

Hankook Racing Tire Technical Guide

For C54H

Tire guideline



► Tire setup for safety as below

Class	Camber Angle	Cold Pressure	Hot Pressure (Dry)	Optimum Temp. window
GTX GT3	Front Max -3.8° Rear Max -2.8°	Min 1.35 bar	Min 1.95 bar	80 ~ 100 °C Recommend not to exceed 125°C
GT4	Front Max -3.7° Rear Max -3.2°	Min 1.35 bar	Min 1.95 bar	
992	Front Max -3.7° Rear Max -2.7°	Min 1.35 bar	Min 1.95 bar	
TCR	Max -3.5°	Min 1.35 bar	Min 2.1 bar	

- If a rim with a width other than the recommended rim width is used, the camber must be reduced by at least -0.2°

ex) Front 300/680R18 with 11J rim → camber angle is limited to Max -3.5°

Front Rim width (300/660R18)	Camber Angle
Recommend	11.5 ~ 12.5J Max -3.7°
Actual use	11.0J Max -3.5°

► Caution on curbs before 2~3 Laps

Hitting curbs when the tire is low pressure may causes initial construction damage

► For safety, when the track temperature is below 20°C, tire warm-up is recommended at 70% of max. performance during initial 2 laps

If the track temperature is more lower, 1 or 2 tire warm-up laps is needed additionally

► When tires are used in different terms and conditions from the guideline, it may cause tire damage

The team is responsible for use outside of the recommended values

► The setup guide and tire data in this guideline may be updated as required, depending on the monitoring results

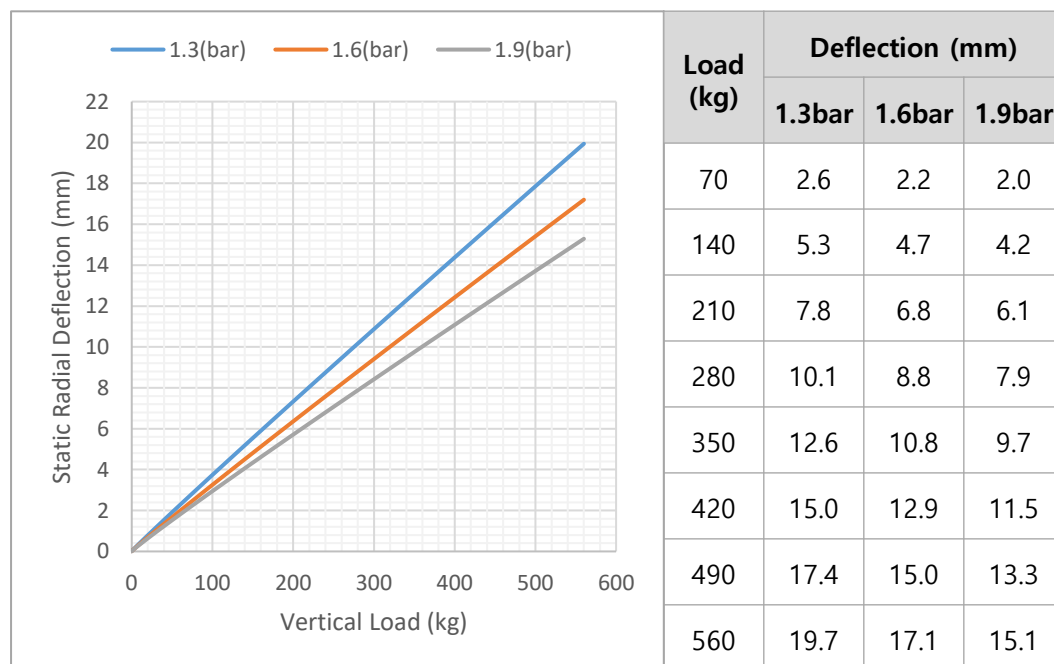
Tech data - 320/710R18 C54H



Size		Pattern	Measured		Rim Width		Overall Diameter	Section Width	Static Loaded Radius	Tread Width	Tread Depth
			Pressure	Load	Recommend	Optimum					
			[bar]	[kg]	[inch]	[inch]					
Dry	320/710R18	F200	1.9	350	12.5~13.5J	13.0J	712	354	346.9	326	3.5

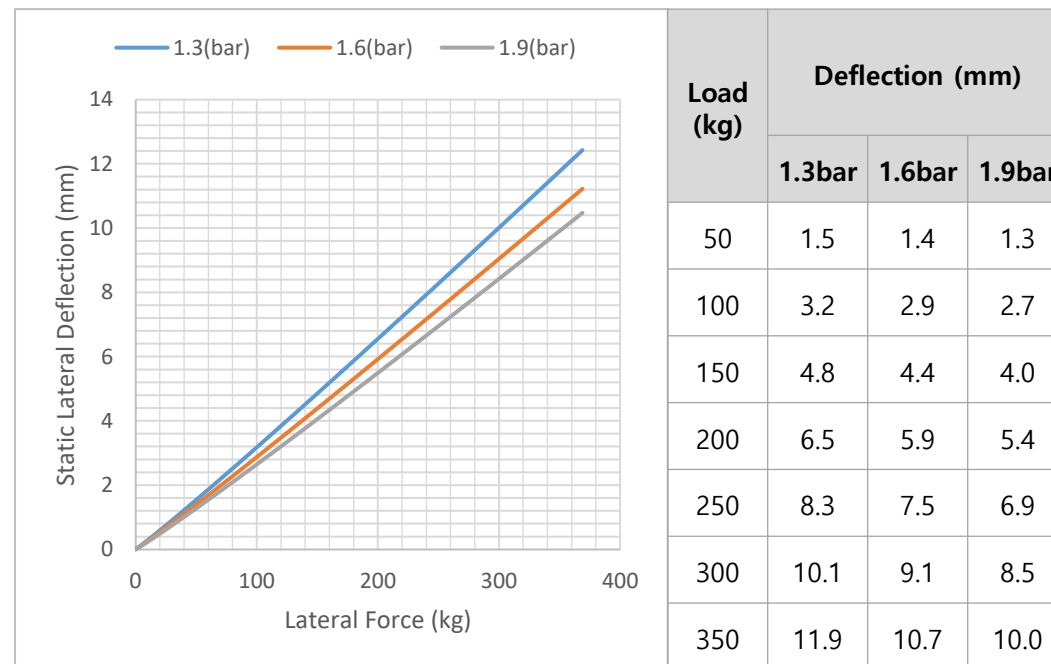
Static Radial Deflection (Vertical Stiffness) - Camber 0°

Pattern	F200
Test Rim Width	13.0 J



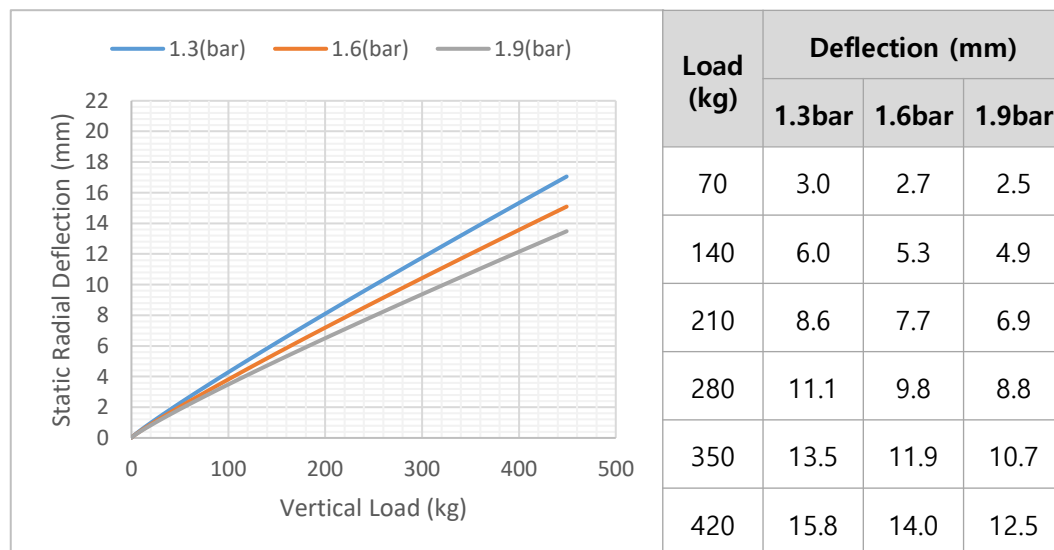
Static Radial Deflection (Lateral Stiffness) - Camber 0°

Pattern	F200
Test Rim Width	13.0 J

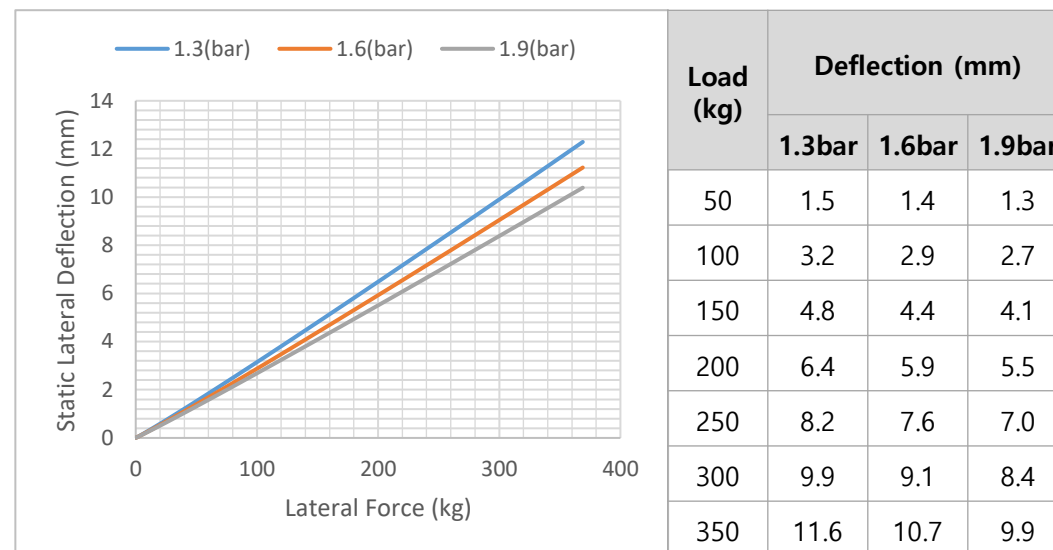


Tech data - 320/710R18 C54H

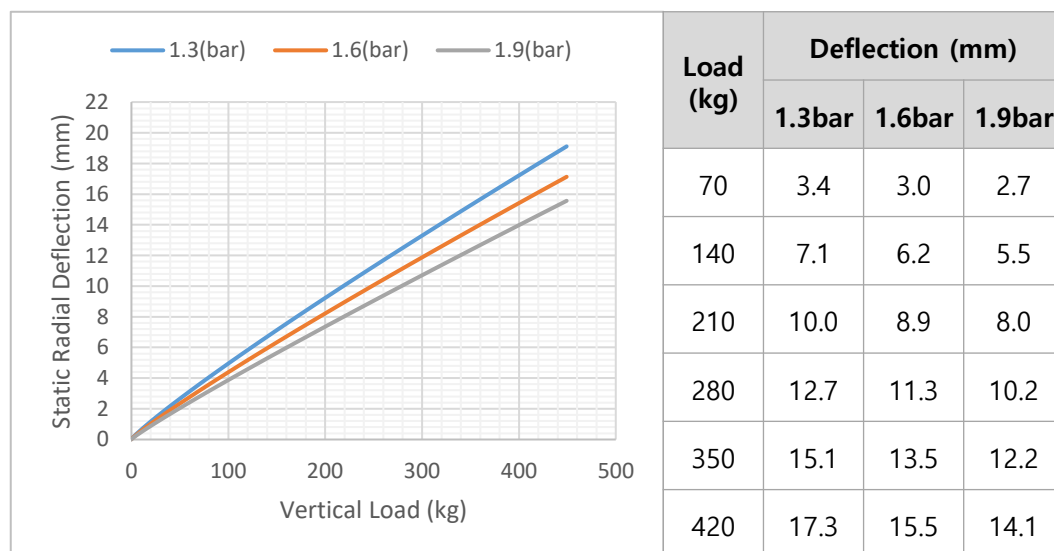
Static Radial Deflection (Vertical Stiffness) - Camber -2°



