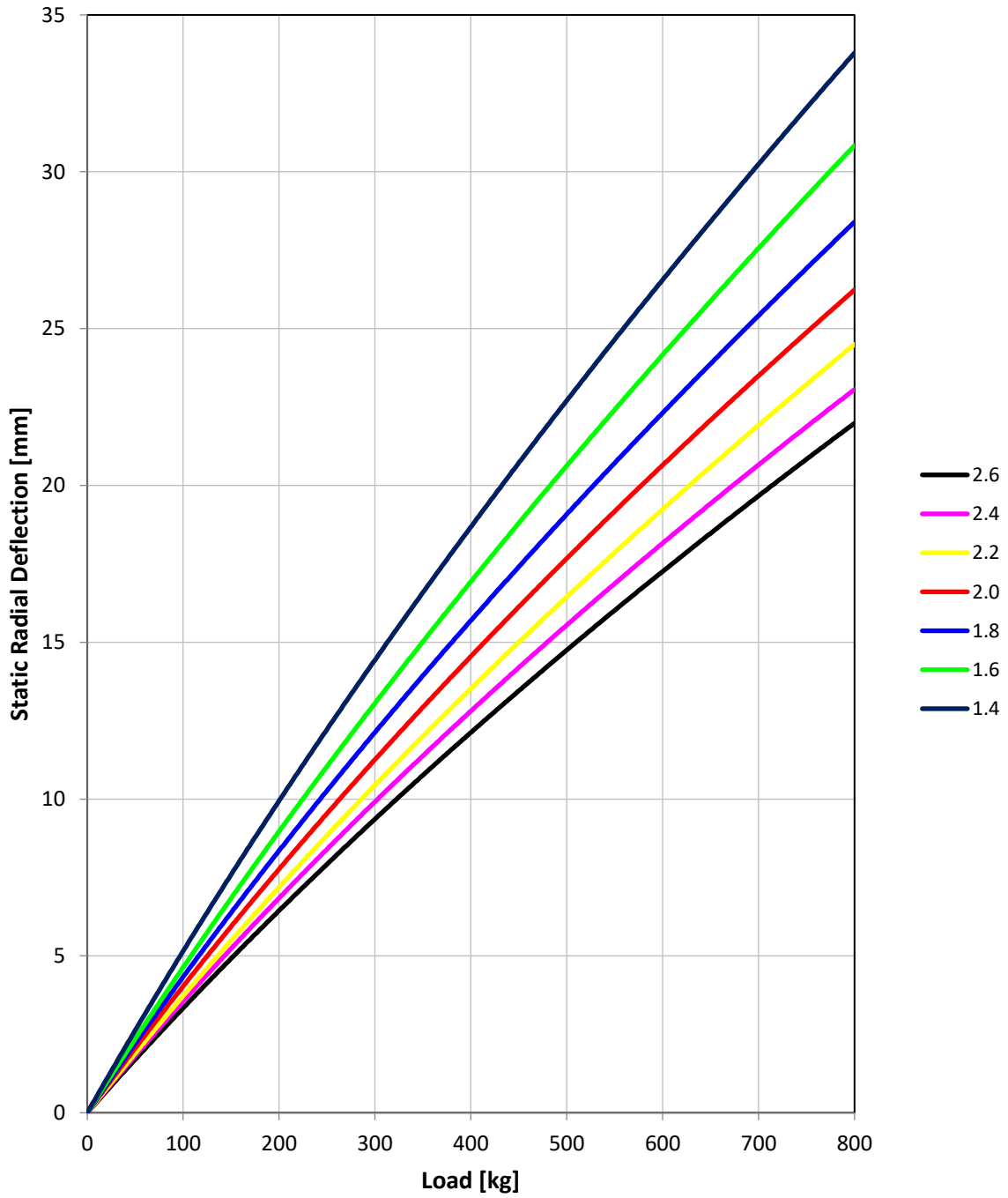


STATIC RADIAL DEFLECTION – 310/660-18x12.0J @ CA -3.0 ° DHG

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	1.0	1.1	1.2	1.3
50	1.7	1.8	1.9	2.1	2.2	2.4	2.6
75	2.5	2.7	2.8	3.1	3.3	3.5	3.9
100	3.3	3.6	3.7	4.0	4.3	4.6	5.2
125	4.1	4.4	4.6	5.0	5.4	5.7	6.4
150	4.9	5.2	5.5	5.9	6.4	6.8	7.6
175	5.7	6.0	6.3	6.9	7.4	7.9	8.8
200	6.4	6.8	7.2	7.8	8.4	9.0	9.9
225	7.2	7.6	8.0	8.7	9.3	10.0	11.1
250	7.9	8.4	8.8	9.5	10.3	11.0	12.2
275	8.7	9.2	9.7	10.4	11.2	12.1	13.3
300	9.4	9.9	10.4	11.3	12.1	13.1	14.4
325	10.1	10.7	11.2	12.1	13.0	14.0	15.5
350	10.8	11.4	12.0	12.9	13.9	15.0	16.6
375	11.4	12.1	12.8	13.7	14.8	16.0	17.6
400	12.1	12.8	13.5	14.6	15.7	16.9	18.7
425	12.8	13.5	14.3	15.3	16.6	17.9	19.7
450	13.5	14.2	15.0	16.1	17.4	18.8	20.7
475	14.1	14.9	15.7	16.9	18.3	19.7	21.7
500	14.8	15.5	16.5	17.7	19.1	20.6	22.7
525	15.4	16.2	17.2	18.4	19.9	21.5	23.7
550	16.0	16.9	17.9	19.2	20.7	22.4	24.7
575	16.6	17.5	18.6	19.9	21.5	23.3	25.6
600	17.3	18.2	19.2	20.6	22.3	24.2	26.6
625	17.9	18.8	19.9	21.4	23.1	25.0	27.5
650	18.5	19.4	20.6	22.1	23.9	25.9	28.4
675	19.1	20.0	21.3	22.8	24.7	26.7	29.3
700	19.7	20.7	21.9	23.5	25.4	27.6	30.2
725	20.3	21.3	22.6	24.2	26.2	28.4	31.1
750	20.8	21.9	23.2	24.9	26.9	29.2	32.0
775	21.4	22.5	23.9	25.6	27.7	30.0	32.9
800	22.0	23.1	24.5	26.2	28.4	30.8	33.8



