



## **TYRE DATA BOOKLET**

**325/705-19 DHF**

**325/705-19 WH**

**2022**

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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 ( $\pi D$ )	Tread Width (Cb)
	(kilograms)	(mm)	(mm)	(mm)
<b>325/705-19</b> <b>DHF</b> <b>19"x13.0J</b>	11.2	347	2216	325

Wet Tyres				
Size & Fitment	Nominal Weight	Max Width (C)	Circumference ( $\pi D$ )	Tread Width (Cb)
	(kilograms)	(mm)	(mm)	(mm)
<b>325/705-19</b> <b>WH</b> <b>19"x13.0J</b>	NA	NA	NA	NA



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

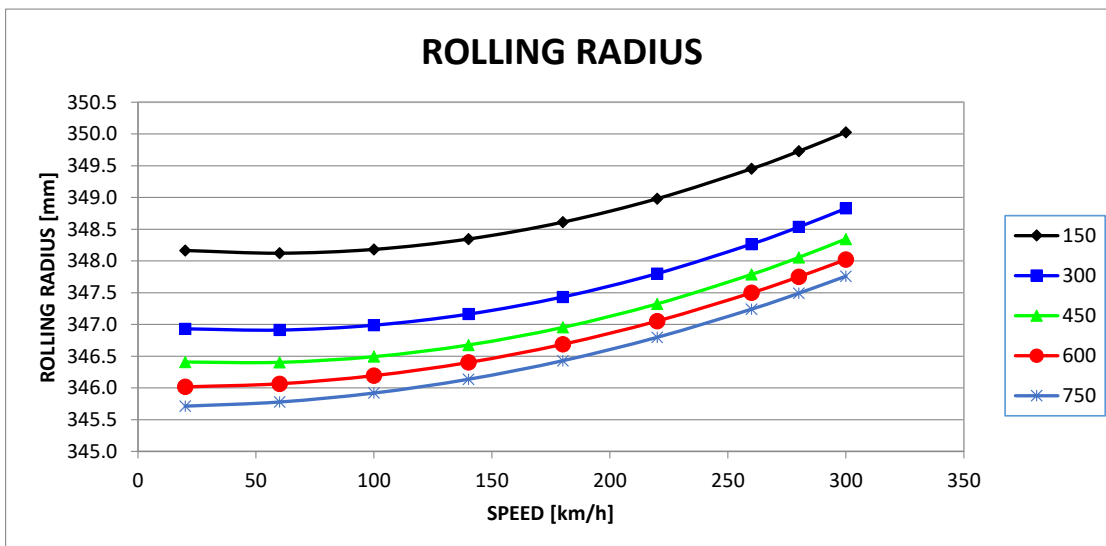
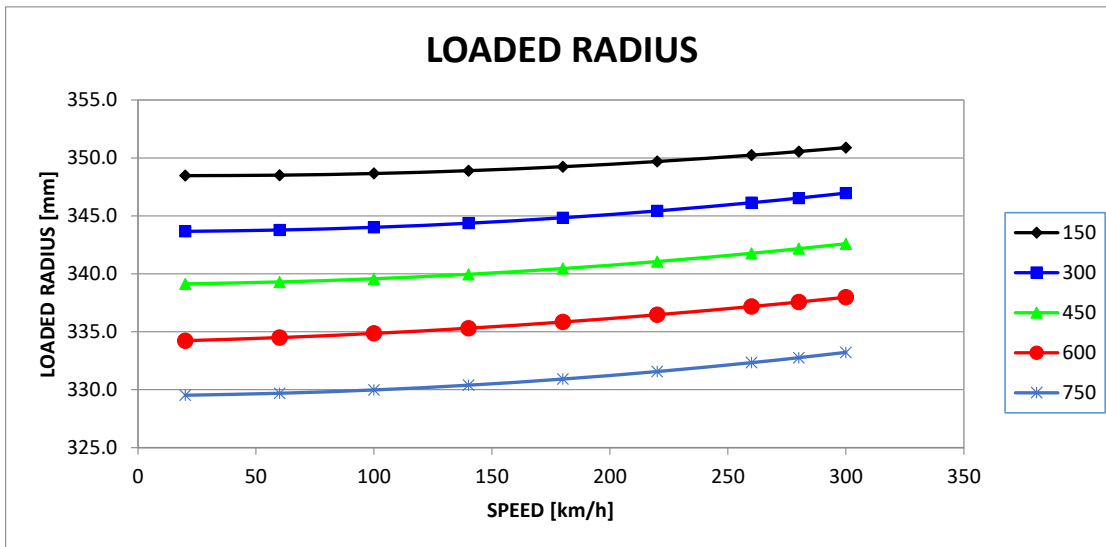
325/705-19x13.0J DHF