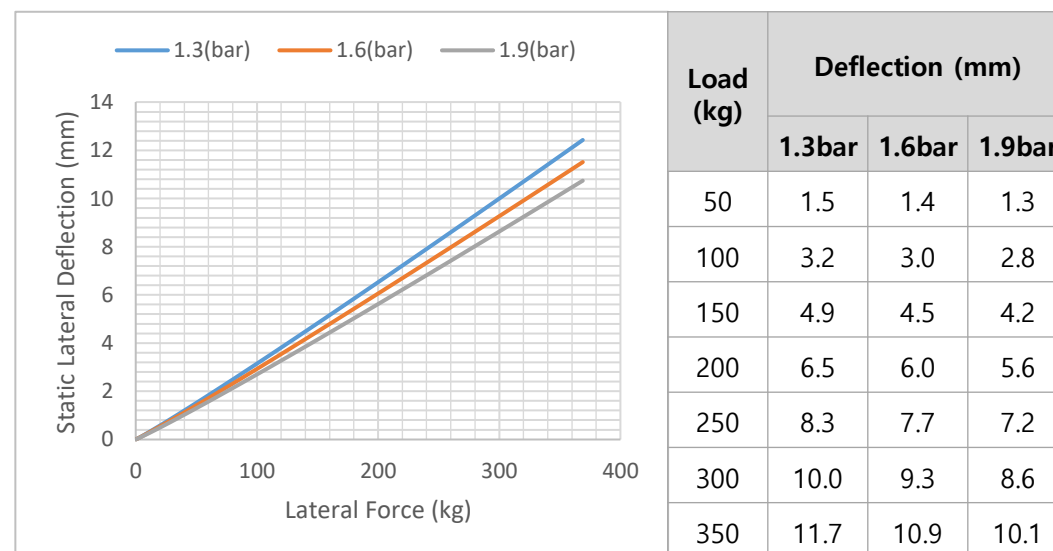
Static Radial Deflection (Lateral Stiffness) - Camber -2°



Static Radial Deflection (Vertical Stiffness) - Camber -4°



Static Radial Deflection (Lateral Stiffness) - Camber -4°



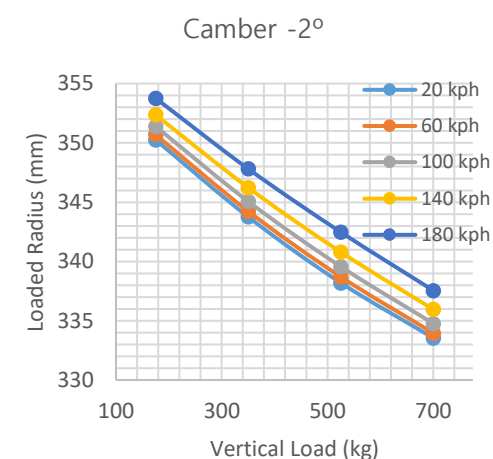
Tech data - 320/710R18 C54H



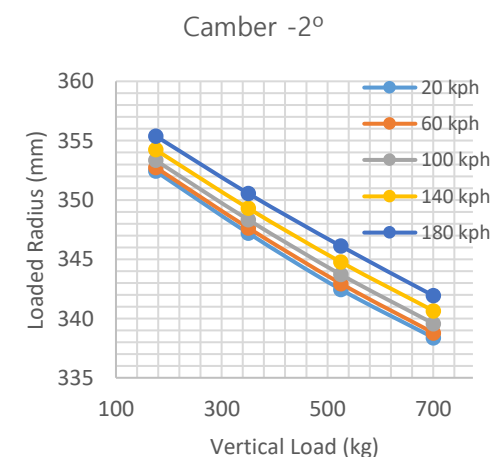
Dynamic Radial Deflection (Dynamic Loaded Radius)

Pattern	F200	Test Rim Width	13.0 J
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Air Pressure 1.4 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	332.9	337.8	343.8	349.8	333.6	338.2	343.8	350.3	334.1	338.6	344.4	351.4
	40	333.1	338.0	344.1	350.0	333.7	338.4	344.0	350.5	334.1	338.8	344.5	351.5
	60	333.4	338.4	344.4	350.2	334.0	338.7	344.2	350.7	334.3	339.0	344.7	351.7
	80	333.7	338.8	344.7	350.5	334.3	339.1	344.6	351.0	334.6	339.4	345.1	352.0
	100	334.2	339.3	345.2	350.9	334.8	339.6	345.1	351.4	335.1	339.9	345.5	352.4
	120	334.7	339.9	345.7	351.4	335.3	340.1	345.6	351.8	335.7	340.5	346.1	352.9
	140	335.4	340.6	346.3	352.0	336.0	340.8	346.2	352.4	336.3	341.1	346.7	353.5
	160	336.1	341.4	347.1	352.6	336.7	341.6	347.0	353.0	337.1	341.9	347.4	354.1
	180	337.0	342.3	348.0	353.3	337.6	342.5	347.8	353.8	337.8	342.7	348.2	354.8



Air Pressure 1.9 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	337.9	342.3	347.0	351.9	338.4	342.5	347.2	352.4	338.9	343.0	348.0	353.8
	40	338.1	342.5	347.2	352.0	338.5	342.7	347.4	352.6	339.0	343.2	348.1	353.9
	60	338.3	342.9	347.5	352.2	338.8	343.0	347.6	352.7	339.3	343.4	348.4	354.1
	80	338.7	343.2	347.8	352.5	339.1	343.3	348.0	353.0	339.6	343.8	348.7	354.4
	100	339.1	343.6	348.2	352.8	339.6	343.7	348.3	353.4	340.0	344.2	349.1	354.7
	120	339.6	344.1	348.7	353.2	340.1	344.2	348.8	353.8	340.5	344.7	349.5	355.2
	140	340.2	344.7	349.2	353.7	340.7	344.8	349.3	354.3	341.0	345.2	350.0	355.6
	160	340.8	345.4	349.8	354.2	341.3	345.4	349.9	354.8	341.7	345.8	350.6	356.2
	180	341.5	346.1	350.5	354.8	341.9	346.1	350.5	355.4	342.3	346.5	351.3	356.7



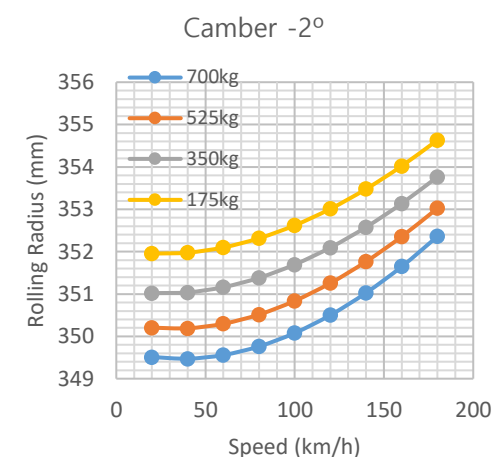
Tech data - 320/710R18 C54H



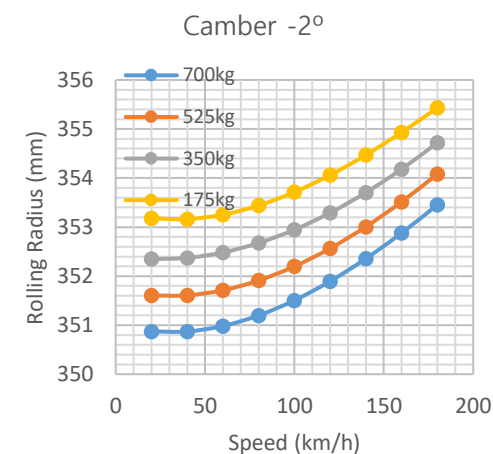
Effective Rolling Radius (Dynamic Rolling Radius)

Pattern	F200	Test Rim Width	13.0 J
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Air Pressure 1.4 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	349.2	350.2	351.1	352.2	349.5	350.2	351.0	352.0	349.5	350.1	350.5	350.9
	40	349.2	350.2	351.1	352.2	349.5	350.2	351.0	352.0	349.5	350.1	350.5	350.9
	60	349.3	350.3	351.2	352.4	349.6	350.3	351.2	352.1	349.6	350.2	350.7	351.0
	80	349.5	350.5	351.4	352.6	349.8	350.5	351.4	352.3	349.8	350.4	350.9	351.2
	100	349.8	350.8	351.7	352.9	350.1	350.8	351.7	352.6	350.2	350.8	351.2	351.5
	120	350.2	351.2	352.1	353.3	350.5	351.3	352.1	353.0	350.6	351.2	351.6	351.9
	140	350.7	351.8	352.6	353.8	351.0	351.8	352.6	353.5	351.1	351.7	352.1	352.4
	160	351.3	352.4	353.2	354.3	351.7	352.4	353.1	354.0	351.8	352.3	352.6	352.9
	180	352.1	353.1	353.9	354.9	352.4	353.0	353.8	354.6	352.4	353.0	353.3	353.5



Air Pressure 1.9 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	350.9	351.7	352.5	353.6	350.9	351.6	352.3	353.2	350.6	351.1	351.5	352.0
	40	350.9	351.7	352.5	353.5	350.9	351.6	352.4	353.2	350.6	351.2	351.5	352.0
	60	351.0	351.8	352.6	353.7	351.0	351.7	352.5	353.3	350.8	351.3	351.6	352.1
	80	351.2	352.0	352.8	353.9	351.2	351.9	352.7	353.4	351.0	351.5	351.8	352.3
	100	351.5	352.3	353.1	354.2	351.5	352.2	352.9	353.7	351.3	351.8	352.1	352.5
	120	351.9	352.6	353.4	354.5	351.9	352.6	353.3	354.1	351.7	352.2	352.5	352.9
	140	352.4	353.1	353.8	354.9	352.4	353.0	353.7	354.5	352.2	352.6	352.9	353.3
	160	352.9	353.6	354.3	355.4	352.9	353.5	354.2	354.9	352.8	353.1	353.4	353.8
	180	353.5	354.2	354.8	355.8	353.5	354.1	354.7	355.4	353.3	353.7	354.0	354.3



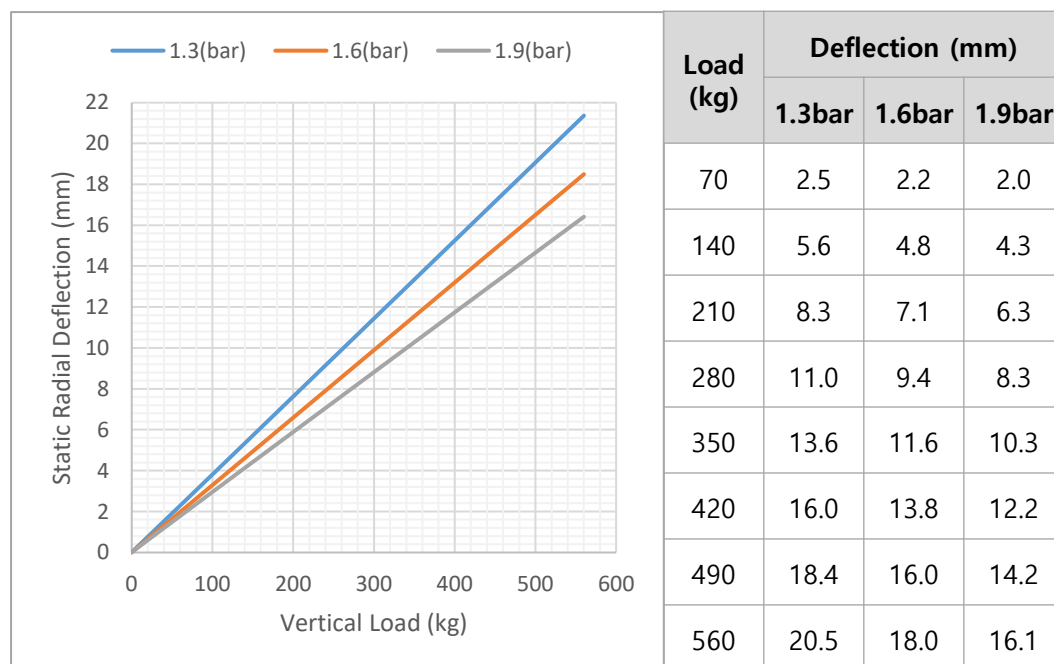
Tech data - 300/680R18 C54H



Size		Pattern	Measured		Rim Width		Overall Diameter	Section Width	Static Loaded Radius	Tread Width	Tread Depth
			Pressure	Load	Recommend	Optimum					
			[bar]	[kg]	[inch]	[inch]					
Dry	300/680R18	F200	1.9	350	11.5~12.5J	12.0J	683	327	332.0	306	3.5