STATIC RADIAL DEFLECTION – 310/660-18x12.0J @ CA -3.0° DHG



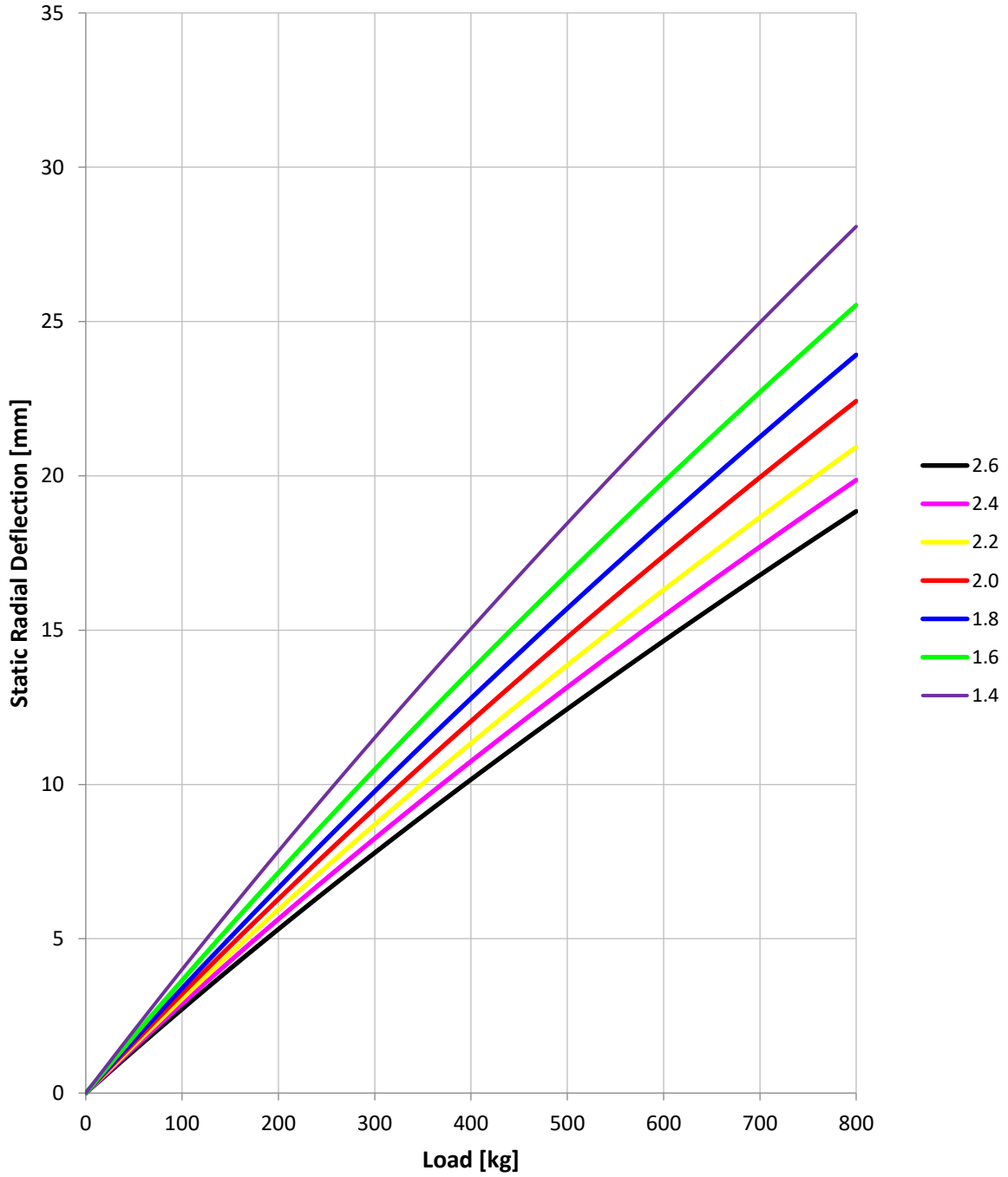


STATIC RADIAL DEFLECTION – 310/660-18x12.0J @ CA 0.0 ° WHB

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	0.9	1.0
50	1.4	1.5	1.5	1.6	1.7	1.8	2.0
75	2.1	2.2	2.3	2.4	2.6	2.8	3.0
100	2.7	2.9	3.1	3.2	3.4	3.7	4.0
125	3.4	3.6	3.8	4.0	4.2	4.5	5.0
150	4.0	4.3	4.5	4.8	5.0	5.4	5.9
175	4.7	5.0	5.2	5.5	5.8	6.3	6.9
200	5.3	5.6	5.9	6.3	6.6	7.1	7.8
225	5.9	6.3	6.6	7.0	7.4	8.0	8.8
250	6.6	7.0	7.3	7.8	8.2	8.8	9.7
275	7.2	7.6	8.0	8.5	9.0	9.7	10.6
300	7.8	8.2	8.7	9.2	9.8	10.5	11.5
325	8.4	8.9	9.4	9.9	10.5	11.3	12.4
350	9.0	9.5	10.0	10.6	11.3	12.1	13.3
375	9.6	10.1	10.7	11.4	12.0	12.9	14.2
400	10.2	10.8	11.3	12.0	12.8	13.7	15.0
425	10.7	11.4	12.0	12.7	13.5	14.5	15.9
450	11.3	12.0	12.6	13.4	14.3	15.3	16.8
475	11.9	12.6	13.2	14.1	15.0	16.0	17.6
500	12.4	13.2	13.9	14.8	15.7	16.8	18.5
525	13.0	13.7	14.5	15.4	16.4	17.6	19.3
550	13.6	14.3	15.1	16.1	17.1	18.3	20.1
575	14.1	14.9	15.7	16.8	17.8	19.1	21.0
600	14.6	15.5	16.3	17.4	18.5	19.8	21.8
625	15.2	16.0	16.9	18.0	19.2	20.5	22.6
650	15.7	16.6	17.5	18.7	19.9	21.3	23.4
675	16.3	17.1	18.1	19.3	20.6	22.0	24.2
700	16.8	17.7	18.7	19.9	21.3	22.7	25.0
725	17.3	18.2	19.2	20.6	21.9	23.4	25.8
750	17.8	18.8	19.8	21.2	22.6	24.1	26.5
775	18.3	19.3	20.4	21.8	23.3	24.8	27.3
800	18.9	19.9	20.9	22.4	23.9	25.5	28.1