### LOADED RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	348.5	343.7	339.1	334.2	329.5
	60	348.5	343.8	339.3	334.5	329.7
	100	348.7	344.0	339.6	334.9	330.0
	140	348.9	344.4	340.0	335.3	330.4
	180	349.2	344.8	340.5	335.8	330.9
	220	349.7	345.4	341.1	336.5	331.6
	260	350.2	346.1	341.8	337.2	332.3
	280	350.6	346.5	342.2	337.6	332.8
	300	350.9	347.0	342.6	338.0	333.2

### ROLLING RADIUS

		LOAD [kg]				
		150	300	450	600	750
SPEED [km/h]	20	348.2	346.9	346.4	346.0	345.7
	60	348.1	346.9	346.4	346.1	345.8
	100	348.2	347.0	346.5	346.2	345.9
	140	348.3	347.2	346.7	346.4	346.1
	180	348.6	347.4	347.0	346.7	346.4
	220	349.0	347.8	347.3	347.1	346.8
	260	349.5	348.3	347.8	347.5	347.2
	280	349.7	348.5	348.1	347.7	347.5
	300	350.0	348.8	348.3	348.0	347.8





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

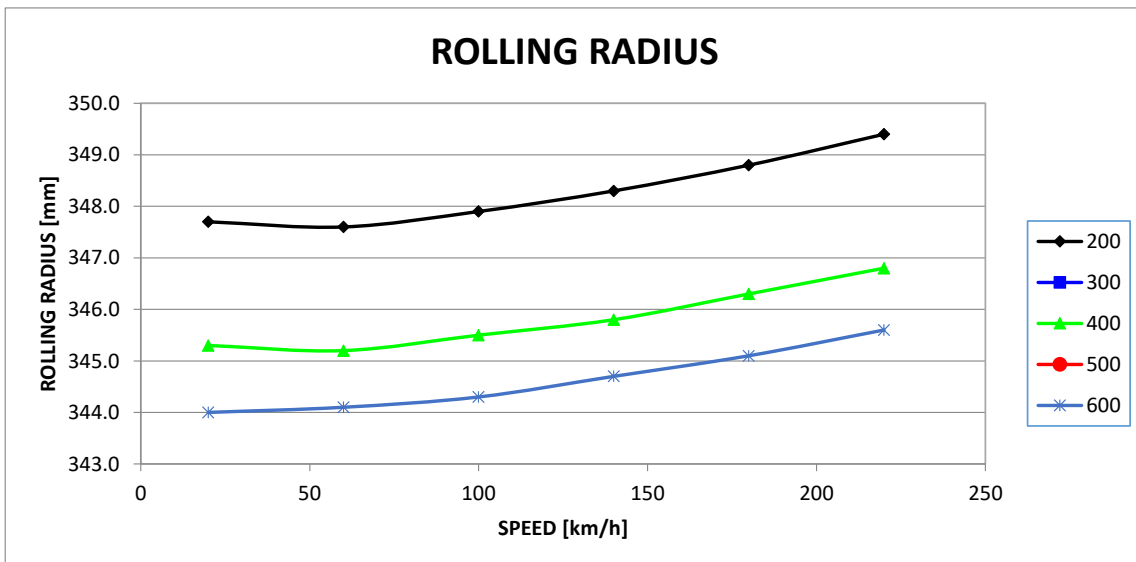
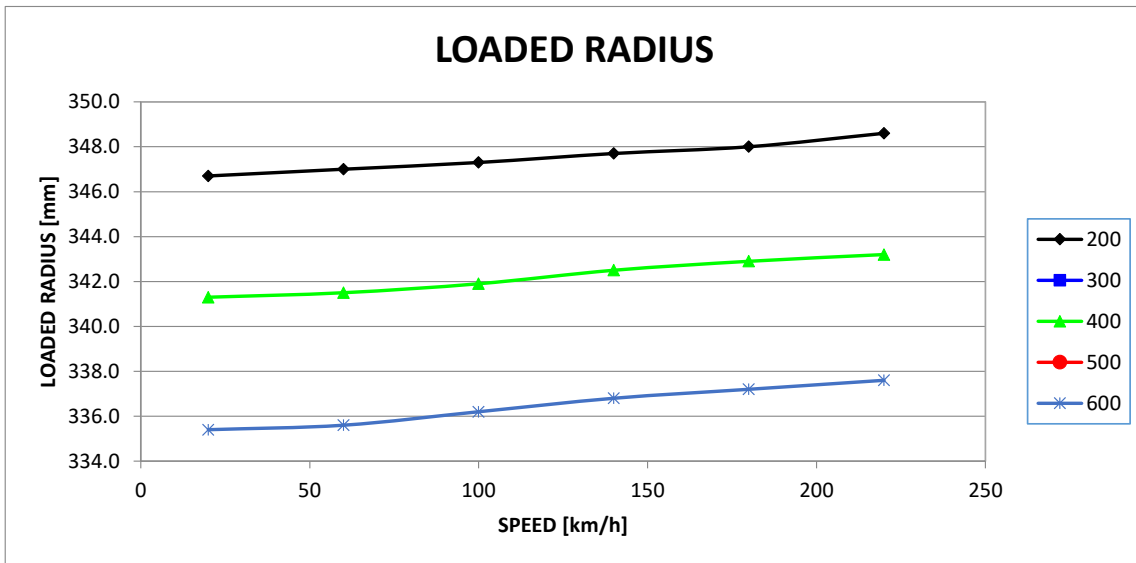
**325/705-19x13.0 WH**

**LOADED RADIUS**

		LOAD [kg]				
		200	300	400	500	600
SPEED [km/h]	20	346.7		341.3		335.4
	60	347.0		341.5		335.6
	100	347.3		341.9		336.2
	140	347.7		342.5		336.8
	180	348.0		342.9		337.2
	220	348.6		343.2		337.6

**ROLLING RADIUS**

		LOAD [kg]				
		200	300	400	500	600
SPEED [km/h]	20	347.7		345.3		344.0
	60	347.6		345.2		344.1
	100	347.9		345.5		344.3
	140	348.3		345.8		344.7
	180	348.8		346.3		345.1
	220	349.4		346.8		345.6



