

OFF-THE-ROAD TIRE ENGINEERING DATA



GOODYEAR
OFF-THE-ROAD TIRES

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NOTE: See inside back cover for a summary of footnotes.

GENERAL NOTES AND INFORMATION

AVAILABILITY

Sizes listed in this book include tires currently available on a global basis and tires previously made but no longer produced. “Current In Line Locations” are regions of the world where the tire is produced or inventoried and available for sale.

For current availability of specific sizes and types of tires contact your Goodyear Representative.

Construction All tires are reinforced with nylon cords, except Unisteel Radial Ply tires, which are reinforced with steel cords.

Dimensional Data Dimensions of tires are for tires on design rims. Dimensions on other rims are the same except for tire widths. Change tire widths .2” (5.08mm) for each 1/2” (12.7mm) change in rim width.

Inflation Pressure The inflation pressures shown in this data book are those taken with the tires at approximately the prevailing atmospheric temperatures and do not include any build-up due to vehicle operation.

RIMS

Selection of Rims For information on rim selection see Page 92.

Strength and Application of Rims Contact your rim supplier regarding information on rim strength and application.

Rim & Wheel Restrictions For information on rim & wheel restrictions consult rim manufacturer.

Shipping Pressures Recommended shipping pressures are the maximum inflation pressure for the tire size and ply rating shown on tables.

Suffix Letters For information on suffix letters see Page V.

Tire Codes Industry Tire Type Codes, as approved by the Tire and Rim Association, are shown whenever such codes are assigned to specific tires. (This code is used as industry comparison reference of Off-The-Road Tires regardless of the manufacturers’ design name See Page V).

Tire Selection For information on tire selection see Pages II, III, IV.

Valves Consult your Valve Supplier for valve information. Also see Pages 85-91.

SELECTION OF TIRES AND RIMS FOR OFF-THE-ROAD VEHICLES AND DEFINITIONS OF TERMS

(Continued)

DEFINITION OF TERMS FOR OFF-THE-ROAD TIRES

GROSS TIRE LOAD - Gross Tire Loads are based on the highest individual wheel load determined by the distribution of the Gross Vehicle Weight (GVW), including weight transfer. The maximum GVW shall include, but not be limited to, the following:

1) Net Weight - Actual weight of the vehicle with standard equipment including the maximum capacity of engine fuel, oil, coolant and operator.

2) Accessory Weight - The combined weight of all optional items installed on the equipment not previously considered in Net Weight. These include such items as air conditioners, special cabs, body liners, side boards, special reinforcements, etc.

3) Payload - The total weight of the material being carried.

4) Tire Ballast - If used, must be included in determination of GVW.

SERVICE CONDITIONS - **1) Earthmover (Haulage)** - A haulage cycle where equipment self-loads or receives a load from loading equipment, then transports this load to another location and returns unloaded. Transportation usually occurs over unimproved surfaces at medium speeds, up to 40 mph (64 kph), and short distances, up to 2.5 miles (4 Km), one way. Equipment in this category is mainly haulage trucks and scrapers.

2) Loader - This is a work cycle where the equipment is used to pick up material and relocate a short distance away. Tire loads fluctuate depending on the conditions involved when the equipment picks up the load. Transportation speeds are low, up to 5 mph (10 kph), and distances are short, a maximum of 250 feet (76m), one way.

3) Load and Carry - A work cycle where equipment primarily intended for loader service picks up a load and transports this load to another location and returns unloaded. Transportation usually occurs over unimproved surfaces at low speeds, up to 15 mph (24 kph), and rather short distances, up to 2,000 feet (610m). Equipment in this category consists mainly of loaders, log stackers and material handling equipment.

4) Dozer - A working condition where equipment is used to move materials (usually earth) by pushing, dragging or grading. Tire loads are relatively constant and speeds are low, up to 5 mph (10 kph). Travel distances vary depending on work situations.

5) Grader - This is working condition where equipment is used in construction and road maintenance. Tire loads are relatively constant during the work cycle. Equipment speeds are slow during working periods with maximum transportation speeds reaching 25 mph (40 kph). Travel distances vary depending on work situations.

6) Creep - Is movement of equipment at a very slow speed (not over 200 feet (61m) in 30 minutes). During creep motion, loads on the tires are very high and consideration must be given to the type of surface over which the equipment is traveling.

7) Drive-Away - Is a term used to define movement of a vehicle from one location to another under non-working conditions. This movement occurs during transportation of equipment from site to site. **Load/Speed/Distance tables for off-road service are not applicable to drive-away conditions.** A separate set of load tables is supplied in this book for drive-away conditions.

8) Smooth Floors and Runways - are defined as paved or protected operating surfaces which are free of undulations, obstructions or discontinuities.

9) Maximum Speed - The peak speed attained by the vehicle during any part of a cycle (loaded or unloaded).

SELECTION OF TIRES AND RIMS FOR OFF-THE-ROAD VEHICLES AND DEFINITIONS OF TERMS

- TIRE TYPE NOMENCLATURE** - **1) Conventional** - The cross-section shape of the tire has an aspect ratio (ratio of section height to section width) in the range of .95. Conventional tires are also referred to as narrow base tires.
- 2) Wide Base** - The cross-section shape of this tire has an aspect ratio in the range of .83.
- 3) “65 Series”** - This is a low profile tire with the aspect ratio in the range of .65.

RIM SELECTION

IMPORTANT - Rim dimensions are standardized by the Tire and Rim Association for size and contour only, and particular tire and rim combinations designated to assure proper mounting and fit of the tire to the rim. The load and cold inflation pressure imposed on the rim and wheel must not exceed the rim and wheel manufacturers recommendations even though the tire may be approved for a higher load or inflation. Rims and wheels may be identified (stamped) with a maximum load and maximum cold inflation rating. For rims and wheels not so identified or for service conditions exceeding the rated capacities, consult the rim and wheel manufacturer to determine rim and wheel capacities for the intended service.

LOADS/INFLATIONS

NOTE: English loads and inflations are TRA (USA) standards. Metric loads are ETRTO norms except where a size or ply rating is not covered by ETRTO. In these cases, TRA (USA) SI standards are used. Metric inflations are Goodyear recommendations. English and metric loads are not directly convertible.

Rated loads are based on cyclic operations.

INDUSTRY CODE IDENTIFICATION

INDUSTRY CODE IDENTIFICATION FOR OFF-THE-ROAD TIRES

SERVICE
C – COMPACTOR SERVICE
E – EARTHMOVER SERVICE
G – GRADER SERVICE
L – LOADER & DOZER SERVICE

EARTHMOVER SERVICE

Code	Tread Type	Percent Tread Depth
E-1	Rib	100
E-2	Traction	100
E-3	Rock	100
E-4	Rock deep tread	150
E-7	Flotation	80

GRADER SERVICE

Code	Tread Type	Percent Tread Depth
G-1	Rib	100
G-2	Traction	100
G-3	Rock	100
G-4	Rock deep tread	150

LOADER & DOZER SERVICE

Code	Tread Type	Percent Tread Depth
L-2	Traction	100
L-3	Rock	100
L-4	Rock deep tread	150
L-5	Rock extra deep tread	250
L-3S	Smooth	100
L-4S	Smooth deep tread	150
L-5S	Smooth extra deep tread	250

COMPACTOR SERVICE

Code	Tread Type	Percent Tread Depth
C-1	Smooth	100
C-2	Grooved	100

SUFFIX LETTERS USED BY THE TIRE AND RIM ASSOCIATION IN TIRE SIZE DESIGNATIONS AND THEIR DEFINITIONS

Suffix letters are included, when necessary, as part of Tire Size Designations to differentiate between tires designed for service conditions which may require different loads and inflations and/or tires designed for and must be used on different types of rims.

- NHS** Not for highway service.
- TG** Tractor-Grader tires - Not for highway service.
- ML** Mining and Logging Tires used in Intermittent Highway Service.
- DT** Tires primarily designed for use in sand service.
- K** Compactor tire for use on drop center or semi-drop center rims.

THE ECONOMICS OF OFF-THE-ROAD TIRE APPLICATIONS

INTRODUCTION

Many off-the-road trucks can be fitted with different size tires, different strength ratings, and different tread depths.

While it is normal practice to apply 100 level, E3 tires, initial fitment of a larger, deeper tread tire can often result in substantially reduced operating costs. The most economical time to determine tire requirements is “prior” to vehicle purchase. In this way, the most appropriate tire size, tread depth, and ply rating can be specified. This can prevent expensive field modifications, such as wheel/rim changes, should larger tires ultimately be required. FOR EXAMPLE...

100 LEVEL E3 vs 150 LEVEL E4

24.00-35 36 ply rated tires are applied to many 50 and 55 ton end dumps. Per Tire & Rim Association (TRA) standards, the design tread depth of the 24.00-35 E3 tire is 1.50 inches, and the E4 is 2.25 inches. Assuming that an E4 tire costs roughly 15% more than an E3, it is obvious that for this relatively small, additional investment (i.e. 15%), a 50% increase in tread depth can be obtained.

Thus, unless unusually high heat generation is anticipated, the additional cost of the E4 tire will be more than offset by its substantially higher potential hours of service. This, of course, represents real savings to you, the consumer.

LARGER SIZE TIRES

In many instances, an 85 ton end dump is purchased on 24.00-49/24.00R49 tires. Usually, it is possible to fit 27.00-49/27.00R49 tires. While the 27.00-49 generally costs 15-20% more than the 24.00-49, actual field performance has indicated as much as 73% improvement in operating hours when the larger tire was fitted.