Static Radial Deflection (Vertical Stiffness) - Camber 0°

Pattern	F200
Test Rim Width	12.0 J



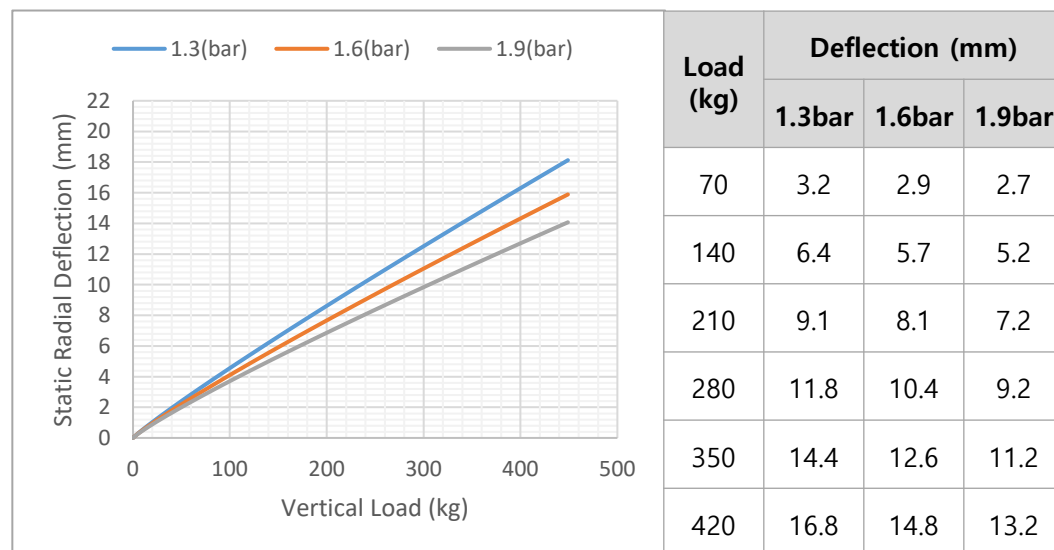
Static Radial Deflection (Lateral Stiffness) - Camber 0°

Pattern	F200
Test Rim Width	12.0 J

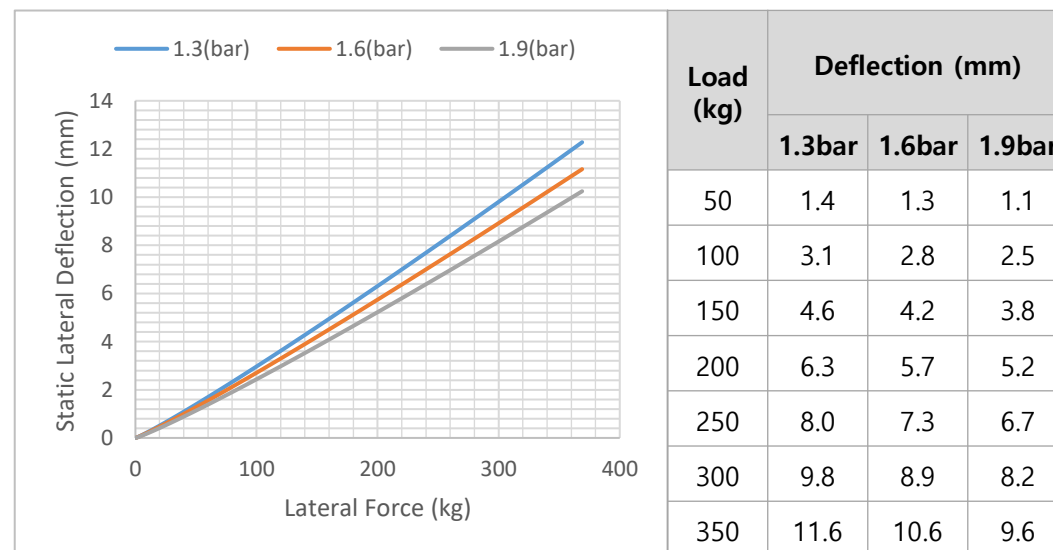


Tech data - 300/680R18 C54H

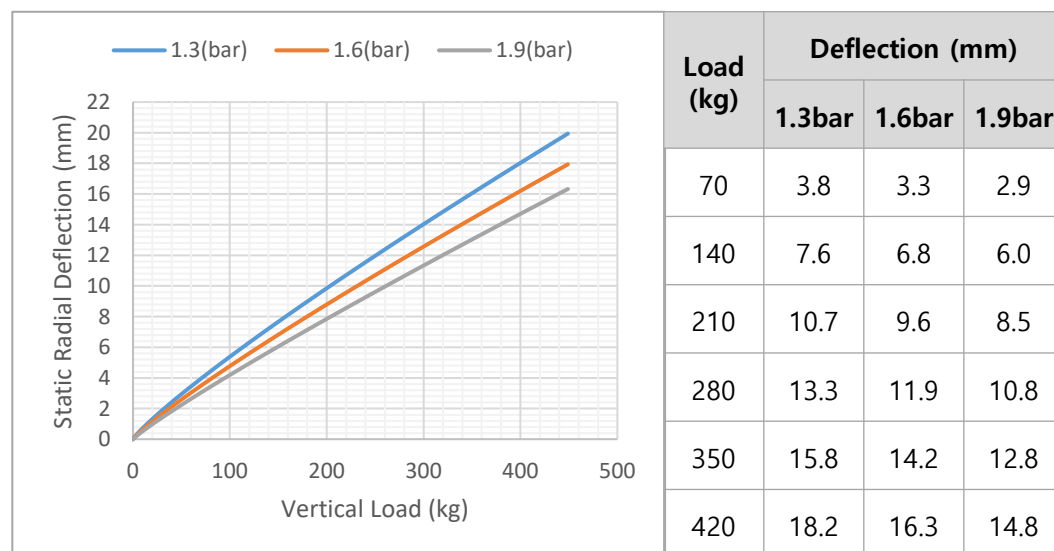
Static Radial Deflection (Vertical Stiffness) - Camber -2°



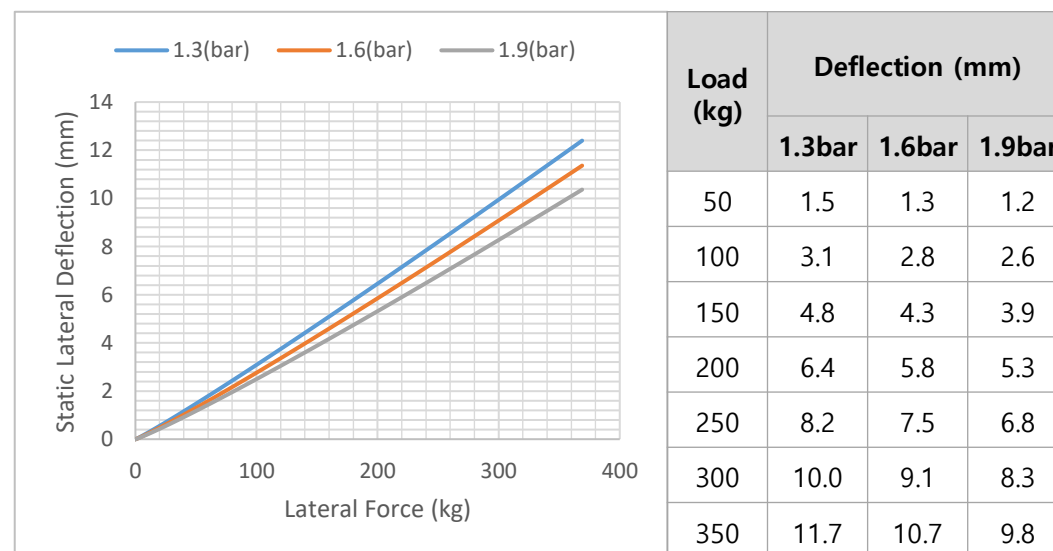
Static Radial Deflection (Lateral Stiffness) - Camber -2°



Static Radial Deflection (Vertical Stiffness) - Camber -4°



Static Radial Deflection (Lateral Stiffness) - Camber -4°



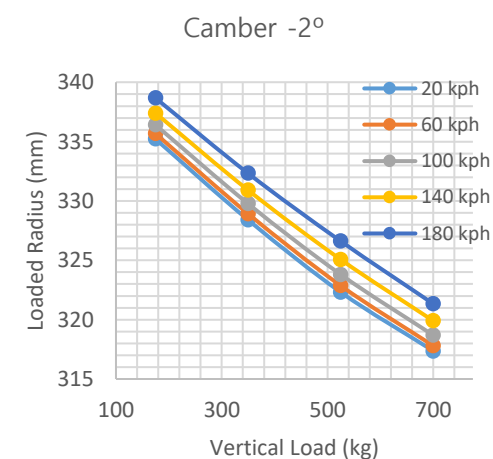
Tech data - 300/680R18 C54H



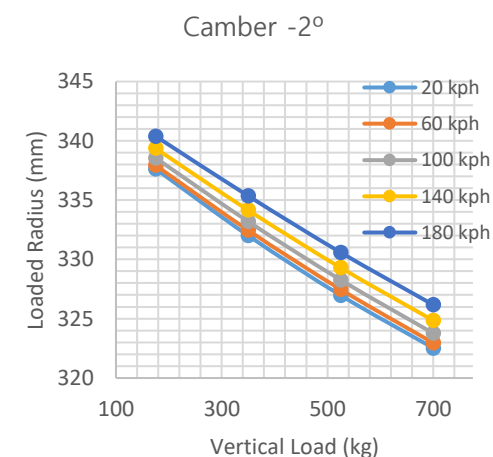
Dynamic Radial Deflection (Dynamic Loaded Radius)

Pattern	F200	Test Rim Width	12.0 J
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Air Pressure 1.4 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	317.0	321.9	328.1	334.9	317.4	322.3	328.4	335.2	317.9	323.0	329.1	336.1
	40	317.2	322.2	328.3	335.1	317.5	322.5	328.6	335.4	317.9	323.1	329.3	336.3
	60	317.4	322.6	328.7	335.3	317.8	322.9	328.9	335.7	318.1	323.3	329.5	336.5
	80	317.8	323.0	329.1	335.7	318.2	323.3	329.3	336.0	318.5	323.7	329.9	336.9
	100	318.3	323.5	329.6	336.1	318.7	323.8	329.8	336.4	319.0	324.2	330.3	337.3
	120	318.9	324.1	330.2	336.5	319.3	324.4	330.3	336.9	319.6	324.8	330.9	337.8
	140	319.6	324.8	330.8	337.1	319.9	325.1	330.9	337.4	320.2	325.5	331.5	338.3
	160	320.3	325.5	331.5	337.7	320.6	325.8	331.6	338.0	320.9	326.3	332.2	338.9
	180	321.2	326.4	332.3	338.4	321.3	326.6	332.3	338.7	321.7	327.0	332.9	339.5



Air Pressure 1.9 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	322.3	326.8	331.8	337.1	322.5	327.0	332.0	337.6	323.0	327.5	332.8	338.8
	40	322.5	327.0	332.0	337.3	322.7	327.2	332.2	337.7	323.2	327.7	332.9	338.9
	60	322.8	327.3	332.3	337.5	323.0	327.5	332.5	337.9	323.4	328.0	333.1	339.1
	80	323.1	327.6	332.7	337.8	323.3	327.8	332.8	338.2	323.8	328.3	333.5	339.3
	100	323.5	328.1	333.1	338.1	323.8	328.3	333.2	338.5	324.2	328.7	333.8	339.7
	120	324.0	328.6	333.5	338.5	324.3	328.8	333.6	338.9	324.7	329.2	334.3	340.1
	140	324.5	329.1	334.0	339.0	324.9	329.3	334.2	339.4	325.3	329.7	334.8	340.6
	160	325.1	329.8	334.6	339.5	325.5	329.9	334.7	339.9	325.9	330.4	335.4	341.1
	180	325.8	330.4	335.2	340.0	326.2	330.6	335.3	340.4	326.6	331.0	336.0	341.6



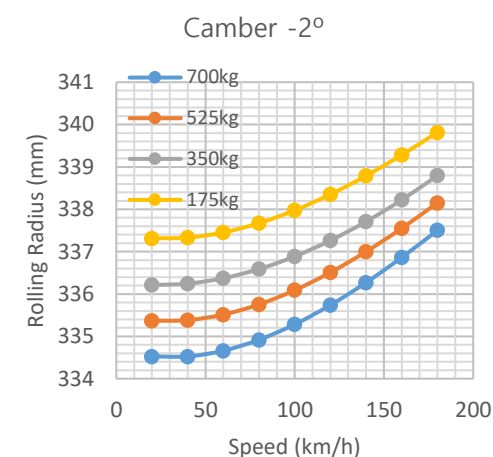
Tech data - 300/680R18 C54H



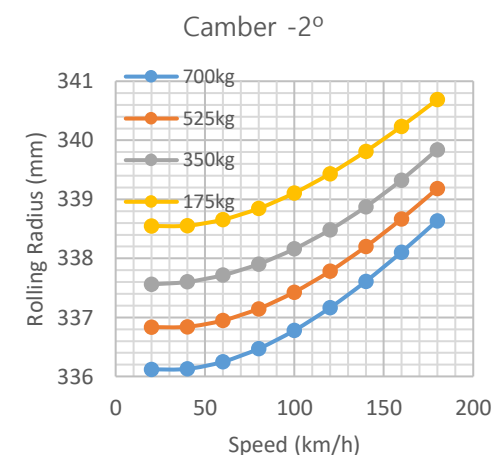
Effective Rolling Radius (Dynamic Rolling Radius)