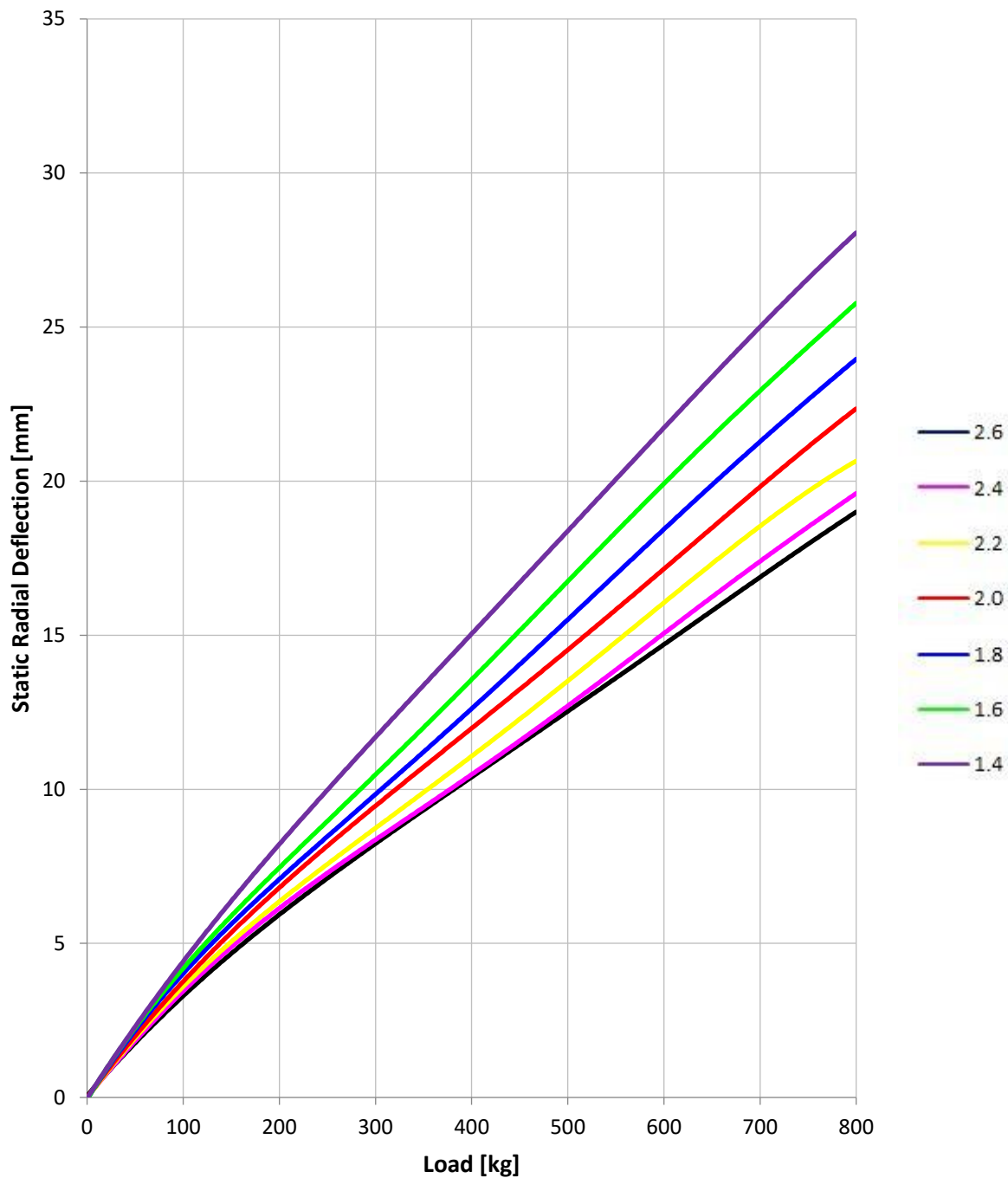


**STATIC RADIAL DEFLECTION – 325/705-19x13.0J @ CA 0.0 ° DHF**

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	1.0	1.1	1.1	1.2	1.2
50	1.8	1.8	1.9	2.0	2.1	2.2	2.2
75	2.5	2.6	2.7	2.8	3.0	3.1	3.3
100	3.2	3.4	3.5	3.7	3.9	4.1	4.4
125	4.2	4.3	4.4	4.7	5.0	5.2	5.5
150	4.7	4.9	5.2	5.4	5.8	6.0	6.4
175	5.4	5.5	5.8	6.1	6.5	6.7	7.3
200	5.9	6.2	6.4	6.8	7.1	7.5	8.2
225	6.4	6.7	6.9	7.5	7.8	8.2	9.1
250	7.0	7.2	7.6	8.1	8.5	9.0	10.0
275	7.6	7.8	8.2	8.8	9.1	9.7	10.8
300	8.2	8.3	8.7	9.5	9.8	10.4	11.7
325	8.7	8.9	9.3	10.2	10.5	11.2	12.5
350	9.4	9.5	9.9	10.8	11.2	12.0	13.5
375	9.9	10.0	10.4	11.4	11.9	12.8	14.2
400	10.4	10.5	11.1	12.0	12.6	13.6	15.1
425	10.9	11.0	11.7	12.6	13.3	14.4	15.9
450	11.5	11.6	12.3	13.2	14.0	15.2	16.7
475	12.1	12.1	12.9	13.8	14.8	15.9	17.5
500	12.6	12.7	13.5	14.5	15.5	16.7	18.3
525	13.2	13.3	14.2	15.2	16.3	17.6	19.2
550	13.6	13.9	14.8	15.8	17.0	18.4	20.1
575	14.1	14.5	15.4	16.5	17.7	19.2	21.0
600	14.7	15.0	16.0	17.2	18.5	19.9	21.7
625	15.2	15.7	16.7	17.8	19.2	20.7	22.6
650	15.7	16.2	17.3	18.5	19.9	21.4	23.4
675	16.3	16.8	17.9	19.2	20.5	22.2	24.2
700	16.9	17.4	18.6	19.8	21.2	22.9	25.0
725	17.4	18.0	19.1	20.5	22.0	23.7	25.8
750	18.0	18.5	19.7	21.1	22.7	24.4	26.6
775							
800							