Similarly, although most 50 ton end dumps are equipped with 21.00-35/21.00R35 tires, fitment of the larger 24.00-35/24.00R35 tires can often increase all-in hours. For example, an actual field test with the larger size tire has shown a 30% improvement.

From the above, it is once again obvious that with a relatively small additional investment (for larger tires), substantially lower operating costs can be realized in the field.

RADIAL vs BIAS TIRES

Historically, bias tires have been applied to most new haulage trucks. These tires usually provide good service in a multitude of different working environments.

In many instances, however, lower costs per hour of operation can be realized through utilization of radial tires.

Consider, for example, the following advantages of radial ply tires:

1. Longer tread wear for reduced operating costs.
2. Cooler running for higher speeds, increased fleet output.
3. Excellent traction.
4. Improved penetration resistance for reduced down time.
5. High flotation for superior mobility.
6. Improved vehicle cushioning, resulting in lower maintenance costs.
7. Superior operating economy through a 5-8% reduction in fuel consumption.

THE MATTER OF OVERLOADS

The Tire & Rim Association (TRA) recognizes that overloads are very often encountered in off-the-road operations. These overloads are usually the result of:

- Field modifications to the vehicles; such as addition of bed liners, sideboards, additional rollover protection, etc.
- Actual vehicle weights exceeding spec weights.
- Accumulation of mud and other debris on the underside of the vehicle.
- Load distribution due to loading methods.
- Variation in density of material, etc.

in response to this situation, TRA has approved overloads up to 15% on bias tires and 7% on radials... with a commensurate increase in inflation pressure.

To compensate for these overloads, higher ply rating tires, or even larger size tires are often recommended. These stronger tires will usually improve carcass durability and reduce down time due to cuts and impacts. Additionally, the number of casings suitable for retreading will normally be greater.

ADDITIONAL COMMENTS

The standard, 100 level, E3, bias tire represents compromise between good heat resistance and adequate tread wear. In some instances, it is the “right” tire for a job. However, in many other situations, improved operating costs can be achieved by utilizing a tire which may cost a little more, but can provide so much more in the way of performance.

Before you purchase an off-road vehicle, let a Goodyear professional analyze your expected operating conditions. Goodyear off-the-road tire marketing, engineering, and field personnel are all at your service in selecting the most appropriate and economical tires for your application.

NOTE: Performance improvements shown above are documented at specific job sites. Your results may vary, depending on your operating conditions.

The TMPH Formula:

Multiply the average tire load times the average speed per hour to determine the Ton-Mile-Per-Hour Rating.

TMPH Job Rate

Average Tire Load x Average Speed for the shift

Average Tire Load

$$\frac{\text{"Empty" tire load in tons} + \text{"loaded" tire load in tons}}{2}$$

Average Speed

$$\frac{\text{Round trip distance in miles} \times \text{number of trips}}{\text{Total Hours (in the shift)}}$$

COMPOUND AND CONSTRUCTION COMBINATIONS

Compound Description	Compound Code
Heat Resistant (HR)	2
Standard Abrasion Resistant (AR)	4
Ultra Abrasion Resistant (UAR)	6

Construction Description	Construction Code
Standard	S
Heavy Duty	H
Heavy High Speed	HR
Extra Heavy Duty	HW
Steel Breakers	J
Heavy Undertread	U

SAMPLE TMPH CALCULATION:

Conditions:

- Empty vehicle tire load = 20,000 pounds (10.0 tons)
- Loaded vehicle tire load = 34,000 pounds (17.0 tons)
- *• Number of Hours Worked = 8.0 hours
- The shift hauls 15 loads.
- Each haul is 9.0 miles, round trip.

CALCULATION:

$$\text{Average Tire Load} = \frac{10 \text{ Tons} + 17 \text{ Tons}}{2}$$

$$\text{Average Tire Load} = \frac{27 \text{ Tons}}{2} = 13.5 \text{ Tons}$$

$$\text{Average Shift Speed} = \frac{9 \text{ Miles Per Trip} \times 15 \text{ Trips Per Shift}}{8.0 \text{ Hours Worked Per Shift}}$$

$$\text{Average Shift Speed} = \frac{135 \text{ Miles}}{8.0} = 16.9 \text{ MPH}$$

$$\text{JOB TMPH: } 13.5 \text{ Tons} \times 16.9 \text{ MPH} = 228 \text{ TMPH}$$

CONCLUSION:

To avoid heat problems tires must have a TMPH rating of 228 or higher.

If the tires on the machine are rated less than 228:

- Reduce speed
- Reduce load
- Change to tires with a higher TMPH rating

NOTE: Each tire position on the machine must be calculated and considered. Position with highest average tire load should be used.

***NOTE:** Mines using computer dispatch system must use average hourly speed rather than average shift speed.

TON-MILE-PER-HOUR-FORMULA

CALCULATE EARTHMOVER TIRE HEAT LIMITS—FOR EVERY JOB—AVOID PREMATURE REMOVALS

TON-MILES-PER-HOUR SUMMARY

The Ton-Miles-Per-Hour formula (average tire load multiplied by average tire speed), is designed to help you achieve optimum performance from Goodyear earthmover tires. It helps you calculate the load-speed-time factor that's within safe tire temperature limits. Use the TMPH formula to avoid premature tire removal due to excessive heat.

All Goodyear earthmover tires have been assigned a TMPH limit. Earthmover haul jobs operate at various TMPH rates, depending on the load, distance and time involved in round trips. Thus, **each job's** haul rate must be determined to compare it with **each tire's** TMPH rate limit.

Obviously, there must be a limit both in load and in haul distance, whereby the TMPH formula would no longer apply. Our tests have shown that vehicles – with tires loaded at 20% above their rated capacity or used on hauls of more than 20 miles – cannot qualify for TMPH calculations.

For haul lengths in excess of 20 miles one way, consult your Goodyear Representative.

TKPH (METRIC) = Average Load (Metric Tons) x Average Speed (Km/h)

WORK CAPABILITY FACTOR

LOAD AND CARRY DOZER AND LOADERS

THE WCF FORMULA

Multiply the average tire load* times the Max. Average Speed Per Hour to determine the Work Capability Factor Rating.**

*Average Tire Load = (empty tire load in tons + loaded tire load in tons) ÷ 2

**Maximum Average Speed = round trip distance in miles x maximum number of cycles per hour of continuous "Load & Carry" operation.

Goodyear Dozer and Loader tires are designed for use in "Dig and Load" service and selected on a Tire & Rim Association 5 MPH (10 KPH) maximum speed basis. Tire heat build-up in this type of operation is not a factor.

With the advent of new earthmover operational techniques, loaders are increasingly being used as transport vehicles. When a loader is used to haul material distances greater than 50 feet (15 meters), the operation is classified as "Load and Carry." Since this type of service will involve speeds above 5 MPH (10 KPH) for considerable distances, tire heat build-up must be taken into consideration to insure optimum tire performance.

As with all earthmover tires used in transport service, tire heat build-up is a function of the amount of work the tire is doing.

HEAT IS A TIRE'S WORST ENEMY – the increased thickness and higher load carrying requirements of Dozer and Loader tires necessitates the use of a tire limitation system – the WORK CAPABILITY FACTOR SYSTEM.

The Work Capability Factor rating system provides the guide lines to select the correct Goodyear tire for the job requirement. Years of controlled testing and field studies have culminated in a valid and practical means of establishing capabilities of Dozer and loader tires when used in "Load and Carry" Service.

The factors of Load and Speed have long been used for evaluating the limitations of transport tires. For tires used in transport service on loaders, additional factors such as more stops, starts and turning must be considered. These additional operational factors produce higher stresses on the tire components, resulting in increased tire heat build-up.

The formula is figured by multiplying the AVERAGE ton load PER TIRE and the MAXIMUM AVERAGE speed of the machine PER HOUR.

Here's an example: First, determine the AVERAGE TIRE LOAD for each tire by adding the empty tire load to the loaded tire load, and dividing by 2.

NOTE: Average front tire loads are always greater for front end loaders than average rear tire loads. Use the highest front tire average load for the WCF calculation. Equipment specifications, or better yet, actual weights may be used.

$$\frac{12.9 \text{ tons empty} + 21.7 \text{ tons loaded}}{2} = 17.3 \text{ Tons Avg. Load}$$

$$\frac{11.7 \text{ metric tons empty} + 19.6 \text{ metric tons loaded}}{2} = 15.7 \text{ Metric Tons Avg. Load}$$

VIII

Then, determine the MAXIMUM AVERAGE machine speed: To find this figure, compute the round trip distance in miles, and multiply that number by the maximum number of cycles per hour of CONTINUOUS "Load and Carry" operations. Short periods of vehicle downtime should not be included in the average speed calculation due to the relatively slow static cooling rate of D & L tires.

$$400 \text{ feet one way} = 800 \text{ feet round trip} = .152 \text{ Miles per cycle}$$

$$.152 \frac{\text{Miles}}{\text{Cycle}} \times 24 \frac{\text{Cycles}}{\text{Hour}} = 3.6 \text{ MPH (Max. Avg.)}$$

$$125 \text{ meters one way} = 250 \text{ meters round trip} = .25 \text{ KM/Cycle}$$

$$.25 \frac{\text{Kilometers}}{\text{Cycle}} \times 24 \frac{\text{Cycles}}{\text{Hour}} = 6 \text{ KPH (Max. Avg.)}$$

Now you have both the Average Tire Load for this job and the Maximum Average machine speed.