Pattern	F200	Test Rim Width	12.0 J
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Air Pressure 1.4 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	334.2	335.1	336.2	337.4	334.5	335.4	336.2	337.3	334.6	335.4	335.9	336.4
	40	334.2	335.2	336.2	337.5	334.5	335.4	336.2	337.3	334.6	335.4	336.0	336.4
	60	334.3	335.3	336.3	337.6	334.7	335.5	336.4	337.5	334.8	335.5	336.1	336.5
	80	334.5	335.6	336.6	337.9	334.9	335.8	336.6	337.7	335.0	335.7	336.3	336.7
	100	334.9	335.9	336.9	338.2	335.3	336.1	336.9	338.0	335.4	336.1	336.6	337.0
	120	335.4	336.3	337.3	338.5	335.7	336.5	337.3	338.4	335.9	336.5	337.0	337.3
	140	335.9	336.9	337.8	339.0	336.3	337.0	337.7	338.8	336.4	337.0	337.5	337.8
	160	336.6	337.4	338.3	339.4	336.9	337.6	338.2	339.3	337.0	337.6	338.0	338.3
	180	337.3	338.1	338.9	340.0	337.5	338.2	338.8	339.8	337.6	338.2	338.6	338.9



Air Pressure 1.9 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	336.0	336.9	337.7	338.8	336.1	336.8	337.6	338.5	336.0	336.6	337.0	337.5
	40	336.0	336.9	337.7	338.8	336.1	336.8	337.6	338.6	336.0	336.6	337.0	337.4
	60	336.1	337.0	337.8	338.9	336.3	336.9	337.7	338.7	336.2	336.7	337.2	337.5
	80	336.4	337.2	338.0	339.1	336.5	337.1	337.9	338.8	336.4	336.9	337.4	337.7
	100	336.7	337.5	338.2	339.4	336.8	337.4	338.2	339.1	336.7	337.2	337.6	338.0
	120	337.0	337.8	338.6	339.7	337.2	337.8	338.5	339.4	337.1	337.6	338.0	338.3
	140	337.5	338.2	338.9	340.1	337.6	338.2	338.9	339.8	337.6	338.0	338.4	338.7
	160	338.0	338.7	339.4	340.5	338.1	338.7	339.3	340.2	338.1	338.5	338.8	339.1
	180	338.5	339.2	339.9	341.0	338.6	339.2	339.8	340.7	338.6	339.0	339.3	339.6



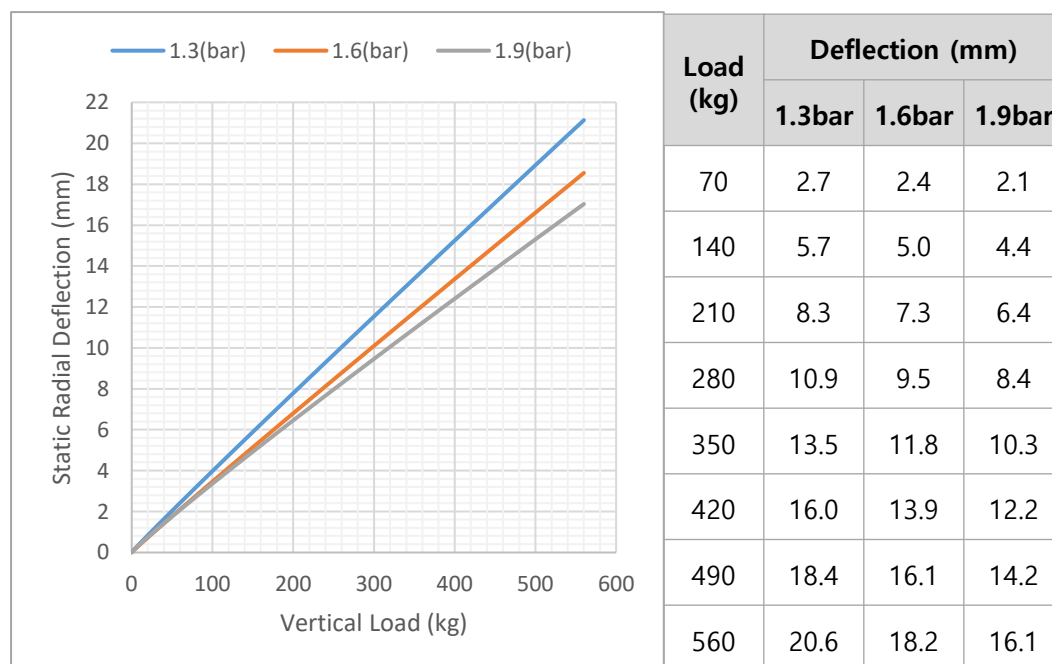
Tech data - 300/660R18 C54H



Size		Pattern	Measured		Rim Width		Overall Diameter	Section Width	Static Loaded Radius	Tread Width	Tread Depth
			Pressure	Load	Recommend	Optimum					
			[bar]	[kg]	[inch]	[inch]					
Dry	300/660R18	F200	1.9	350	11.5~12.5J	12.0J	660	321	319.8	300	3.5

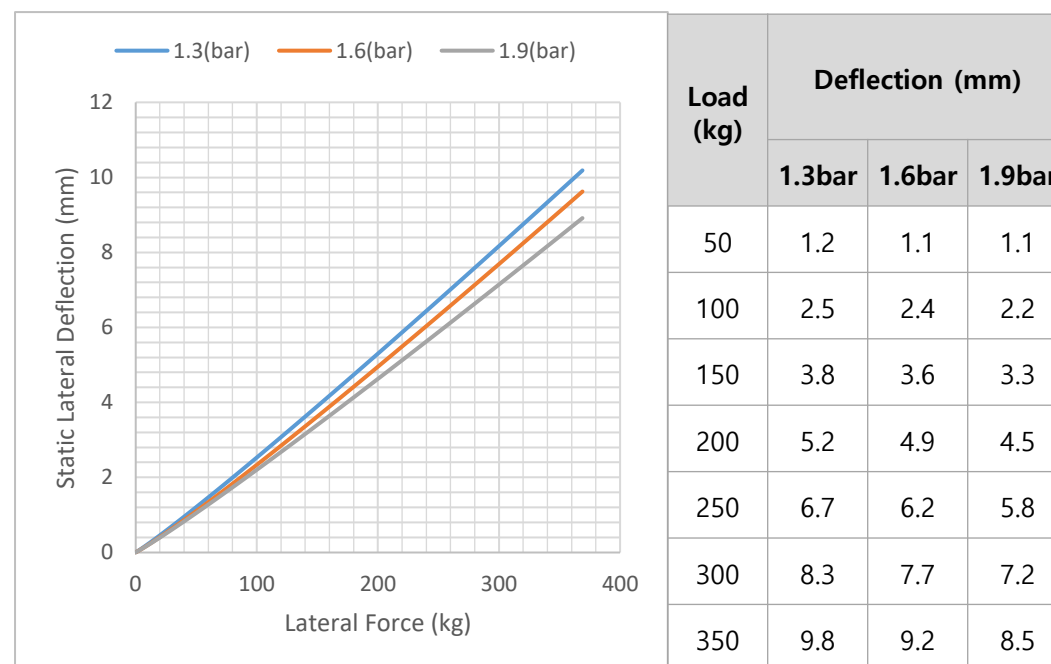
Static Radial Deflection (Vertical Stiffness) - Camber 0°

Pattern	F200
Test Rim Width	12.0 J



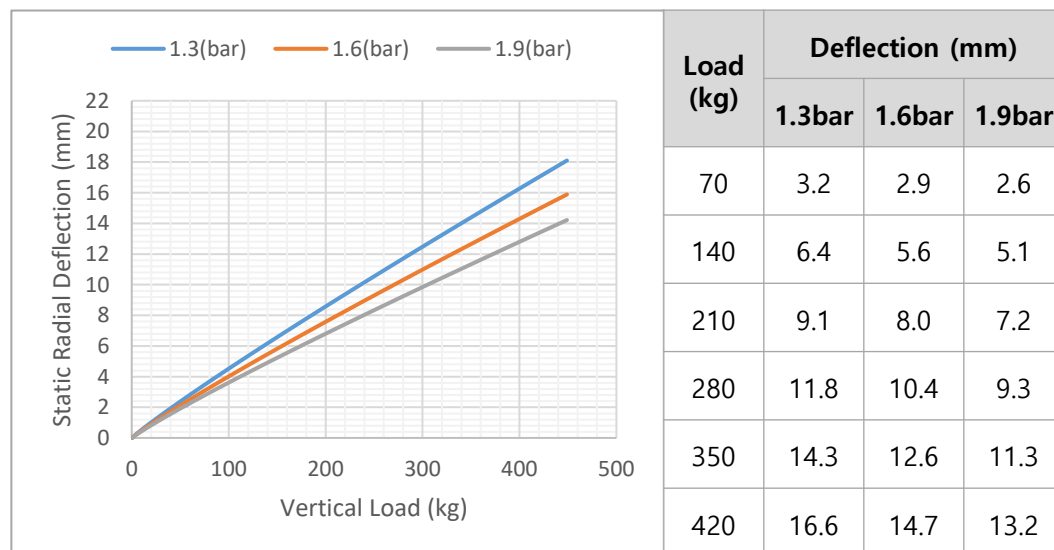
Static Radial Deflection (Lateral Stiffness) - Camber 0°

Pattern	F200
Test Rim Width	12.0 J

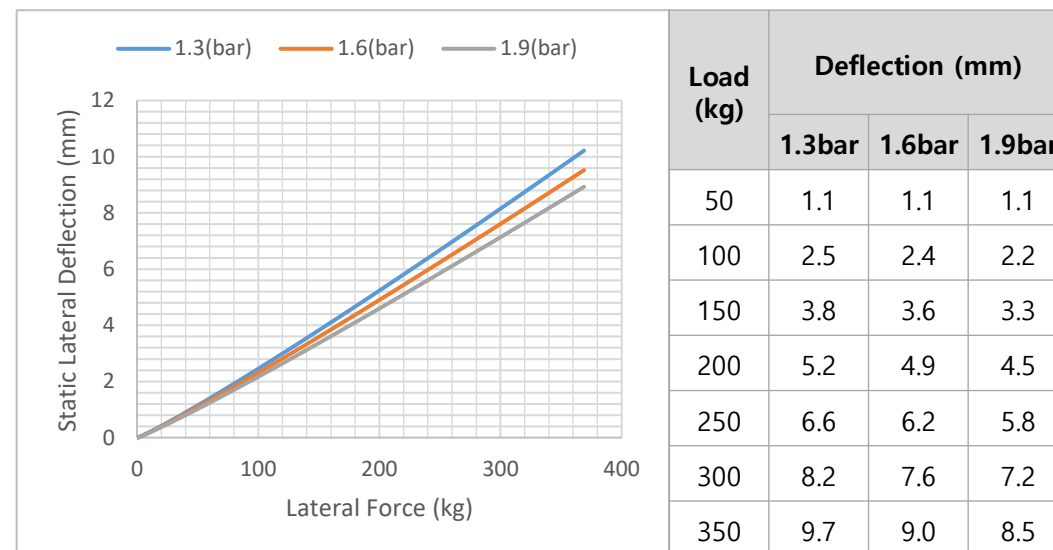


Tech data - 300/660R18 C54H

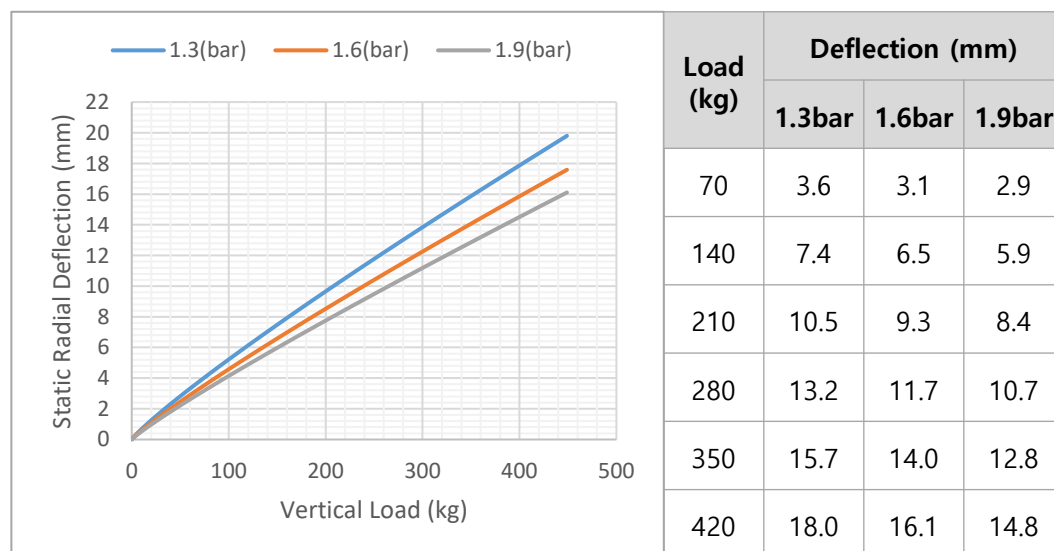
Static Radial Deflection (Vertical Stiffness) - Camber -2°