STATIC RADIAL DEFLECTION – 310/660-18x12.0J @ CA 0.0° WHB





STATIC RADIAL DEFLECTION – 310/660-18x12.0J @ CA -3.0 ° WHB

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	1.6	1.7	1.8	1.9	2.0	2.2	2.4
75	2.4	2.6	2.7	2.8	3.0	3.2	3.5
100	3.2	3.4	3.6	3.7	4.0	4.3	4.6
125	3.9	4.2	4.4	4.6	4.9	5.3	5.7
150	4.7	5.0	5.2	5.5	5.9	6.3	6.8
175	5.4	5.8	6.0	6.3	6.8	7.3	7.8
200	6.1	6.5	6.8	7.2	7.7	8.2	8.9
225	6.8	7.3	7.6	8.0	8.6	9.2	9.9
250	7.5	8.0	8.4	8.8	9.4	10.1	10.9
275	8.2	8.7	9.1	9.6	10.3	11.0	11.9
300	8.9	9.4	9.9	10.4	11.1	11.9	12.9
325	9.5	10.1	10.6	11.2	11.9	12.8	13.8
350	10.2	10.8	11.3	11.9	12.7	13.7	14.8
375	10.8	11.5	12.0	12.7	13.5	14.5	15.7
400	11.5	12.2	12.7	13.4	14.3	15.4	16.6
425	12.1	12.8	13.4	14.2	15.1	16.2	17.5
450	12.7	13.5	14.1	14.9	15.9	17.0	18.4
475	13.3	14.1	14.8	15.6	16.6	17.9	19.3
500	13.9	14.7	15.4	16.3	17.4	18.7	20.2
525	14.5	15.3	16.1	17.0	18.1	19.5	21.0
550	15.1	15.9	16.7	17.7	18.9	20.3	21.9
575	15.7	16.6	17.4	18.4	19.6	21.0	22.7
600	16.2	17.2	18.0	19.1	20.3	21.8	23.5
625	16.8	17.7	18.6	19.8	21.0	22.6	24.4
650	17.4	18.3	19.2	20.4	21.7	23.3	25.2
675	17.9	18.9	19.8	21.1	22.4	24.1	26.0
700	18.5	19.5	20.4	21.7	23.1	24.8	26.8
725	19.0	20.0	21.0	22.4	23.7	25.5	27.6
750	19.5	20.6	21.6	23.0	24.4	26.3	28.4
775	20.1	21.2	22.2	23.6	25.1	27.0	29.1
800	20.6	21.7	22.8	24.3	25.7	27.7	29.9



STATIC RADIAL DEFLECTION – 310/660-18x12.0J @ CA -3.0° WHB