WORK CAPABILITY FACTOR

LOAD AND CARRY DOZER AND LOADERS

To find the Work Capability Factor rating required for this job, multiply these two numbers:

$$22.5 \text{ tons} \times 5.32 \text{ mph} = 119.7 \text{ WCF}$$

$$(21 \text{ metric tons} \times 8.75 \text{ Kph} = 183.75 \text{ metric WCF})$$

To find the right tire for the job consult the published Work Capability Factors for haul lengths of less than 2000 feet (610 meters) one way that have been established for each size and type of Goodyear Dozer and Loader tire, and select the tire whose WCF rate meets or exceeds the Job WCF requirement. If you have a multiple choice of tires whose WCF rate is more than the job requires, always select the tire with the lowest rate which will meet the requirement. In this way you will have the optimum tire – that is, the best tire for wear and durability, as well as being adequate for heat resistance.

The Work Capability Factor requirement figure may be pre-determined for any “Load and Carry” job involving Dozer and Loader tires by using this formula. If the job requires a higher WCF rating than that of the tires you are now using, you should either (a) replace the tires with higher rated types, or (b) reduce either speed or load factors to bring the WCF rating within acceptable limits for the tires.

Obviously there must be a limit both in load and in haul distance, whereby the WCF formula would no longer apply. Vehicles with tires loaded at 15% above their rated capacity or used on hauls of more than 2,000 feet (610 meters) one way – cannot qualify for WCF calculations.

For haul lengths in excess of 2,000 feet (610 meters) one way, consult Goodyear Development Department, Akron, Ohio.

The WCF formula helps you select the right Dozer and Loader tires for the job – before you buy. It's another customer service at Goodyear, producers of the industry's Work Capability Factor rated Dozer and Loader tires.

Example of WCF Application – for established job site planning a “Load & Carry” operation

1. Conditions:

$$\begin{aligned} \text{Front Tire Loads – Empty} &= 25,800\# \\ \text{Loaded} &= 43,400\# \quad \text{AVG.} = 17.3 \text{ tons} \\ \text{One Way Haul Length} &= 400 \text{ feet} \end{aligned}$$

2. Tire on Loader: 35/65R33 (L-5) WCF = 80

3. Determination of Maximum Allowable Average Speed:

$$\frac{80 \text{ WCF}}{17.3 \text{ tons}} = 4.6 \text{ MPH}$$

4. Determination of Maximum Number of Cycles per Hour:

$$4.6 \text{ MPH} = \frac{\text{Cycles}}{\text{Hour}} \times 800 \frac{\text{Feet}}{\text{Cycle}} \times 1 \frac{\text{Mile}}{5280 \text{ feet}}$$

$$\frac{\text{Cycles}}{\text{Hour}} = \frac{4.6 \text{ MPH} \times 5280 \text{ Feet/Mi.}}{800 \text{ feet/cycle}} = 30 \text{ Cycles/Hour Maximum}$$

Example of WCF Application (metric).

1. Conditions:

$$\begin{aligned} \text{Front tire Loads –} & \\ \text{Empty} &= 11,700 \text{ Kilograms} \\ \text{Loaded} &= 19,600 \text{ Kilograms} \quad \text{AVG.} = 15.7 \text{ metric tons} \\ \text{One Way Haul Length} &= 125 \text{ meters} \end{aligned}$$

2. Tire on Loader: 35/65R33 (L-5) WCF = 116 metric

3. Determination of Maximum Allowable Average Speed:

$$\frac{116 \text{ metric WCF}}{15.7 \text{ metric tons}} = 7.4 \text{ KPH}$$

4. Determination of Maximum Number of Cycles per Hour:

$$7.4 \text{ K MKH} = \frac{\text{Cycles}}{\text{Hours}} \times 250 \frac{\text{Meters}}{\text{Cycle}} \times 1 \frac{\text{Kilometer}}{1000 \text{ Meters}}$$

$$\frac{\text{Cycles}}{\text{Hour}} = \frac{7.4 \text{ Km/Hour} \times 1000 \text{ M/Km}}{250 \text{ M/Cycle}} = 30 \text{ Cycles/Hour Maximum}$$

MIXING OF BIAS AND RADIAL TIRES ON A VEHICLE

SAME AXLE on any vehicle - Bias and radial tires must not be mixed on the same axle of any vehicle (drive, steer or trail).

Haul Trucks - When mixing tire constructions, radial tires should be used only on the front/steer axle and bias tires should be used only on the rear/drive axle.

Loaders, Container Handlers, Reach Stackers, Forklifts - Bias tires can be used on one axle and radials on the other axle.

Graders - Bias or radial tires can be used on the front axle. Bias or radial tires can be used on the rear axles.
NOTE: The tandem axles must have tires of the same construction - all radial tires or all bias tires.

Articulated Dump Truck (ADT) - Do not mix bias and radial tires on an ADT. Use only radial tires.

Scrapers - Mixing of bias and radial tires is not recommended. Use only bias tires or only radial tires.

Mobile Cranes - Due to differences in cornering force characteristics and spring rates, the best tire and vehicle performance will be obtained by applying tires of the same size and construction (radial ply or bias ply) to all vehicle wheel positions. However, different tire constructions are permitted on the steer, drive, and trailer axles of two-axle, tandem, and multiple-axle combinations when the following rules are observed.

- Never mix different tire sizes or tire constructions on the same axle.
- If radials are mixed with bias tires, the best handling will be obtained with the bias tires on the steer axle.
- Bias or radial tires may be used on either axle of two-axle vehicles, providing the vehicle has dual rear wheels or is equipped with Super Single wide-base tires.
- Either bias or radial tires may be used on the steering axle of vehicles with three or more axles. Either all bias or all radial tire should be used on the nonsteering axles.
- Never mix bias and radial tires in a tandem or multiple axle combination.

Always check with the vehicle manufacturer before changing tire size or tire construction on any vehicle. Carefully evaluate performance changes caused by tire size or tire construction changes before putting the vehicle back into service.

Other vehicle types – Contact the vehicle and tire manufacturer for tire mixing options.

NOTE: Ton Mile Per Hour (TMPH) and Work Capability Factor (WCF) must be considered for proper fitment to all positions.

COMPARATIVE SIZE CHART

Conventional		Wide Base		65 Series	
English	Metric	English	Metric	English	Metric
13.00	330	15.5	395	*	*
14.00	395	17.5	445	22	550
16.00	445	20.5	525	25	650
18.00	455	23.5	605	25	750
21.00	*	26.5	*	30	775
24.00	*	29.5	*	35	875
*	*	33.25	*	40	*
27.00	*	33.5	*	40	*
*	*	37.25	*	*	*
30.00	*	37.5	*	45	1150
*	*	41.25	*	*	*
33.00	*	41.5	*	*	*
36.00	*	45.5	*	50	1270
40.00	*	49.5	*	*	*

Notes:

(1) * = Not available

(2) Tire widths only are listed for comparison

STAR RATING/PLY RATING EQUIVALENTS

Service	Tyre Size	Star Rating	Corresponding Ply Rating Eq.	Service	Tyre Size	Star Rating	Corresponding Ply Rating Eq.
Grader	13.00R24	*	Up To 14	Earthmover	30/65R25	**	Up To 34
	14.00R24	*	Up To 16		29.5R29	**	Up To 38
	16.00R24	*	Up To 18		33.25R29	**	Up To 46
			33.25R35		**	Up To 46	
Earthmover	12.00R24	***	Up To 30	37.25R35	**	Up To 48	
	13.00R24	**	Up To 26	37.5R39	**	Up To 48	
	14.00R24	***	Up To 32	40.5/75R39	**	Up To 54	
	16.00R25	**	Up To 32	Loaders	14.00R24	*	Up To 18
	18.00R25	**	Up To 36			***	Up To 28
	18.00R33	**	Up To 38		15.5R25	*	Up To 14
	21.00R33	**	Up To 44		17.5R25	*	Up To 16
	21.00R35	**	Up To 44			**	Up To 22
	24.00R35	**	Up To 48		20.5R25	*	Up To 20
	24.00R49	**	Up To 48		22/65R25	*	Up To 24
	27.00R49	**	Up To 54		23.5R25	*	Up To 24
	30.00R51	**	Up To 60		25/65R25	*	Up To 22
	33.00R51	**	Up To 66		26.5R25	*	Up To 26
	36.00R51	**	Up To 70		29.5R25	*	Up To 28
	37.00R57	**	Up To 78		29.5R29	*	Up To 30
40.00R57	**	Up To 80	30/65R25		*	Up To 26	
17.5R25	*	Up To 16	35/65R33		*	Up To 30	
	**	Up To 24			**	Up To 42	
20.5R25	*	Up To 16	33.25R35	*	Up To 32		
	**	Up To 28	37.25R35	*	Up To 36		
25/65R25	**	Up To 32	37.5R39	*	Up To 36		
23.5R25	*	Up To 20	45/65R45	*	Up To 46		
	**	Up To 30		**	Up To 58		
26.5R25	*	Up To 24					
	**	Up To 34					
29.5R25	*	Up To 26					
	**	Up To 38					

TIRE NOMENCLATURE

BY ALPHA NUMERIC NAMES, PREVIOUS NAMES AND INDUSTRY CODE

HAULAGE TIRES FOR TRUCKS AND SCRAPERS

ALPHA NUMERIC NAMES	PREVIOUS NAMES	INDUSTRY CODE
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BIAS CONSTRUCTION – CONVENTIONAL SIZES