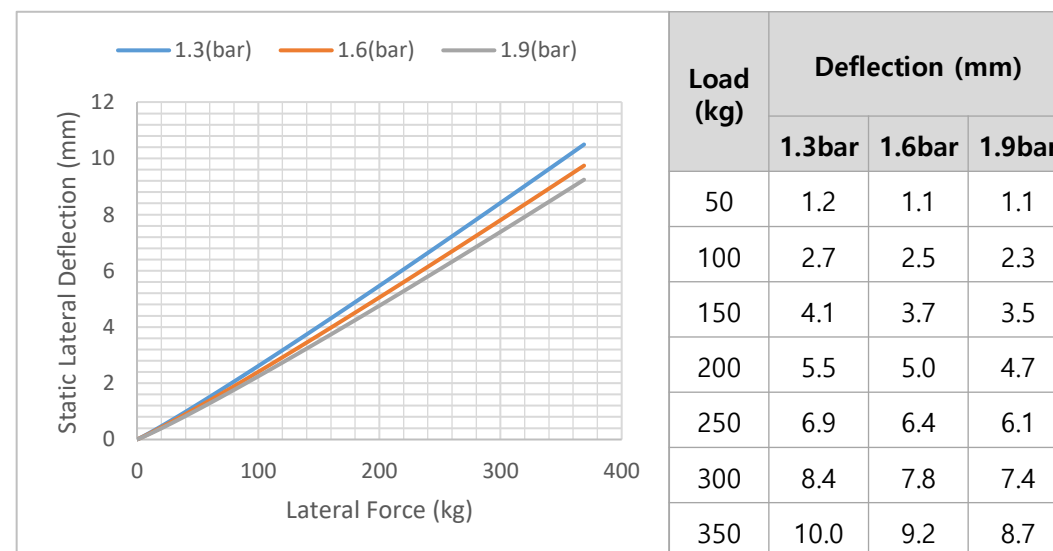
Static Radial Deflection (Lateral Stiffness) - Camber -2°



Static Radial Deflection (Vertical Stiffness) - Camber -4°



Static Radial Deflection (Lateral Stiffness) - Camber -4°



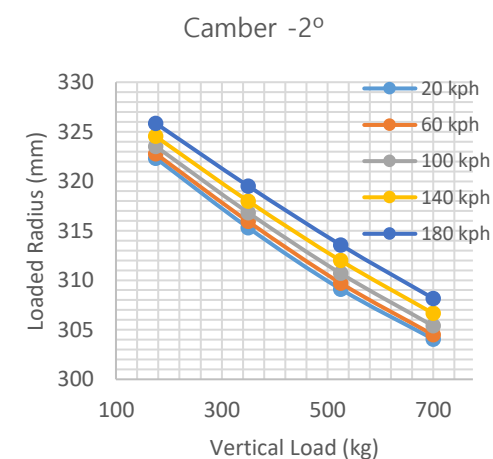
Tech data - 300/660R18 C54H



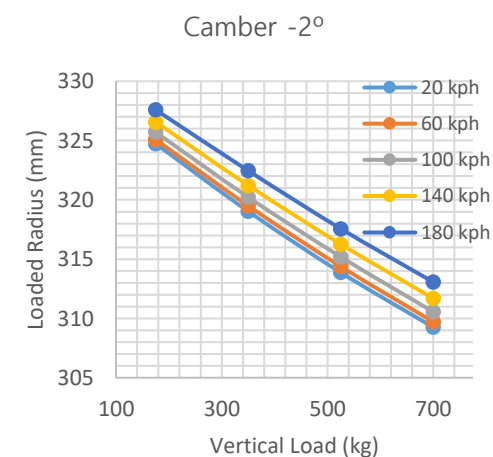
Dynamic Radial Deflection (Dynamic Loaded Radius)

Pattern	F200	Test Rim Width	12.0 J
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Air Pressure 1.4 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	303.5	308.6	315.1	322.0	304.0	309.1	315.3	322.3	304.8	309.7	315.9	323.4
	40	303.7	308.9	315.4	322.2	304.2	309.3	315.6	322.5	304.9	309.9	316.0	323.5
	60	304.0	309.3	315.7	322.4	304.5	309.7	315.9	322.8	305.1	310.3	316.3	323.7
	80	304.4	309.8	316.2	322.8	304.9	310.2	316.3	323.1	305.5	310.7	316.7	324.1
	100	304.9	310.3	316.7	323.2	305.4	310.7	316.8	323.5	306.0	311.2	317.2	324.5
	120	305.6	311.0	317.2	323.7	306.0	311.3	317.4	324.0	306.6	311.8	317.7	325.0
	140	306.2	311.7	317.9	324.2	306.6	312.0	318.0	324.5	307.2	312.4	318.4	325.6
	160	307.0	312.5	318.7	324.8	307.4	312.7	318.7	325.2	307.9	313.1	319.0	326.2
	180	307.8	313.4	319.5	325.5	308.2	313.6	319.5	325.8	308.6	313.9	319.7	326.8



Air Pressure 1.9 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	308.8	313.5	318.8	324.2	309.3	313.9	319.0	324.7	310.0	314.4	319.7	326.1
	40	309.1	313.8	319.1	324.4	309.4	314.1	319.2	324.9	310.1	314.6	319.9	326.1
	60	309.4	314.2	319.4	324.6	309.7	314.4	319.5	325.1	310.4	314.8	320.1	326.3
	80	309.8	314.6	319.7	324.9	310.1	314.8	319.8	325.4	310.7	315.2	320.4	326.6
	100	310.2	315.0	320.1	325.2	310.6	315.2	320.2	325.7	311.2	315.6	320.8	326.9
	120	310.7	315.6	320.6	325.6	311.1	315.7	320.7	326.1	311.7	316.1	321.3	327.4
	140	311.2	316.1	321.1	326.0	311.7	316.3	321.2	326.5	312.2	316.7	321.8	327.8
	160	311.9	316.8	321.7	326.5	312.4	316.9	321.8	327.0	312.8	317.3	322.4	328.4
	180	312.6	317.5	322.4	327.1	313.1	317.6	322.5	327.6	313.5	318.0	323.0	328.9



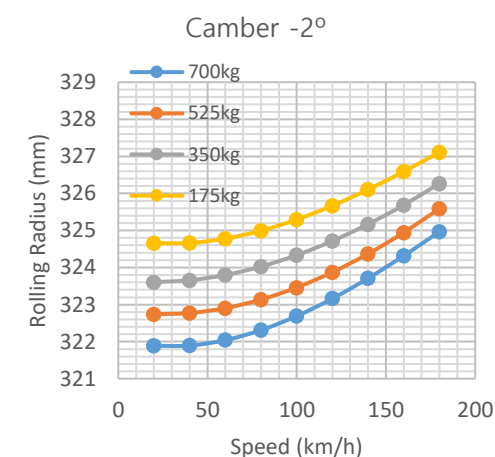
Tech data - 300/660R18 C54H



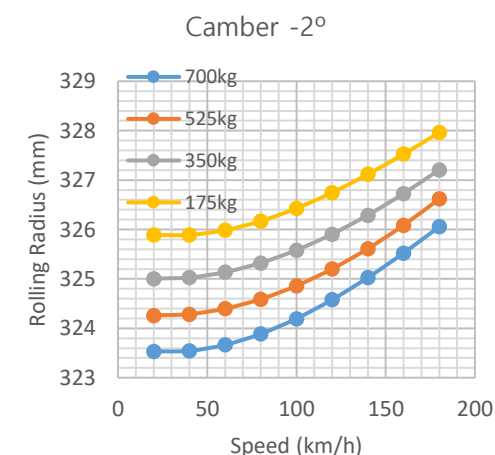
Effective Rolling Radius (Dynamic Rolling Radius)

Pattern	F200	Test Rim Width	12.0 J
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Air Pressure 1.4 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	321.6	322.6	323.6	324.8	321.9	322.7	323.6	324.7	321.9	322.7	323.4	323.8
	40	321.6	322.6	323.6	324.8	321.9	322.8	323.7	324.7	322.0	322.7	323.4	323.9
	60	321.7	322.8	323.7	324.9	322.0	322.9	323.8	324.8	322.1	322.9	323.5	324.0
	80	322.0	323.0	324.0	325.2	322.3	323.1	324.0	325.0	322.4	323.1	323.8	324.2
	100	322.4	323.4	324.2	325.5	322.7	323.5	324.3	325.3	322.7	323.4	324.1	324.5
	120	322.9	323.8	324.6	325.9	323.2	323.9	324.7	325.7	323.2	323.9	324.5	324.9
	140	323.4	324.3	325.1	326.3	323.7	324.4	325.2	326.1	323.7	324.4	325.0	325.3
	160	324.1	324.9	325.6	326.8	324.3	324.9	325.7	326.6	324.3	324.9	325.5	325.8
	180	324.8	325.6	326.2	327.3	325.0	325.6	326.3	327.1	325.0	325.5	326.1	326.4



Air Pressure 1.9 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	323.4	324.3	325.0	326.1	323.5	324.3	325.0	325.9	323.4	324.0	324.5	324.9
	40	323.4	324.3	325.1	326.2	323.5	324.3	325.0	325.9	323.4	324.1	324.5	324.9
	60	323.6	324.4	325.2	326.3	323.7	324.4	325.1	326.0	323.6	324.2	324.7	325.0
	80	323.8	324.6	325.4	326.5	323.9	324.6	325.3	326.2	323.8	324.4	324.9	325.2
	100	324.1	324.8	325.6	326.7	324.2	324.9	325.6	326.4	324.1	324.7	325.1	325.4
	120	324.5	325.2	325.9	327.0	324.6	325.2	325.9	326.7	324.5	325.0	325.5	325.7
	140	325.0	325.6	326.3	327.4	325.0	325.6	326.3	327.1	325.0	325.4	325.9	326.1
	160	325.5	326.1	326.7	327.9	325.5	326.1	326.7	327.5	325.5	325.9	326.3	326.6
	180	326.0	326.6	327.2	328.4	326.1	326.6	327.2	328.0	326.0	326.4	326.8	327.0



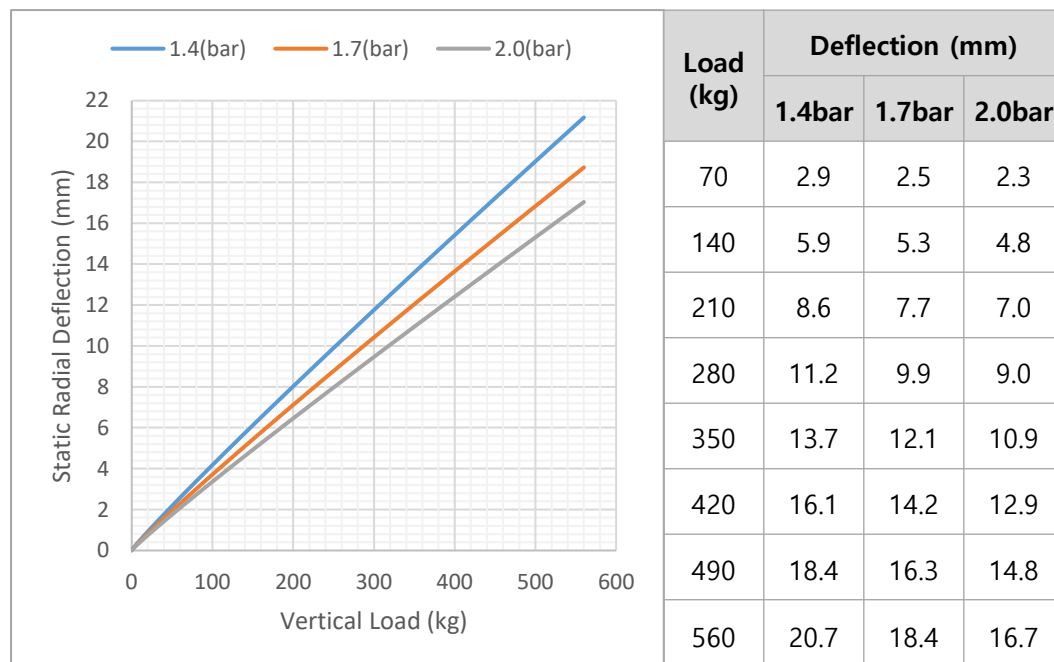
Tech data - 280/660R18 C54H



Size		Pattern	Measured		Rim Width		Overall Diameter	Section Width	Static Loaded Radius	Tread Width	Tread Depth
			Pressure	Load	Recommend	Optimum					
			[bar]	[kg]	[inch]	[inch]					
Dry	280/660R18	F200	2.0	350	10.5~11.5J	11.0J	665	299	322.8	274	3.5