**STATIC RADIAL DEFLECTION – 325/705-19x13.0J @ CA 0.0° DHF**





**STATIC RADIAL DEFLECTION – 325/705-19x13.0J @ CA -3.0 ° DHF**

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	1.1	1.2	1.2	1.2	1.3
50	2.0	2.2	2.2	2.2	2.4	2.5	2.7
75	2.9	3.1	3.1	3.2	3.4	3.6	3.9
100	3.8	3.9	4.1	4.3	4.5	4.8	5.1
125	4.7	4.9	5.1	5.4	5.6	5.9	6.4
150	5.5	5.7	5.9	6.2	6.6	6.9	7.4
175	6.2	6.4	6.7	7.0	7.4	7.8	8.4
200	6.8	7.1	7.4	7.7	8.2	8.7	9.4
225	7.5	7.8	8.1	8.4	9.0	9.5	10.3
250	8.1	8.5	8.8	9.2	9.9	10.4	11.2
275	8.8	9.2	9.6	10.0	10.6	11.3	12.2
300	9.5	9.8	10.2	10.7	11.4	12.2	13.2
325	10.0	10.5	10.9	11.5	12.2	13.0	14.1
350	10.7	11.1	11.6	12.2	13.0	13.9	14.9
375	11.3	11.7	12.3	13.0	13.8	14.7	15.9
400	11.9	12.4	12.9	13.6	14.5	15.4	16.7
425	12.5	13.0	13.6	14.3	15.2	16.2	17.5
450	13.1	13.6	14.2	14.9	15.9	16.9	18.4
475	13.7	14.2	14.9	15.5	16.5	17.7	19.2
500	14.2	14.7	15.4	16.2	17.2	18.5	20.1
525	14.8	15.3	16.0	16.8	17.9	19.2	21.0
550	15.2	15.9	16.6	17.5	18.7	20.0	21.8
575	15.8	16.5	17.2	18.2	19.4	20.9	22.7
600	16.3	17.0	17.9	18.8	20.1	21.6	23.4
625	16.9	17.6	18.5	19.5	20.8	22.4	24.4
650	17.4	18.2	19.1	20.1	21.5	23.1	25.1
675	18.0	18.7	19.6	20.7	22.2	23.9	26.0
700	18.5	19.3	20.3	21.4	22.9	24.6	26.9
725	19.1	19.9	20.9	22.0	23.6	25.4	27.7
750	19.7	20.5	21.5	22.7	24.3	26.1	28.6
775							
800							





**STATIC RADIAL DEFLECTION – 325/705-19x13.0J @ CA -3.0° DHF**