HRR-1A	Hard Rock Rib	E-1
XDR-1A	Extra Duty Rib	E-1
SGL-2A	Earthmover Sure Grip	E-2
HRL-3A	Hard Rock Lug	E-3
HRL-3B	Hard Rock Lug 8	E-3
HRL-3C	Hard Rock Lug 8R	E-3
WRL-3A	Hard Rock Lug Xtra Wall	E-3
HRL-4A	Hard Rock Lug XT	E-4
HRL-4B	Hard Rock Lug XT-8	E-4
MRL-4B, F	Hard Rock Lug XT-8M	E-4
EAW-7A	Earthmover All Weather	E-7
SHY-7A	Semi Highway 5 Rib	E-7

BIAS CONSTRUCTION-WIDE BASE SIZES

SGL-2A	Sure Grip Lug	E-2
HRL-3A	Super Hard Rock Lug	E-3
HRL-3B	Super Hard Rock Lug 8	E-3
HRL-3F		E-3
EAW-7A	Earthmover All Weather	E-7

OTHER TIRES CONVENTIONAL SIZES

SMC-1A	Smooth Compactor	C-1
RTS-1A	Rib Tow Service	
MC-1A	Mobile Crane Service	

DOZER/LOADER TIRES FOR WORK MACHINES

ALPHA NUMERIC NAMES	PREVIOUS NAMES	INDUSTRY CODE
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BIAS CONSTRUCTION-WIDE BASE SIZES

SGL D/L-2A	Sure Grip Loader	L-2/G-2
SGL D/L-2A	Sure Grip Lug DL	L-2
ELV-3A		L-3
HRL D/L-3A	Super Hard Rock Loader	L-3/G-3
HRL D/L-3A	Super Hard Rock Lug DL	L-3
HRL D/L-3B	Super Hard Rock Lug 8 DL	L-3
HRL D/L-3C		L-3
HRL D/L-4A	Super Hard Rock Lug XT DL	L-4
HRL D/L-4G		L-4
HRL D/L-4/15C		L-4
HRL D/L-5A	Super Xtra Tread DL	L-5/G-5
HRL D/L-5A	Super Xtra Tread DL	L-5
HRL D/L-5B	Super Xtra Tread II DL	L-5

BIAS BELTED CONSTRUCTION-65 ASPECT RATIO SIZES

NRL D/L-4A	NYLOSTEEL Xtra Tread DL	L-4
NRL D/L-5A	NYLOSTEEL Super Xtra Tread DL	L-5

RADIAL CONSTRUCTION-WIDE BASE SIZES

AT-2A		L-2
GP-2B		L,E,G/2,3
GP-3D		L,E,G/2,3
RL-2+		L,E,G-3T+
TL-3A+		L,E,G-3T+
RL-2F		L-2
RL-3		L-3
RL-3F		L-3
RL-3J		L-3
RT-3A		E-3
TL-3A+		L,E-3+
SM-3A		L-3S
RT-3B		L,E-3
GP-4B		L-4
GP-4C		L-4
GP-4D		L-4
RL-5C,E,F		L-5
RL-4K		L-4
RL-5K		L-5
RL-5S		L-5
SM-5A		L-5S
RT-5C		L-5

RADIAL TIRES FOR HAULAGE MACHINES

ALPHA NUMERIC NAMES	INDUSTRY CODE
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RADIAL CONSTRUCTION-CONVENTIONAL SIZES

AT-2A	E-2
GP-2B	L,E,G/2,3
RL-2F	E-2
EV-3+	
EV-2B	
RL-3+	E-3
RL-3A	E-3
RL-3J	E-3
RT-3A	E-3
EV-4A	
EV-4K	
EV-4M	
EV-4S	
RL-4	E-4
RL-4A	E-4
RL-4B	E-4
RL-4F	E-4
RL-4H	E-4
RL-4HII	E-4
RL-4J	E-4
RL-4JII	E-4
RL-4L	E-4
RL-4M+	E-4
RT-4A	E-4
RT-4A+	E-4+
SM-5A	E-5S

RADIAL CONSTRUCTION-WIDE BASE SIZES

GP-2B	L,E,G/2,3
GP-3D	L,E,G/2,3
RL-2F	E-2
RL-2+	E-3+
RL-3	E-3
RL-3F	E-3
RL-3J	E-3
RT-3B	L,E,G-3
TL-3A+	L,E,G-3+T
GP-4B	L,E,G/4
GP-4B AT	L,E,G/4
GP-4D	L,E,G/4

XII

TIRE NOMENCLATURE

BY ALPHA NUMERIC NAMES, PREVIOUS NAMES AND INDUSTRY CODE

GRADER TIRES

ALPHA NUMERIC NAMES	PREVIOUS NAMES	INDUSTRY CODE
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BIAS CONSTRUCTION – CONVENTIONAL SIZES

RBG-1A	Rib Grader	G-1
ASG-2A	All Service Grader	G-2
SGG-2A	Sure Grip Grader	G-2
SGL D/L-2A	Sure Grip Lug Grader	L-2/G-2
HRL D/L-3A	Super Hard Rock Lug Grader	L-3/G-3
RKG-3A	Rock Grader	G-3
RKG-3C	Rock Grader	G-3
SGG-4B		G-4
HRL D/L-5A	Super Xtra Tread DL	L-5/G-5
SMO D/L-5A, B	Smooth	L-5S/G-5S
AWG-1A	All Weather Grader	
SMG-1A	Smooth Grader	

RADIAL CONSTRUCTION-CONVENTIONAL SIZES

RL-2F		G-2
SG-2A		G-2
SG-2B		G-2
AS-3A		G-2

RADIAL CONSTRUCTION-WIDE BASE SIZES

AT-2A		G-2
RL-2+		G-2
RL-2F		G-2
RL-3J		G-3
SG-2B		G-2
AS-3A		G-2

SEVERE SERVICE-UNDERGROUND MINE AND QUARRY TIRES

ALPHA NUMERIC NAMES	PREVIOUS NAMES	INDUSTRY CODE
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BIAS CONSTRUCTION-CONVENTIONAL SIZES

HRL-3A	Hard Rock Lug UMS	L-3
AMS-4/5A	5:1 solid to void ratio	L-4
SMO-4B	Smooth	L-4S
AMS-5/8F	8: 1 solid to void ratio	L-5
AMS-5/11F	11: 1 solid to void ratio	L-5
AMS-5/15C	15: 1 solid to void ratio	L-5
SMO-5A, B, C	Smooth	L-5S

BIAS CONSTRUCTION-WIDE BASE SIZES

SMO D/L-3A	Smooth	L-3S
SMO D/L-4A, B	Smooth	L-4S
AMS D/L-5/8H	8: 1 solid to void ratio	L-5
AMS D/L-5/9A	9:1 solid to void ratio	L-5
AMS, DMS D/L-4/15C	15:1 solid to void ratio	L-4
AMS, DMS D/L-4/15C	15:1 solid to void ratio	L-5
DRL D/L-5A	Super Xtra Dual Tread	L-5
SMO D/L-5A, B	Smooth	L-5S/G-5S
SMO D/L-5A, B	Smooth	L-5S

BIAS BELTED CONSTRUCTION-65 ASPECT RATIO SIZES

NRL, NDL D/L-4/15C	15: 1 solid to void ratio	L-4
NSM D/L-4B	Smooth	L-4S
NRL, NDL D/L-5/15C	15: 1 solid to void ratio	L-5
NSM D/L-5B	Smooth	L-5S

RADIAL CONSTRUCTION-CONVENTIONAL SIZES

RL-5K		L-5
SM-5A		L-5S

RADIAL CONSTRUCTION-WIDE BASE SIZES

SM-3A		L-3S
RL-4K		L-4
RL-5K		L-5
SM-5A		L-5S

SAND TIRES

ALPHA NUMERIC NAMES	INDUSTRY CODE
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BIAS CONSTRUCTION-CONVENTIONAL SIZES

SAW-7A	Sand All Weather	E-7
SRB-7A	Sand Rib	E-7
SRB-7A, 7B	Special Sand & Road Service	E-7

RADIAL CONSTRUCTION-CONVENTIONAL SIZES

SR-7A		E-7
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65 SERIES RADIAL TIRES

ALPHA NUMERIC NAMES	INDUSTRY CODE
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AT-2	E,L-2
GP-2B	E,L,G-2
GP-3D	E,L,G-3T
GP-4D	E,L-4T