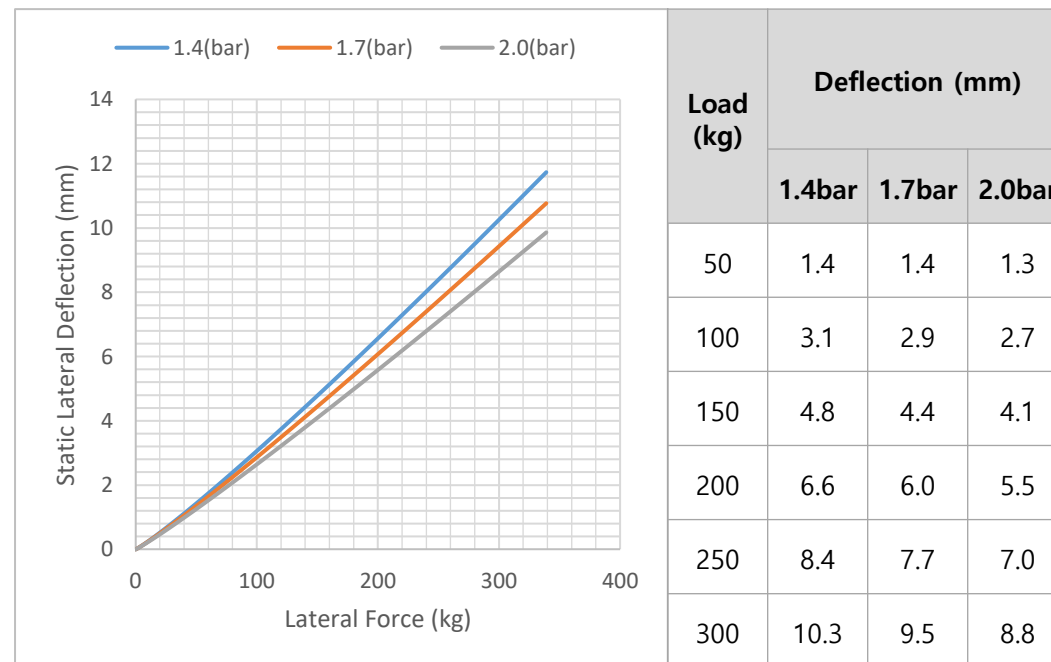
Static Radial Deflection (Vertical Stiffness) - Camber 0°

Pattern	F200
Test Rim Width	11.0 J



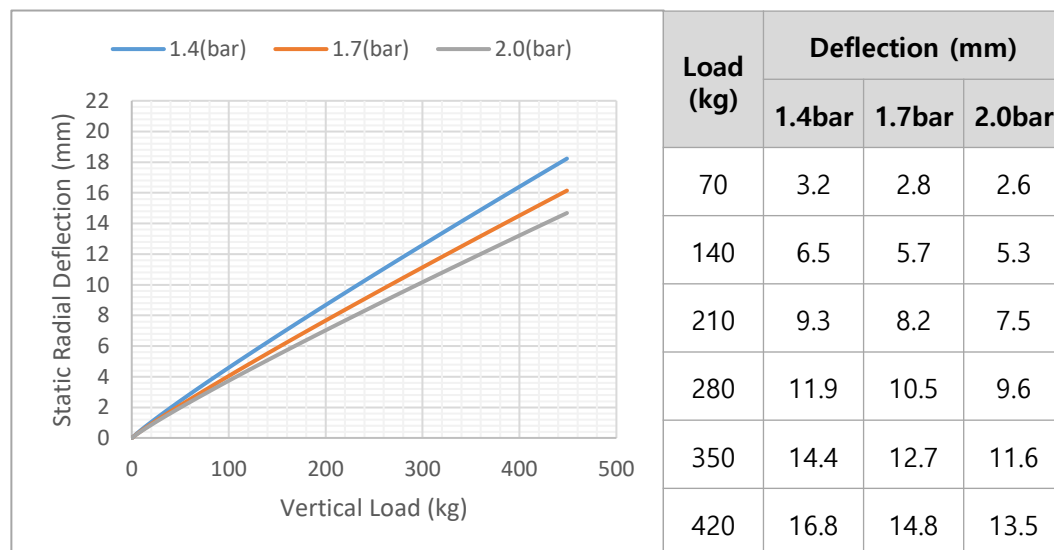
Static Radial Deflection (Lateral Stiffness) - Camber 0°

Pattern	F200
Test Rim Width	11.0 J

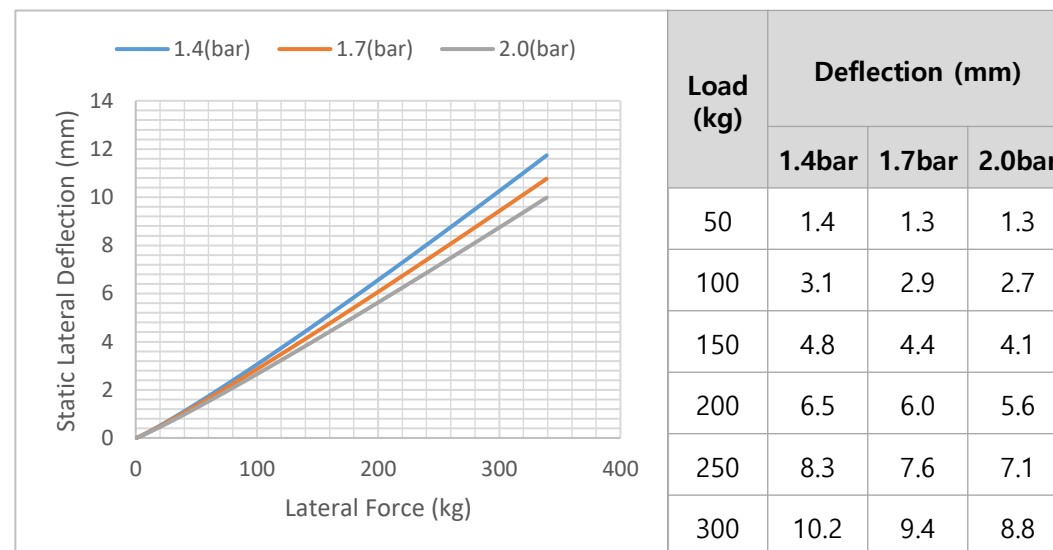


Tech data - 280/660R18 C54H

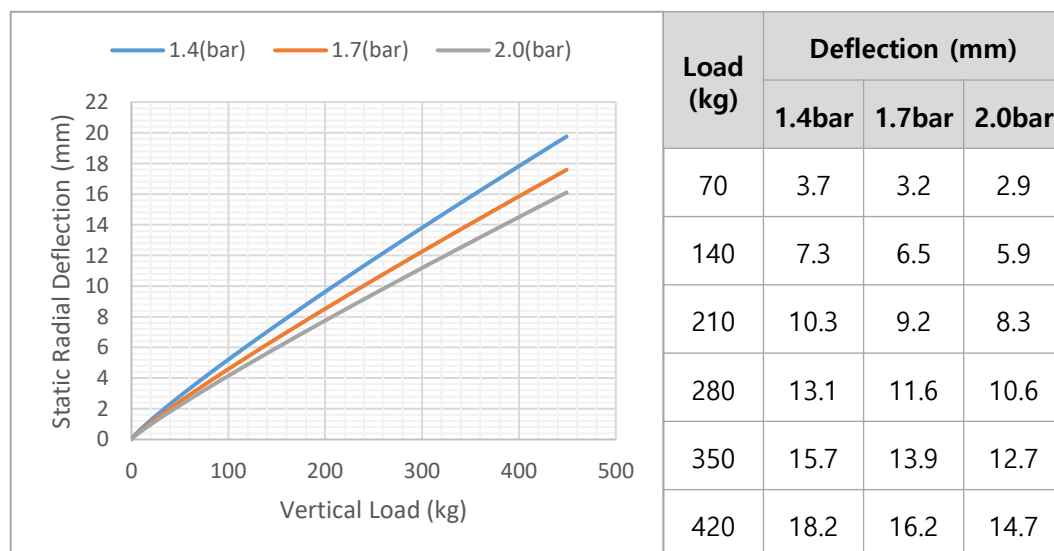
Static Radial Deflection (Vertical Stiffness) - Camber -2°



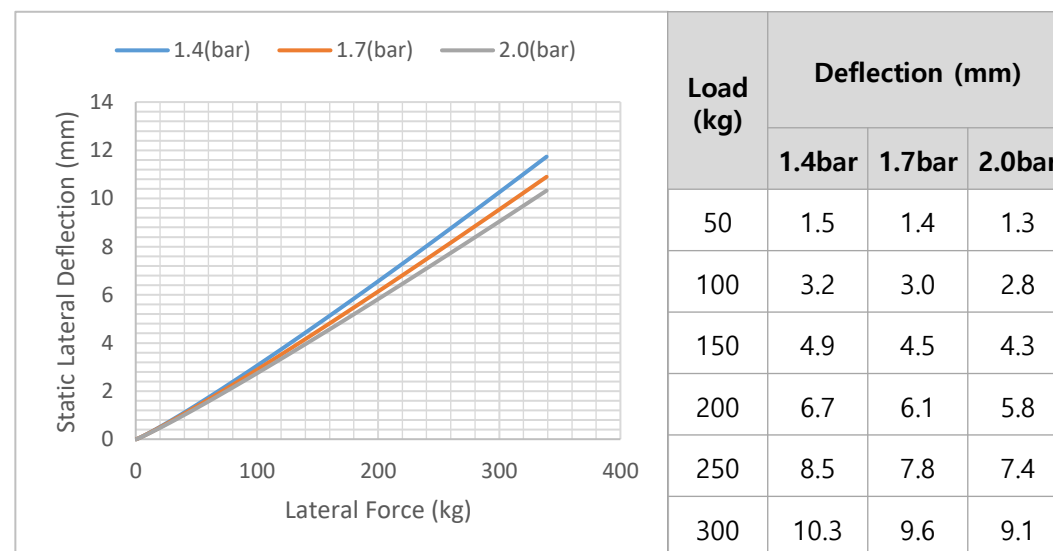
Static Radial Deflection (Lateral Stiffness) - Camber -2°



Static Radial Deflection (Vertical Stiffness) - Camber -4°



Static Radial Deflection (Lateral Stiffness) - Camber -4°



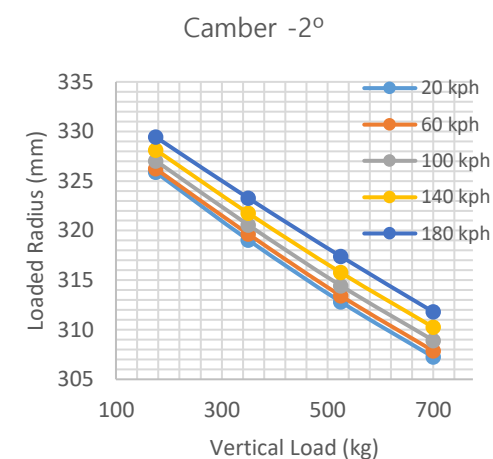
Tech data - 280/660R18 C54H



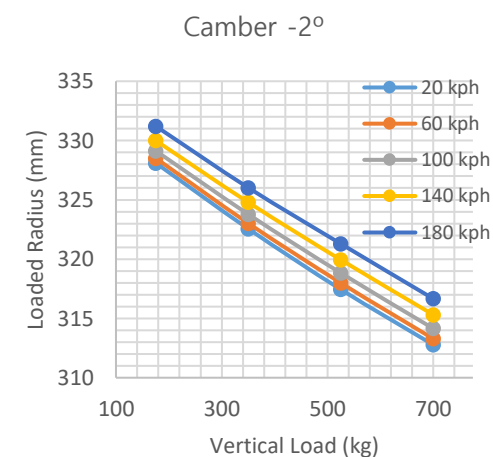
Dynamic Radial Deflection (Dynamic Loaded Radius)

Pattern	F200	Test Rim Width	11.0 J
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Air Pressure 1.5 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	306.9	312.4	318.8	325.5	307.2	312.8	319.0	325.9	307.4	313.1	319.5	327.0
	40	307.1	312.7	319.0	325.6	307.5	313.1	319.3	326.0	307.6	313.3	319.7	327.1
	60	307.5	313.1	319.4	325.9	307.9	313.4	319.7	326.2	308.0	313.6	320.0	327.3
	80	307.9	313.6	319.8	326.3	308.3	313.9	320.1	326.6	308.5	314.1	320.4	327.6
	100	308.5	314.2	320.3	326.7	308.9	314.4	320.6	327.0	309.0	314.7	320.9	328.0
	120	309.2	314.8	321.0	327.3	309.5	315.1	321.1	327.6	309.7	315.3	321.5	328.6
	140	309.9	315.5	321.6	327.8	310.3	315.8	321.8	328.1	310.4	316.1	322.1	329.1
	160	310.7	316.4	322.4	328.5	311.0	316.5	322.5	328.8	311.2	316.8	322.8	329.8
	180	311.5	317.2	323.2	329.2	311.8	317.4	323.3	329.4	312.0	317.6	323.6	330.4