PORT & CONTAINER HANDLING TIRES

ALPHA NUMERIC NAMES	INDUSTRY LEVEL
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RADIAL CONSTRUCTION

EV-3B	100
EV-3T	125
EV-4A	150
EV-4K	150
EV-4M	150
EV-4S	150
EV-S4S	150
EV-5S	250

BIAS CONSTRUCTION

ELV-3A	100
ELV-4/5A	150
ELV-4B	150
ELV-4S	150
ELV-5A	250
ELV-5C	250
ELV-5D	250

CONVERSION FACTORS FOR DIMENSIONAL DATA

Dimensional Data	Units	Rounded off to	Conversion Factor
Minimum Dual Spacing	ins	to closest .1 unit	(ins x 25.4)
	mm	to closest unit	
Inflation	lbs/in ²	to closest 5 units	(lbs/in ² x .06895)
	bars	to closest 1/4 bar	
Load	lbs	to closest 10 units	(lbs x .4536)
	kgs	to closest unit	
Overall Width	ins	to closest .1 unit	(ins x 25.4)
	mm	to closest unit	
Overall Diameter	ins	to closest .1 unit	(ins x 25.4)
	mm	to closest unit	
Loaded Section + Gr.	ins	to closest .1 unit	(ins x 25.4)
	mm	to closest unit	
Static Loaded Radius	ins	to closest .1 unit	(ins x 25.4)
	mm	to closest unit	
Revolutions	rev/mi	to closest unit	(rev/mi x .6214)
	rev/km	to closest unit	
Gross Contact Area	ins ²	to closest unit	(ins ² x 6.452)
	cm ²	to closest unit	
Weight	lbs	to closest unit	(lbs x .4536)
	kgs	to closest unit	
Speed	mph	to closest unit	(mph x 1.609)
	kph	to closest unit	
Tread Depth	32nds/in	to closest unit	(32nds x .7938)
	mm	to closest unit	
Performance Capability	TMPH	to closest unit	(TMPH x 1.458)
	TKPH	to closest unit	
Capacity	YD ³	to closest .1 unit	(YD ³ x .76456)
	M ³	to closest unit	

DIMENSIONAL DATA

EXPLANATION OF HEADINGS FOR DIMENSIONAL DATA PAGES

Type	Goodyear Sales Name
IND Code	Industry Code – A code which indicates the type of service for which the tire was designed. Use of this code allows for comparisons between the competing brands of tires.
Current in Line Location	Regions of the world where the tire is produced or inventoried and available for sale.
Rim Width and Flange	Width of the rim base in inches and height of the flange for the design rim. <i>See rim section for any alternate approved rims.</i>
Min. Dual Spacing	Recommended minimum distance between the tire center lines for dual applications.
Overall Width	Measurement of the new tire when inflated and mounted on the recommended rim.
Overall Diameter	Measurement of the new tire when inflated and mounted on the recommended rim.
Load Sect & Growth	Loaded Section & Growth – The maximum width of a cross-sectional view of a loaded tire including the effect of the carcass stretch over time.
Static Load Rad	Static Loaded Radius – Distance from center of wheel to ground on a vehicle which has rated load, rated inflation, and is not in motion.
Revol Per Mi (KM)	Revolutions per mile (kilometer) - the number of revolutions that the mounted tire will make in one mile (kilometer), at rated load and inflation.
Tire Volume	Total internal Tire Volume. If liquid ballast is desired, 3/4 fill can be calculated as follows: Water Only: Vol x .75 CaCl ₂ is used to prevent freezing and add additional weight. Typically it is added at a 3.5 lbs./gal. ratio. Volume of a gal. of water = 231 cu. in. Total Gals available x 231 = Volume in cu. in. Swell Factor for 3.5 lbs CaCl ₂ = 38.6 cu. in. Vol of 1 gal. H ₂ O + 3.5 lbs CaCl ₂ = 269.6 cu. in. $\frac{3/4 \times \text{total cu. in. available}}{269.6} = \text{Gal. Water Used}$ Weight can be found by: Weight of Water = Gal. x 8.35 + Weight of CaCl ₂ = Gal. x 3.5 <hr style="width: 100px; margin-left: 0;"/> = Ballast Weight
Tread Depth	The distance in thirty-seconds of an inch (mm) measured from the tread surface to the bottom of the tread grooves.
Performance Capability	TMPH / TKPH ^WCF <i>See Pages VII thru IX For Complete Explanation</i>

CONVENTIONAL SIZE

DIMENSIONAL DATA



SRB-7A

SMC-1A
OLYMPIC

* Tube Type Tire

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY		
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S tmph tkph	4S tmph tkph	6S tmph tkph
6.00-16	SMC-1A	C-1	N			6.8 173	28.7 729	7.2 183	13.5 343	724 450	41 264					
<i>7.50-15NHS*</i>	<i>SMC-1A</i>	<i>C-1</i>	<i>N</i>	6.50T		8.4 213	31.0 787	9.4 239	14.2 361	700 435	64 413					
	OLY (SMC) #	C-1	A	6.5		8.7 221	29.7 754	9.5 241	13.6 345	705 438	66 426					
9.00-15	SRB-7A	E-7	N	5 1/2K		9.6 244	32.5 826	10.7 272	14.6 371	688 428	48 310	7 6				
7.50-16NHS	OLY (SMC) #	C-1	A	6.5		8.7 221	31.1 790	9.5 241	14.3 363	674 419	70 451					
9.00-16	SRB-7A	E-7	N	6.50H		10.2 259	35.0 889	11.1 282	16.0 406	620 385	56 361	8 6				
11.00-16	SRB-7A	E-7	N	6.50H		10.9 277	35.6 904	12.2 310	16.6 422	598 372	67 432	28.0 104.0	9 7			
16.00-16	SRB-7A	E-7	N	6.50H		13.3 338	42.5 1080	15.7 399	17.9 455	531 330	157 1013	10 8				

Estimated Data

Italicized sizes (light type) not currently in line this location.

Sizes in bold type can be obtained in locations in bold.

Extended lead time may be needed in other locations.

In Line: **N** = North America
L = Latin America

E = Europe / Africa / Mid East
A = Asia / Australia

LOAD LIMITS AT COLD INFLATION PRESSURES

5 MPH (10 KM/H) MAXIMUM SPEED COMPACTOR SERVICE

	PSI	45	50	55	60	65	70	75	80	85	90	95	100	105	110	125
BIAS	KPA	325	350	400	425	450	475	525	550	575	625	650	675	725	750	850
7.50-15NHS	LBS	3460	3700	3900(6)	4100	4300	4500	4680	4860	5040	5200(10)	5380	5540	5700	5860(12)	
	KG	1570	1680	1770(6)	1860	1950	2040	2120	2200	2290	2360(10)	2240	2510	2590	2650(12)	
6.00-16	LBS	2300	2450	2600	2750	2900	3000	3100	3200(6)	3370	3500	3600	3700	3800	3820(8)	4200(10)
	KG	1040	1110	1180	1250	1320	1360	1410	1450	1530	1590	1630	1680	1720	1730	1910
7.50-16NHS	LBS	3620	3860	4080(6)	4280	4500	4680(8)	4880	5080	5260	5440(10)	5600	5780	5940	6100(12)	
	KG	1640	1750	1850(6)	1940	2040	2120(8)	2210	2300	2390	2470(10)	2540	2620	2690	2770(12)	

40 MPH (65 KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
9.00-15	LBS	1050	1230	1430	1570	1710	1870	1980	2090
	KG	475	560	650	710	775	850	900	950
9.00-16	LBS	1100	1280	1480	1650	1760	1930	2090	2200
	KG	500	580	670	750	800	875	950	1000
11.00-16	LBS	1320	1570	1760	1980	2150	2340	2540	2680
	KG	600	710	800	900	975	1060	1150	1215
16.00-16	LBS	2600	3090	3530	3860	4300	4540	4940	5200
	KG	1180	1400	1600	1750	1950	2060	2240	2360

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
9.00-15	LBS	1230	1480	1650	1870	2040	2200	2340	2470
	KG	560	670	750	850	925	1000	1060	1120
9.00-16	LBS	1280	1520	1760	1930	2090	2270	2470	2600
	KG	580	690	800	875	950	1030	1120	1180
11.00-16	LBS	1570	1870	2090	2340	2600	2760	3000	3310
	KG	710	850	950	1060	1180	1250	1360	1500
16.00-16	LBS	3090	3640	4080	4540	5070	5360	5840	6170
	KG	1400	1650	1850	2060	2300	2430	2650	2800

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
9.00-15	LBS	1820	2150	2470	2680	3000	3200	3420	3640
	KG	825	975	1120	1215	1360	1450	1550	1650
9.00-16	LBS	1870	2200	2540	2830	3090	3310	3530	3860
	KG	850	1000	1150	1285	1400	1500	1600	1750
11.00-16	LBS	2270	2680	3090	3420	3750	4080	4300	4670
	KG	1030	1215	1400	1550	1700	1850	1950	2120
16.00-16	LBS	4410	5360	6010	6780	7390	8050	8540	9090
	KG	2000	2430	2725	3075	3350	3650	3875	4125

CONVENTIONAL SIZE

RADIAL

BIAS



RL-5K

SGG-2A
IND SG

HRL-3A
HR LUG
HR LUG WC
UMS-3A

SMC-1A
SMO-5B
SMO CRAWL

DIMENSIONAL DATA

* Tube Type Tire

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY		
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S tmph tkph	4S tmph tkph	6S tmph tkph
<i>7.50-20*</i>	<i>Smo Crawl</i>		<i>L</i>	6.00T	10.8 274	8.4 213	37.1 941	9.2 234	17.1 434	559 347	46 297		21 17			
9.00-20ML*	HRL-3A	E-3	<i>N L</i>	7.00	12.7 333	10.3 262	40.8 1036	11.5 292	19.2 488	517 321	72 465		26 21			
9.50-20NHS*	SMO-5B	L-5S	<i>L A</i>	7.50	13.4 340	11.2 283	41.4 1052	12.2 310	19.1 485	498 309	105 677		72 57			
10.00-20ML*	HR Lug	E-3	<i>N E</i>	7.50	13.5 343	10.9 277	42.2 1072	11.8 300	19.9 506	498 309	74 477		27 21			
11.00-20NHS*	<i>HR LUG WC</i> SMC-1A	<i>E-3</i> C-1	<i>N</i> L	8.50	15.0 381 15.0 381	12.2 310 11.7 298	43.2 1097 42.3 1074	13.3 338 12.7 322	20.4 518 20.0 508	486 302 492 306	86 555 105 677	30.3 114.7	28 22 22 17			
12.00R20	RL-5K RL-5S	L-5 L-5S	N N	8.50	15.6 396 15.6 396	12.3 312 12.3 312	46.6 1184 46.6 1184	13.7 348 13.7 348	20.8 528 20.8 528	451 280 451 280	165 1067 165 1067		78 62 78 62			
12.00-20NHS*	HRL-3A UMS-3A	E-3	<i>N L E</i> N	8.50	15.6 396 15.6 396	13.0 330 13.0 330	45.3 1151 45.3 1151	14.4 366 14.4 366	20.8 528 20.8 528	457 284 457 284	125 807 125 807	40.0 151.4 40.0 151.4	28 22 28 22			

Italicized sizes (light type) not currently in line this location.
Sizes in bold type can be obtained in locations in bold.
 Extended lead time may be needed in other locations.

In Line: **N** = North America
L = Latin America

E = Europe / Africa / Mid East
A = Asia / Australia

LOAD LIMITS AT COLD INFLATION PRESSURES

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	80	98	102	105	109	112	116	120	123	127	131	134	138	141	145
RADIAL	KPA	550	675	700	725	750	775	800	825	850	875	900	925	950	975	1000
12.00R20	LBS	9900*	11700	12000	12300	12800	12800	13200	13600**	13900	13900	14300	14800	15200***	15200	15700
	KG	4500*	5300	5450	5600	5800	5800	6000	6150**	6300	6300	6500	6700	6900***	6900	7100
BIAS	PSI	98	102	105	109	112	116	120	123	127	131	134	138	141		
	KPA	675	700	725	750	775	800	825	850	875	900	925	950	975		
7.50-20NHS	LBS	6000	6150	6400	6400▲	6600▲	6800▲	6800▲	6950▲	6950▲	7150▲	7400▲	7400▲	7600▲(16)		
	KG	2722	2790	2903	2093▲	2994▲	2994▲	3084▲	3153▲	3153▲	3243▲	3357▲	3357▲	3447▲(16)		
BIAS	PSI	73	76	80	83	87	91	94	98	102	105	109	112	116	120	149
	KPA	500	525	550	575	600	625	650	675	700	725	750	775	800	825	1025
9.50-20NHS	LBS	7150	7400	7600	7600	7850(12)	8050	8250	8550	8550(14)	8800	9100▲	9100▲	9350(16)▲		
	KG	3250	3350	3450	3450	3530(12)	3650	3750	3875	3875(14)	4000	4125▲	4125▲	4250(16)▲		
10.00-20ML	LBS	8050	8250	8550(12)	8800	8800	9100	9350(14)	9650	9900	9900	10200(16)▲				
	KG	3650	3750	3875(12)	4000	4000	4125	4250(14)	4375	4500	4500	4625(16)▲				
11.00-20NHS	LBS	8550	8800	9100(12)	9350	9350	9650	9900(14)	10200	10470	10750(16)					
	KG	3875	4000	4125(12)	4250	4250	4375	4500(14)	4625	4750	4875(16)					
12.00-20NHS	LBS	9900(12)	10200	10500	10700(14)	11000	11400	11700	12000(16)	12300	12300	12800▲	12800▲	13200▲	13600(20)▲	15200(28)▲
	KG	4500(12)	4625	4750	4875(14)	5000	5150	5300	5450(16)	5600	5600	5800▲	5800▲	6000▲	6150(20)▲	6900(28)▲
BIAS	PSI	25	30	35	40	45	50	55								
	KPA	170	200	240	270	300	340	370								
13.00-20TG	LBS	6350	7100	7750	8350	8950	9550	10100(10)								
	KG	2875	3225	3525	3900	4050	4325	4575								

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73
BIAS	KPA	275	300	325	350	375	400	425	450	475	500
10.00-20ML	LBS	3860	4080(10)	4300	4400	4680(12)	4800	4940	5200(14)	5360	5520(16)
	KG	1750	1850(10)	1950	2000	2120(12)	2180	2240	2360(14)	2430	2500(16)
12.00-20NHS	LBS	4800	5080	5360	5520	5840(14)	6000	6150	6400(16)		
	KG	2180	2300	2430	2500	2650(14)	2725	2800	2900(16)		

▲ Permafoam inflation or special rim required.

**CONVENTIONAL SIZE
Tubeless Tires**

CONVENTIONAL SIZE

DIMENSIONAL DATA



SRB-7A

SGL-2A
SGG-2A
IND SG
EM-SG

HRL-3A
WRL-3A
UMS-3A

* Tube Type Tire

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY			
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S tmph tkph	4S tmph tkph	6S tmph tkph	
10.5-20MPT	IND SG		N E	9.0		10.9 276	37.6 955		17.5 444	549 341							
12.5-20MPT	IND SG		N E	11.0		12.9 330	40.9 1040		18.9 480	508 316							
13.00-20TG*	SGG-2A	G-2	N	8.00TG		13.7 348	46.7 1186	15.6 396	21.2 539	448 278	149 961	46.0 173.0	30 24				
14.00-20*	SRB-7A	E-7	N	10.00W		15.6 396	47.5 1207	17.7 450	21.4 544	444 276	131 845	58.0 220.0	10 8				
14.00-20ML*	SGL-2A EM-SG	E-2 E-2	N	10.00W	17.7 450 17.7 450	15.0 381 15.0 381	48.6 1234 48.6 1234	16.6 422 16.6 422	22.2 564 22.2 564	428 266 428 266	167 1078 167 1078		32 25 32 25				
14.00-20NHS*	WRL-3A UMS-3A HRL-3A	E-3 N E-3	N N N	A 10.00W	17.7 450 17.8 452 17.8 452	14.8 376 14.8 376 14.8 376	49.1 1247 49.1 1247 49.1 1247	16.1 409 16.1 409 16.1 409	22.8 579 22.4 569 22.4 569	417 259 425 264 425 264	150 968 150 968 150 968		34 27 33 26 33 26				

Italicized sizes (light type) not currently in line this location.
 Sizes in bold type can be obtained in locations in bold.
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LOAD LIMITS AT COLD INFLATION PRESSURES

25 MPH (40 KM/H) MAXIMUM SPEED OFF-THE-ROAD TRACTOR AND GRADER SERVICE

	PSI	15	20	25	30
BIAS	KPA	125	150	175	200
13.00-20TG	LBS	3740	4080	4400	4680(10)
	KG	1700	1850	2000	2120(10)

25 MPH (40 KM/H) MAXIMUM SPEED OFF-THE-ROAD INDUSTRIAL TRACTOR SERVICE

	PSI	26	29	32	36	41	44	48	51	54
BIAS	KPA	180	200	220	250	280	300	330	350	375
10.5-20MPT	LBS	2920	3020	3150	3550(6)	3780	3935(8)	3980	4365	4560(10)
	KG	1325	1370	1430	1610(6)	1715	1785(8)	1800	1980	2070(10)
12.5-20MPT	LBS	3460	3690	3890	4210	4495	4660(10)	4915	5070(12)	
	KG	1570	1675	1765	1910	2040	2125(10)	2230	2300(12)	

50 MPH (80 KM/H) MAXIMUM SPEED OFF-THE-ROAD MINING AND LOGGING SERVICE

	PSI	40	45	50	55	60	65	70	75	80	85	90	95	100
BIAS	KPA	275	310	345	380	415	450	485	515	550	585	620	655	690
14.00-20ML	LBS	5620	6020	6400	6770(G)	7120	7470	7800(H)	8120	8430	8740(J)	9040	9320	9610(L)
	KG	2575	2725	2900	3075(G)	3250	3350	3550(H)	3650	3875	4000(J)	4125	4250	4375(L)

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76	80
BIAS	KPA	275	300	325	350	375	400	425	450	475	500	525	550
14.00-20NHS	LBS	6600 (12)	6950	7400	7600	8050(16)	8250	8550	8800	9100(20)	9370	9650	9920(24)
	KG	3000 (12)	3150	3350	3450	3650(16)	3750	3875	4000	4125(20)	4250	4375	4500(24)

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	69	73	76	80	83	87	91	94	98	102	105	109	123
BIAS	KPA	475	500	525	550	575	600	625	650	675	700	725	750	850
14.00-20NHS	LBS	13200	13900	14300	14800	14800	15200	15700(18)	16100	16500	16500(20)	17100	17600▲	18700(24)▲
	KG	6000	6300	6500	6700	6700	6900	7100(18)	7300	7500	7500(20)	7750	8000▲	8500(24)▲

40 MPH (65 KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
14.00-20	LBS	2600	3090	3530	3970	4300	4670(10)	4940	5360(12)
	KG	1180	1400	1600	1800	1950	2120(10)	2240	2430(12)

▲ Permafoam inflation or special rim required.