Air Pressure 2.0 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	312.5	317.3	322.4	327.7	312.8	317.5	322.6	328.1	313.0	317.9	323.2	329.4
	40	312.7	317.5	322.7	327.8	313.0	317.7	322.8	328.3	313.3	318.0	323.3	329.5
	60	313.0	317.8	322.9	328.0	313.3	318.0	323.0	328.5	313.6	318.3	323.6	329.7
	80	313.4	318.2	323.3	328.3	313.7	318.4	323.4	328.8	314.0	318.7	323.9	330.0
	100	313.8	318.7	323.7	328.7	314.2	318.8	323.8	329.1	314.5	319.1	324.3	330.4
	120	314.4	319.2	324.2	329.1	314.7	319.4	324.3	329.5	315.0	319.7	324.8	330.8
	140	314.9	319.8	324.7	329.6	315.3	319.9	324.8	330.0	315.6	320.2	325.3	331.3
	160	315.6	320.4	325.3	330.2	316.0	320.6	325.4	330.6	316.3	320.9	325.9	331.8
	180	316.3	321.1	326.0	330.7	316.7	321.3	326.0	331.2	317.0	321.5	326.5	332.4



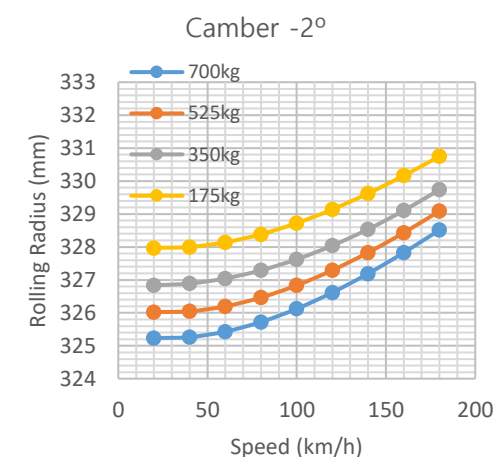
Tech data - 280/660R18 C54H



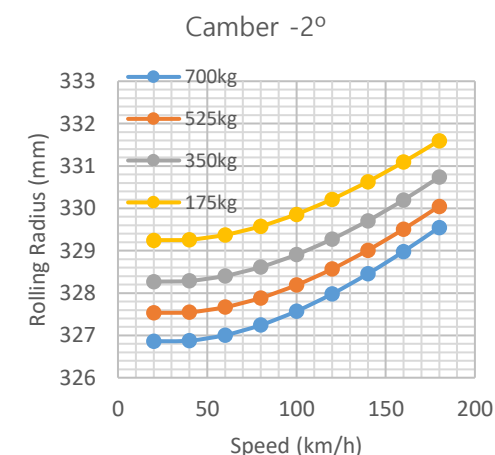
Effective Rolling Radius (Dynamic Rolling Radius)

Pattern	F200	Test Rim Width	11.0 J
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Air Pressure 1.5 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	324.8	325.8	326.8	328.1	325.2	326.0	326.8	328.0	325.3	326.1	326.7	327.2
	40	324.9	325.8	326.8	328.1	325.3	326.0	326.9	328.0	325.4	326.1	326.8	327.2
	60	325.0	326.0	326.9	328.3	325.4	326.2	327.0	328.1	325.5	326.2	326.9	327.3
	80	325.3	326.3	327.2	328.5	325.7	326.5	327.3	328.4	325.8	326.5	327.2	327.6
	100	325.7	326.7	327.5	328.9	326.1	326.8	327.6	328.7	326.2	326.9	327.5	327.9
	120	326.3	327.1	328.0	329.3	326.6	327.3	328.0	329.1	326.7	327.3	328.0	328.3
	140	326.9	327.7	328.5	329.8	327.2	327.8	328.5	329.6	327.3	327.9	328.5	328.8
	160	327.6	328.3	329.1	330.3	327.8	328.4	329.1	330.2	327.9	328.5	329.0	329.4
	180	328.3	329.0	329.7	330.9	328.5	329.1	329.7	330.8	328.6	329.1	329.7	330.0



Air Pressure 2.0 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	326.7	327.5	328.3	329.5	326.9	327.5	328.3	329.2	326.8	327.4	327.9	328.3
	40	326.7	327.5	328.3	329.5	326.9	327.5	328.3	329.3	326.8	327.4	327.9	328.3
	60	326.9	327.6	328.5	329.6	327.0	327.7	328.4	329.4	327.0	327.6	328.0	328.4
	80	327.1	327.8	328.7	329.9	327.2	327.9	328.6	329.6	327.2	327.8	328.3	328.6
	100	327.4	328.1	328.9	330.2	327.6	328.2	328.9	329.9	327.6	328.1	328.6	328.9
	120	327.8	328.5	329.3	330.5	328.0	328.6	329.3	330.2	328.0	328.5	328.9	329.3
	140	328.3	329.0	329.7	330.9	328.5	329.0	329.7	330.6	328.4	329.0	329.4	329.7
	160	328.8	329.5	330.2	331.4	329.0	329.5	330.2	331.1	329.0	329.5	329.9	330.2
	180	329.4	330.0	330.7	331.9	329.5	330.0	330.7	331.6	329.6	330.0	330.4	330.8



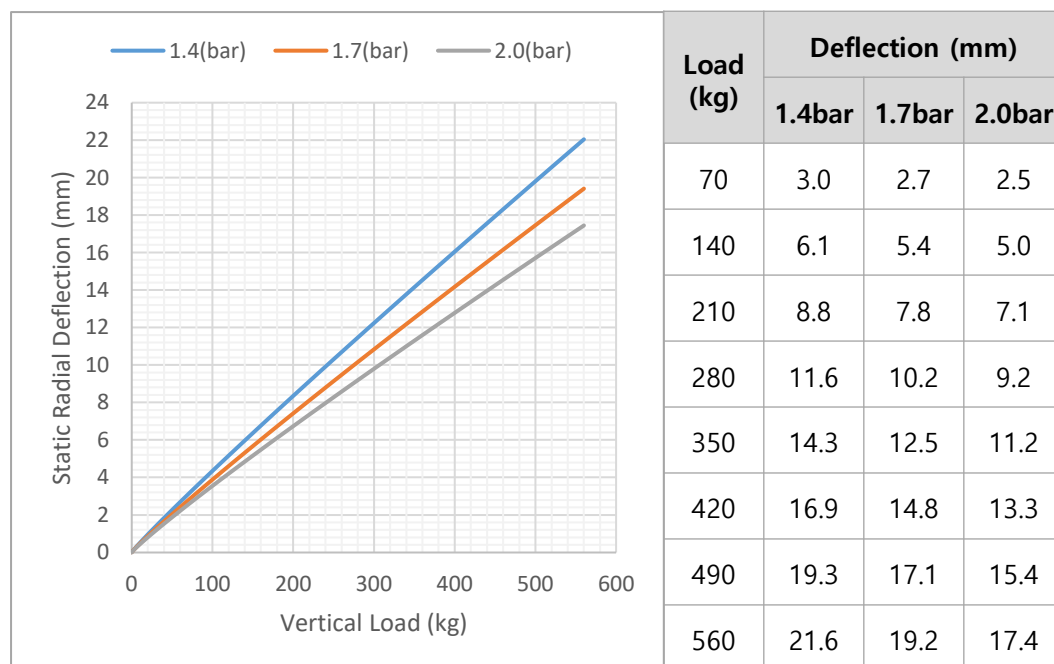
Tech data - 260/660R18 C54H



Size		Pattern	Measured		Rim Width		Overall Diameter	Section Width	Static Loaded Radius	Tread Width	Tread Depth
			Pressure	Load	Recommend	Optimum					
			[bar]	[kg]	[inch]	[inch]					
Dry	260/660R18	F200	2.0	350	9.5~10.5J	10.0J	665	275	321.3	260	3.5

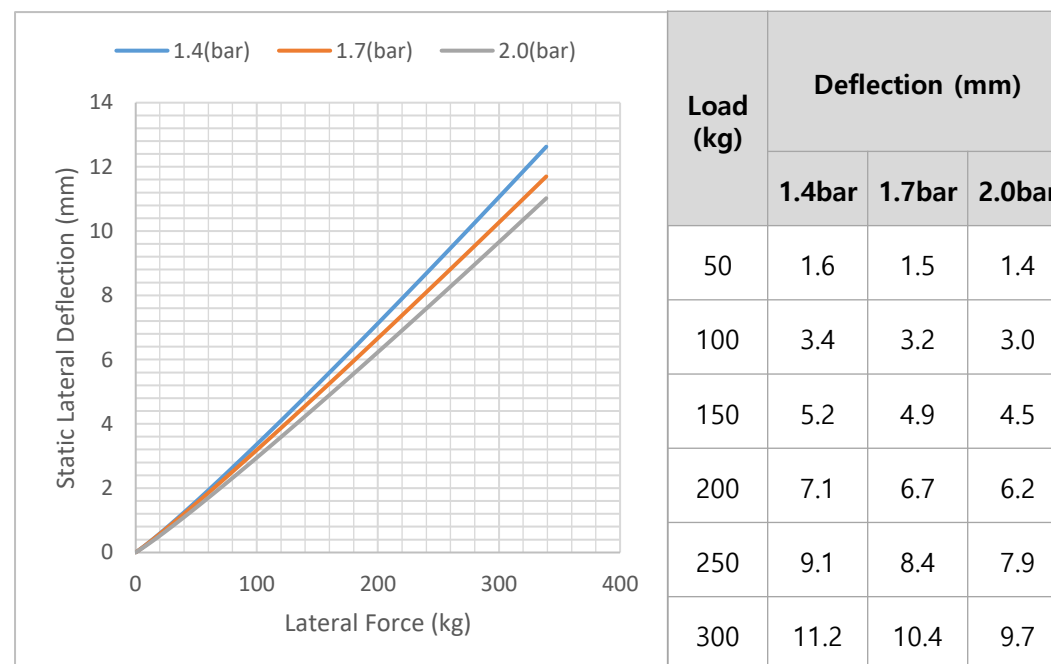
Static Radial Deflection (Vertical Stiffness) - Camber 0°

Pattern	F200
Test Rim Width	10.0 J



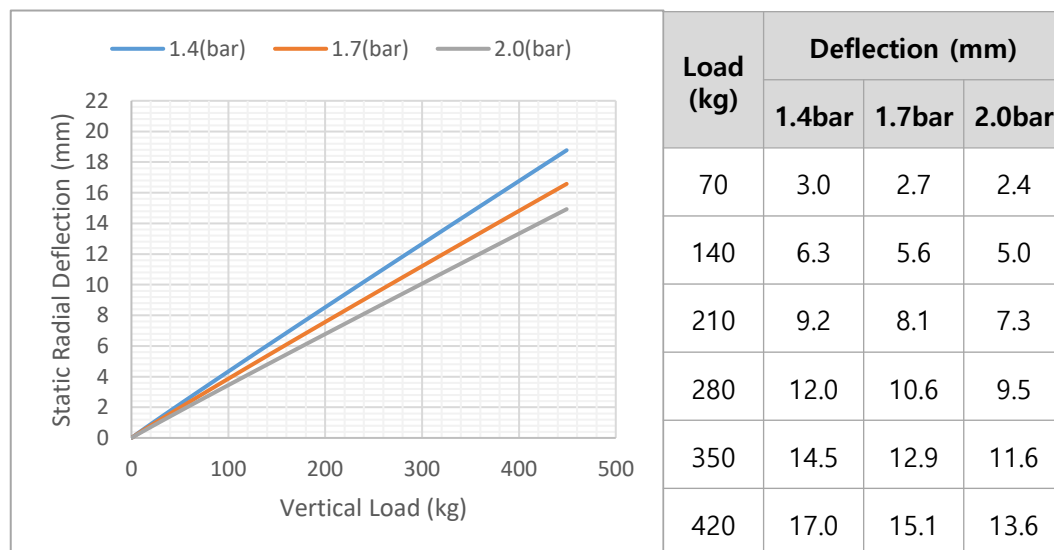
Static Radial Deflection (Lateral Stiffness) - Camber 0°