CONVENTIONAL SIZE

RADIAL



AT-2A

AT-3A

G286

BIAS



SRB-7A
SRB-7B

DIMENSIONAL DATA

* Tube Type Tire

Size	Type	Ind Code	Current In Line Location		Rim Width & Flange	Min. Dual Spacing in mm		INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs		Tread Depth 32nds in mm	PERFORMANCE CAPABILITY		
								Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm						2S tmph tkph	4S tmph tkph	6S tmph tkph
14.00R20	AT-2A	E-2	N	A	10.00W	17.7 450	17.7 450	15.2 386	49.2 1250	16.8 427	22.4 569	427 265	160 1032	63.7 241.1	30 24				
	G286*							15.0 381	48.4 1229	16.7 424	22.2 563	434 269	140 903	62.7 237.0	19 15				
16.00R20	AT-2A	E-2	N		10.00W	20.2 513	17.1 434	52.1 1323	18.9 480	23.7 602	403 250	195 1258	80.5 304.6	33 26					
	AT-3A	E-3T	N		10.00W	20.2 513	17.3 439	51.7 1313	19.2 487	23.4 594	406 252	192 1240	79.0 299.0	33 26					
16.00-20*	SRB-7A	E-7	N		10.00W	20.2 513	17.0 432	52.1 1323	19.3 490	23.0 584	413 257	208 1342			17 13				
24-20.5	SRS-7A	E-7	N		18.00DC		24.2 615	54.8 1392	25.8 655	24.5 622	384 239	232 1497			13 10				
	SRB-7A	E-7	N		18.00DC		24.2 615	53.9 1369	26.1 663	24.1 612	394 245	260 1677			12 10				

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LOAD LIMITS AT COLD INFLATION PRESSURES

55 MPH (90 KM/H) MAXIMUM SPEED HAULAGE SERVICE

	PSI	55	60	65	70	75	80	85	90	95	100	105	110	115
RADIAL	KPA	375	400	450	475	525	550	575	625	650	700	725	750	800
14.00R20/21	LBS	6410	6860	7300	7720(G)	8120	8510	8890(H)	9260	9610	9960(J)	10300	10620	10960(L)
	KG	2900	3100	3300	3500(G)	3675	3850	4025(H)	4200	4350	4525(J)	4675	4825	4975(L)
16.00R20/21	LBS	8770	9390	9990	10560	11110	11650	12160	12660	13150	13630(L)	14090	14540(M)	
	KG	3975	4250	4525	4800	5050	5275	5525	5750	5975	6175(L)	6400	6600(M)	

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD SERVICE

	PSI	65	69	73	76	80	83	87	91	94	98	102
RADIAL	KPA	450	475	500	525	550	575	600	625	650	675	700
14.00R20/21	LBS	8250	8550*	8800	9100	9350	9650	10200	10500	10700	11000	11400**
	KG	3750	3875*	4000	4125	4250	4375	4625	4750	4850	5000	5175**
16.00R20/21	LBS	10500	11000*	11400	11700	12000	12300	12800	13200	13900	14300	14800**
	KG	4750	5000*	5150	5300	5450	5600	5800	6000	6300	6500	6700**

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SERVICE

	PSI	76	80	83	87	91	94	98	102	105	109	112	116	120
RADIAL	KPA	525	550	575	600	625	650	675	700	750	750	775	800	825
14.00R20/21	LBS	13200	13600*	14300	14800	15200	15700	16100	16500	17100	17100	17600	18200	18700**
	KG	6000	6150*	6500	6700	6900	7100	7300	7500	7750	7750	8000	8250	8500**
16.00R20/21	LBS	17600	18200*	18700	19300	19800	20400	21500	22000	22700	22700	23400	24000	24700**
	KG	8000	8250*	8500	8750	9000	9250	9750	10000	10300	10300	10600	10900	11200**

40 MPH (65 KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
16.00-20	LBS	3530	4080	4670	5200	5680	6170	6610	7170
	KG	1600	1850	2120	2360	2575	2800	3000	3250
24-20.5	LBS	4940	5840	6780	7390	8270	8820	9370	10200
	KG	2240	2650	3075	3350	3750	4000	4250	4625

30 MPH (50KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
16.00-20	LBS	4080	4940	5510	6170	6780	7380	7830	8270
	KG	1850	2240	2500	2800	3075	3350	3550	3750
24-20.5	LBS	6010	7170	8050	9090	9920	10750	11350	12350
	KG	2725	3250	3650	4125	4500	4875	5150	5600

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
16.00-20	LBS	6010	7170	8050	9090	9920	10750	11350	12350
	KG	2725	3250	3650	4125	4500	4875	5150	5600
24-20.5	LBS	7830	9370	10750	12020	12790	13890	15210	16090
	KG	3530	4250	4875	5450	5800	6300	6900	7300

CONVENTIONAL SIZE

RADIAL

BIAS



AT-2A

SRB-7A

SAW-7A
SRS-7A
SRS-7B

UMS-3A
HRL-3A

AMS-4/5A

SMO-5B

DIMENSIONAL DATA

* Tube Type Tire

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY		
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S tmph tkph	4S tmph tkph	6S tmph tkph
<i>14.00R21</i>	AT-2A	E-2	N	10.00-1.5	17.7 450	15.2 386	49.2 1250	16.8 427	22.4 569	427 265	160 1032	63.7 241.1	30 24			
16.00R21 (445/90R21)	AT-2A	E-2	N	10.00-1.5	20.2 513	17.1 434	52.1 1323	18.9 480	23.7 602	403 250	195 1258	80.5 304.6	33 26			
<i>16.00-21NHS</i>	HRL-3A	E-3	N	11.25-2.0	20.2 513	17.0 432	54.3 1379	18.8 478	25.1 638	379 236	185 1194	76.0 287.0	37 29			
<i>24-21</i>	SRB-7A	E-7	N	18.00-1.5		24.2 615	53.9 1369	26.1 663	24.1 612	394 245	260 1677		12 10			
	SRS-7A	E-7	N			24.2 615	54.8 1392	25.8 655	24.5 622	384 239	232 1497		23 18			
<i>27.25-21*</i>	SRB-7A	E-7	N	19.50-1.5		26.9 683	59.4 1509	28.0 711	25.7 653	371 231	378 2439		19 15			
	SAW-7A	E-7	N			26.9 683	59.4 1509	28.0 711	25.7 653	371 231	378 2439		34 27			
12.00-24NHS *	HRL-3A	E-3	N E A	8.50V	15.4 391	12.8 325	49.5 1257	14.0 356	22.9 582	433 269	140 903	47.0 177.0	28 22			
	UMS-3A	N E A	N			15.4 391	12.8 325	49.5 1257	14.0 356	22.9 582	433 269		140 903	28 22		
	AMS-4/5A	L-4	N			15.4 391	13.1 333	50.7 1288	14.8 376	23.6 599	402 250		121 781	55 43		
	SMO-5B/C	L-5S	N L E			15.4 391	12.8 325	50.2 1275	14.8 376	23.6 599	402 250		121 781	83 66		

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LOAD LIMITS AT COLD INFLATION PRESSURES

55 MPH (90KM/H) MAXIMUM SPEED HAULAGE SERVICE

	PSI	55	60	65	70	75	80	85	90	95	100	105	110	115
RADIAL	KPA	380	410	450	480	520	550	590	620	660	690	720	760	790
14.00R21	LBS	6410	6860	7300	7720(G)	8120	8510	8890(H)	9260	9610	9960(J)	10300	10620	10960(L)
	KG	2900	3100	3300	3500(G)	3675	3850	4025(H)	4200	4350	4525(J)	4672	4817	4975(L)
16.00R21	LBS	8770	9390	9990	10560	11110	11650	12160	12660	13150	13630(L)	14090	14540(M)	
	KG	3975	4250	4525	4800	5050	5275	5525	5750	5975	6175(L)	6400	6600(M)	

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76	80	83
BIAS	KPA	275	300	325	350	375	400	425	450	475	500	525	550	575
16.00-21NHS	LBS	8800	9350	9650(16)	10200	10500	11000(20)							
	KG	4000	4250	4375(16)	4625	4750	5000(20)							
12.00-24NHS	LBS	5520	5680	6000	6150	6600(14)	6800	6950	7150(16)	7390	7610	7830	8050(20)	
	KG	2500	2575	2725	2800	3000(14)	3075	3150	3250(16)	3350	3450	3550	3650(20)	

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	69	73	76	80	83	87	91	94	98	102	105	109	112	116	120
BIAS	KPA	475	500	525	550	575	600	625	650	675	700	725	750	775	800	825
12.00-24NHS	LBS	11000	11400	11700	12000	12300	12300	12800	13200	13600(16)	13600	13890	14330▲	14770▲	14770▲	15210(20)▲
	KG	5000	5150	5300	5450	5600	5600	5800	6000	6150(16)	6150	6300	6500▲	6700▲	6700▲	6900(20)▲

40 MPH (65 KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
24-21	LBS	4940	5840	6780	7390	8270	8820	9370	10200
	KG	2240	2650	3075	3350	3750	4000	4250	4625
27.25-21	LBS	6390	7610	8820	9650	10750	11350	12350	13230
	KG	2900	3450	4000	4375	4875	5150	5600	6000

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
24-21	LBS	7830	9370	10750	12020	12790	13890	15210	16090(12)
	KG	3550	4250	4875	5450	5800	6300	6900	7300(12)
27.25-21	LBS	10200	12020	13890	15210	17090	18190	19290	20940
	KG	4625	5450	6300	6900	7750	8250	8750	9500

▲ Permafoam inflation or special rim required.