Pattern	F200
Test Rim Width	10.0 J

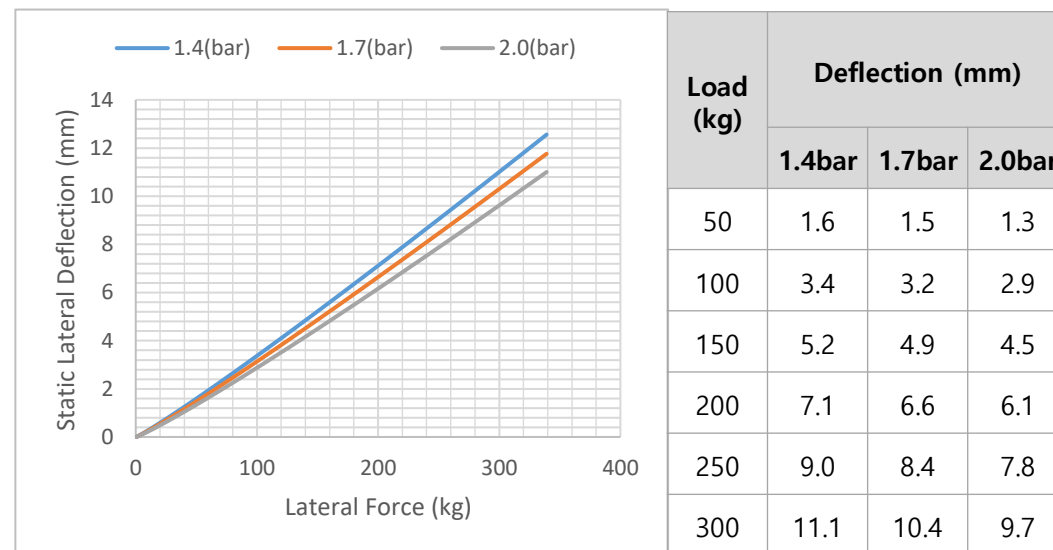


Tech data - 260/660R18 C54H

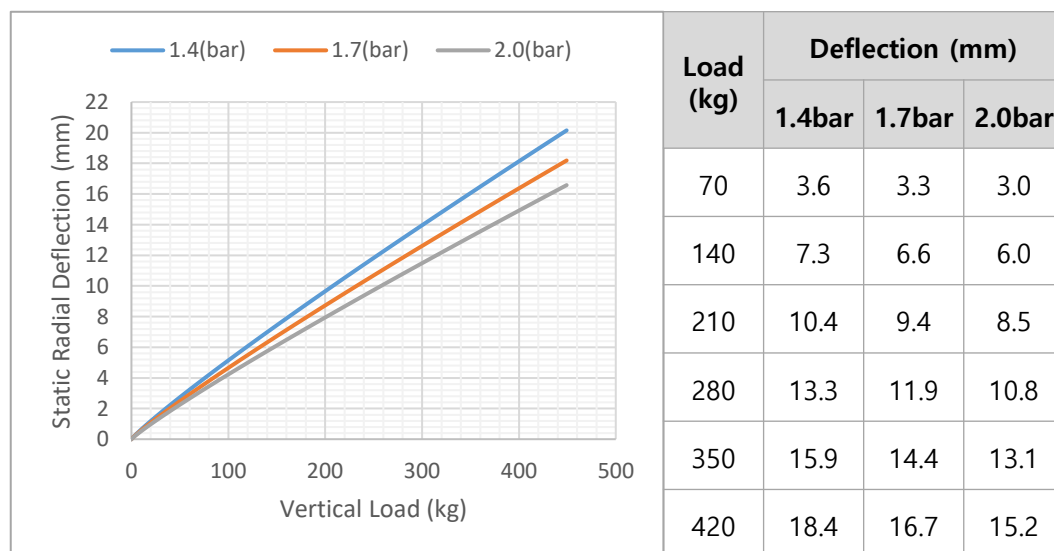
Static Radial Deflection (Vertical Stiffness) - Camber -2°



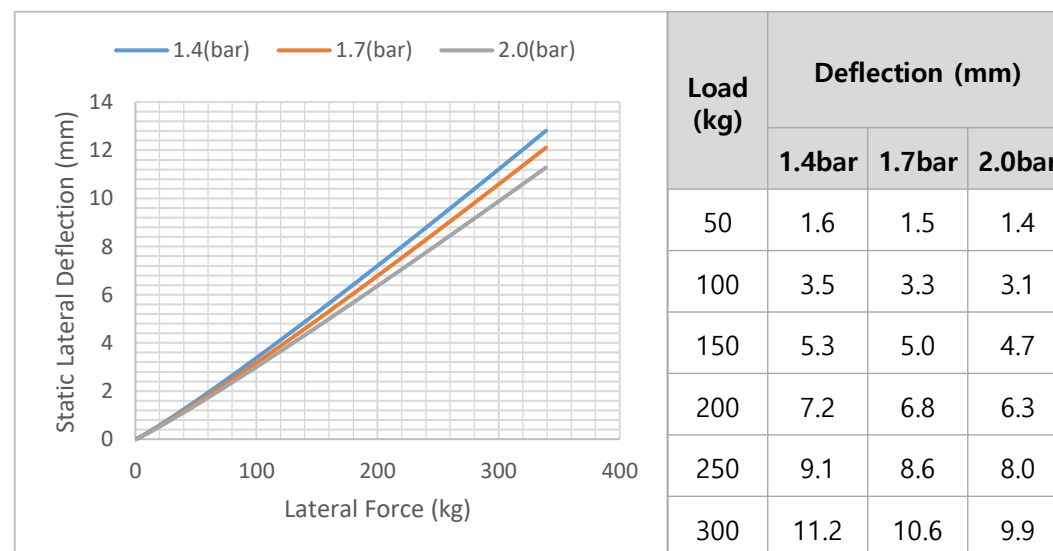
Static Radial Deflection (Lateral Stiffness) - Camber -2°



Static Radial Deflection (Vertical Stiffness) - Camber -4°



Static Radial Deflection (Lateral Stiffness) - Camber -4°



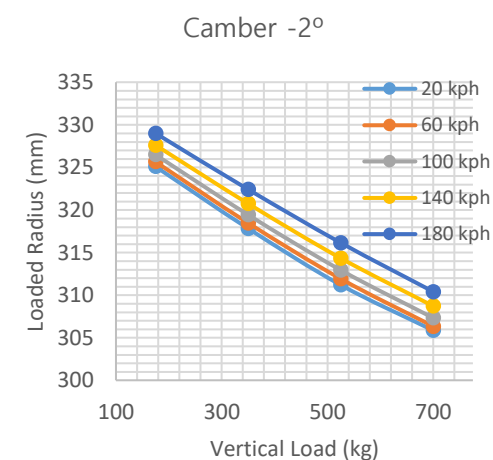
Tech data - 260/660R18 C54H



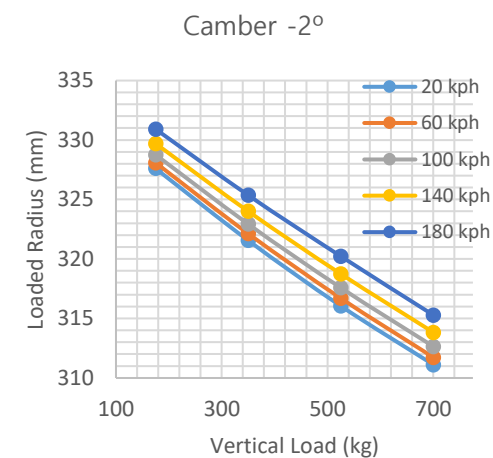
Dynamic Radial Deflection (Dynamic Loaded Radius)

Pattern	F200	Test Rim Width	10.0 J
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Air Pressure 1.5 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	305.4	310.9	317.6	324.9	305.9	311.2	317.8	325.1	306.2	311.7	318.3	326.1
	40	305.6	311.2	317.9	325.1	306.0	311.5	318.1	325.4	306.3	311.9	318.5	326.2
	60	306.0	311.6	318.3	325.4	306.3	311.9	318.5	325.7	306.6	312.3	318.8	326.5
	80	306.4	312.1	318.8	325.8	306.8	312.4	318.9	326.1	307.1	312.8	319.3	326.9
	100	307.0	312.7	319.3	326.2	307.3	313.0	319.4	326.5	307.7	313.4	319.8	327.3
	120	307.7	313.3	320.0	326.8	308.0	313.6	320.1	327.0	308.3	314.0	320.4	327.8
	140	308.4	314.1	320.7	327.4	308.7	314.4	320.8	327.6	309.1	314.8	321.1	328.4
	160	309.2	315.0	321.5	328.1	309.5	315.2	321.5	328.3	309.9	315.6	321.9	329.1
	180	310.1	315.9	322.3	328.8	310.4	316.1	322.4	329.0	310.7	316.5	322.7	329.8



Air Pressure 2.0 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	310.8	315.8	321.5	327.2	311.1	316.0	321.6	327.6	311.6	316.5	322.1	328.7
	40	311.0	316.1	321.7	327.4	311.4	316.3	321.8	327.8	311.8	316.7	322.3	328.8
	60	311.4	316.5	322.1	327.6	311.7	316.7	322.1	328.1	312.2	317.0	322.6	329.0
	80	311.8	316.9	322.4	327.9	312.1	317.1	322.5	328.4	312.6	317.4	322.9	329.3
	100	312.3	317.4	322.9	328.3	312.6	317.6	322.9	328.8	313.1	317.9	323.3	329.7
	120	312.8	318.0	323.4	328.8	313.2	318.1	323.4	329.2	313.6	318.5	323.8	330.1
	140	313.5	318.6	324.0	329.3	313.8	318.7	324.0	329.7	314.3	319.1	324.4	330.6
	160	314.1	319.4	324.6	329.9	314.5	319.4	324.6	330.3	315.0	319.7	325.1	331.2
	180	314.9	320.1	325.3	330.5	315.3	320.2	325.4	330.9	315.7	320.4	325.8	331.8



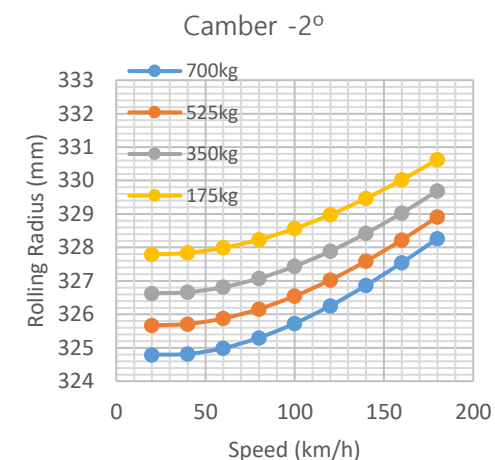
Tech data - 260/660R18 C54H



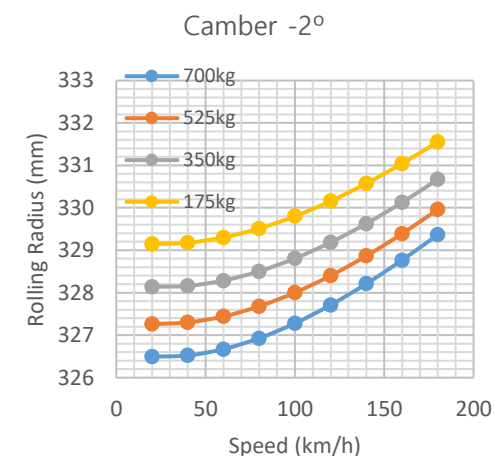
Effective Rolling Radius (Dynamic Rolling Radius)

Pattern	F200	Test Rim Width	10.0 J
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Air Pressure 1.5 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	324.3	325.4	326.5	327.9	324.8	325.7	326.6	327.8	324.9	325.7	326.5	327.3
	40	324.3	325.5	326.6	327.9	324.8	325.7	326.7	327.8	324.9	325.7	326.6	327.3
	60	324.5	325.7	326.7	328.1	325.0	325.9	326.8	328.0	325.1	325.9	326.7	327.4
	80	324.8	325.9	327.0	328.3	325.3	326.2	327.1	328.2	325.4	326.2	327.0	327.7
	100	325.3	326.4	327.4	328.7	325.7	326.5	327.4	328.6	325.8	326.6	327.4	328.0
	120	325.8	326.9	327.8	329.1	326.3	327.0	327.9	329.0	326.3	327.1	327.8	328.4
	140	326.5	327.4	328.3	329.6	326.9	327.6	328.4	329.5	326.9	327.6	328.3	328.9
	160	327.2	328.1	329.0	330.2	327.5	328.2	329.0	330.0	327.6	328.3	328.9	329.5
	180	328.0	328.8	329.6	330.8	328.3	328.9	329.7	330.6	328.3	328.9	329.6	330.1



Air Pressure 2.0 bar	Speed (kph)	Camber 0°				Camber -2°				Camber -4°			
		700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg	700kg	525kg	350kg	175kg
	20	326.4	327.2	328.1	329.4	326.5	327.3	328.1	329.1	326.5	327.2	327.8	328.5
	40	326.4	327.2	328.1	329.4	326.5	327.3	328.2	329.2	326.5	327.2	327.8	328.5
	60	326.5	327.4	328.3	329.5	326.7	327.4	328.3	329.3	326.6	327.4	328.0	328.6
	80	326.8	327.6	328.5	329.7	326.9	327.7	328.5	329.5	326.9	327.6	328.2	328.8
	100	327.1	327.9	328.8	330.0	327.3	328.0	328.8	329.8	327.3	327.9	328.5	329.1
	120	327.6	328.3	329.2	330.4	327.7	328.4	329.2	330.2	327.7	328.3	328.9	329.4
	140	328.1	328.8	329.6	330.8	328.2	328.9	329.6	330.6	328.2	328.8	329.3	329.9
	160	328.7	329.4	330.1	331.3	328.8	329.4	330.1	331.0	328.8	329.3	329.8	330.4
	180	329.3	329.9	330.7	331.9	329.4	330.0	330.7	331.6	329.4	329.9	330.4	330.9





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