CONVENTIONAL SIZE

RADIAL



SG-2B

RL-2F

RL-4J

DIMENSIONAL DATA

BIAS



RBG-1A

SGG-2A

RKG-3A

SMG-1A

* Tube Type Tire

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY		
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S tmph tkph	4S tmph tkph	6S tmph tkph
12.00R24NHS	RL-4J	E-4	N	8.50	15.4 391	13.3 338	50.3 1275	14.5 368	23.5 599	420 261	113 729	46.6 176.4	42 33	75 110	55 80	
<i>12.00-24TG</i>	<i>SGG-2A</i>	<i>G-2</i>	<i>N</i>	8.00TG		12.9 328	48.4 1229	14.4 366	22.4 569	425 264	139 897		28 22			
13.00R24TG	SG-2B	G-2	N	8.00TG		13.5 343	50.3 1278		22.8 579	414 257			30 24			
	<i>RL-2F</i>	<i>G-2</i>	<i>N</i>	8.00TG		13.3 337	51.0 1295	14.6 372	23.6 599	412 256	115 742	57.9 219.1	27 21			
13.00-24TG	SGG-2A	G-2	N L E A	8.00TG		13.5 343	50.0 1285	15.5 395	22.2 563	408 254	118 761	54.3 205.0	28 22			
	SGG-2A	G-2	N L E A			13.5 343	50.0 1285	15.5 395	22.2 563	408 254	118 761	54.3 205.0	28 22			
	<i>(1) SGG-2A SG</i>	<i>G-2</i>	<i>N</i>			13.9 352	51.0 1295	15.5 395	22.2 563	408 254	118 761	54.3 205.0	28 22			
	SMG-1A	G-3S	N			13.4 340	49.7 1262	15.6 396	22.5 572	423 263	136 877					
	<i>RBG-1A</i>	<i>G-1</i>	<i>N</i>			13.6 345	50.3 1278	15.8 401	22.8 579	414 257	138 890			30 24		
<i>RKG-3A</i>	<i>G-3</i>	<i>N</i>			13.3 338	51.3 1303	15.1 384	23.8 605	399 248	123 794			30 24			

(1) SG = Steel Guard

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LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	65	69	73	76	80	83	87	91	94	98	102	105	109	112	116
RADIAL	KPA	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800
12.00R24NHS	LBS	6400	6600*	6950	7150	7400	7850	8050	8250	8550	8800	8800**	9100	9350▲	9650▲	9900***▲
	KG	2900	3000*	3150	3250	3350	3550	3650	3750	3875	4000	4000**	4125	4250▲	4375▲	4500***▲

25 MPH (40 KM/H) MAXIMUM SPEED OFF-THE-ROAD TRACTOR AND GRADER SERVICE

	PSI	29	33	36	40	44	47	51	54
RADIAL	KPA	200	225	250	275	300	325	350	375
13.00R24TG	LBS	4080	4400	4800	5200	5520	5840	6150	6600*
	KG	1850	2000	2180	2360	2500	2650	2800	3000*
BIAS	KPA	125	150	175	200	225	250	275	
12.00-24TG	LBS	3200	3520(6)	3860	4180(8)				
	KG	1450	1600(6)	1750	1900(8)				
13.00-24TG	LBS	3740	4180(6)	4540(8)	4940	5200(10)	5520	5840(12)	
	KG	1700	1900(6)	2060(8)	2240	2360(10)	2500	2650(12)	

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	76	80	83	87	91	94	98	102	105	109	112	116	120	131
RADIAL	KPA	525	550	575	600	625	650	675	700	725	750	775	800	825	900
12.00R24NHS	LBS	10700	11400*	11700	12000	12300	12800	13200	13600	13900	14300▲	14300▲	14800▲	15200**▲	16100***▲
	KG	4875	5150*	5300	5450	5600	5800	6000	6150	6300	6500▲	6500▲	6700▲	6900**▲	7300***▲
BIAS	KPA	250	275	300	325	350									
12.00-24TG	LBS	7400	7850	8050	8550(8)										
	KG	3350	3550	3650	3875(8)										
RADIAL	KPA	350	375	400	425	450	475	500	525	550					
13.00R24TG	LBS	9350	9900	10500	11000	11400	12000	12300	12800	13200*					
	KG	4250	4500	4750	5000	5150	5450	5600	5800	6000*					
BIAS	KPA	300	325	350	375	400	425	450	475	500	525	550	575	600	
13.00-24TG	LBS	9350(8)	9900	10500	10700(10)	11400	11700	12000(12)	12300	12800	13200(14)	13600	13900	14300(16)	
	KG	4375(8)	4500	4750	4875(10)	5150	5300	5450(12)	5600	5800	6150(14)	6150	6300	6500(16)	

▲ Permafoam inflation or special rim required.

CONVENTIONAL SIZE

RADIAL



SG-2A SG-2B AS-3A MC-1A RL-4J RL-4K RL-5K

DIMENSIONAL DATA

BIAS



SGG-2A RKG-3A SGG-4B HRL-3A WRL-3A ELV-3A UMS-3A SMO-4B SMO-5B EV-4S

* Tube Type Tire

Size	Type	Ind Code	Current In Line Location		Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS				LOADED DIMENSIONS				Revol Per mi km	Gross Contact Area in ² cm ²		Tire Volume gal ltrs		Tread Depth 32nds in mm	PERFORMANCE CAPABILITY								
							Overall Width in mm		Overall Diameter in mm		Load Sect & Growth in mm		Static Load Rad in mm			in ² cm ²		gal ltrs			2S tmph tkph		4S tmph tkph		6S tmph tkph				
14.00R24NHS (1)	RL-2F	E-2	N	A	10.00W	17.7	450	15.0	381	53.8	1367	16.5	419	24.8	630	390	242	138	890	75.1	284.2	29	23	110	160	85	120		
	RL-4J	E-4	N			17.7	450	15.3	389	55.6	1412	16.7	424	25.9	658	377	234	154	994	68.2	258.1	48	38	85	120	65	95		
	RL-4L	E-4	N			17.7	450	14.7	373	55.5	1410	16.8	427	24.6	625	378	236	167	1079	67.6	256.0	47	37						
	EV-4M #	IND-4	N			17.7	450	14.7	373	55.5	1410	16.8	427	24.6	625	378	236	167	1079	67.6	256.0	47	37						
	RL-4K #	E/L-4	N			17.7	450	15.0	381	55.8	1417	16.2	411	26.0	660	362	225	190	1226			58	46						
	RL-5K #	E/L-5	N			17.7	450	15.0	381	55.8	1417	16.2	411	26.0	660	362	225	190	1226			81	64						
	EV-4A	IND-4	N	E		17.7	450	15.6	396	55.4	1407	17.9	455	25.5	648	454	282	235	1516			49	39			65#	100#		
	EV-4S	IND-4S	N	E		17.7	450	15.6	396	55.4	1407	17.9	455	25.0	634	454	282	235	1516			49	39			58#	90#		
	GP-2B	E-2/3		E		17.7	450	15.2	386	53.5	1359	15.5	394	24.4	620	393	244	152	981			33	26						
	14.00R24/25 (385/95R24/25)	MC-1A		N		10.00-1.5	17.7	450	14.7	373	53.5	1359	16.0	406	24.7	627	393	244	123	794	75.0	284.0	31	24					
14.00R24TG (1)	AS-3A	G-2	N		8.00TG			14.4	367	53.2	1352	16.6	422	24.1	612	395	245	205	1323	75.4	285.4	32	25						
	RL-2F	G-2	N					14.2	361	53.8	1367	15.7	399	24.7	628	390	242	138	890	75.1	284.2	29	23						
	SG-2B	G-2	N					14.4	367	53.2	1352	16.6	422	24.1	612	395	245	186	1200	75.4	285.4	33	26						
	SG-2A	G-2	N					14.4	367	53.2	1352	16.6	422	24.1	612	395	245	186	1200	75.4	285.4	25	19						
14.00-24NHS *	WRL-3A	E-3	N	A	10.00W	17.7	450	14.6	371	52.7	1339	16.2	411	24.6	625	387	241	175	1125	61.0	232.0	33	26						
	UMS-3A		N	E		17.7	450	14.6	371	52.7	1339	16.2	411	24.6	625	387	241	175	1125	61.0	232.0	33	26						
	ELV-3A	IND-3		A				15.5	394	54.5	1384											33	26						
	SMO-5B/C	L-5S	L	E	A	17.7	450	15.3	389	55.6	1412	17.0	432	25.4	645	373	232	177	1142			96	76						
	SMO-4B	L-4S	N			17.7	450	14.8	376	55.8	1417	16.0	406	26.0	660	362	225	170	1097			71	56						
14.00-24ML *	HRL-3A	E-3	N	L	E	A	10.00W	17.7	450	15.5	394	16.9	429	25.6	650	372	231	145	934	61.0	232.0	33	26						
	CHM		N	L			17.7	450	14.7	373	52.5	1334	16.0	406	24.6	625	393	244	129	832			20	16					
	XDR	E-1	N			17.7	450	15.4	392	54.2	1377	16.4	415	25.2	640	383	239	170	1097			30	24						
14.00-24TG (1)	RBG-1A	G-1	N		8.00TG			14.4	366	52.6	1336	16.5	419	23.7	602	396	246	160	1033			32	25						
	SGG-2A	G-2	N	L	E	A		14.6	371	52.6	1336	16.8	421	23.6	598	391	243	208	1345	62.4	236.1	30	24						
	RKG-3A	G-3	N	L	E	A		14.2	361	53.3	1354	16.0	406	24.6	625	387	240	132	852			32	25						
	SGG-4B	G-4	N					14.5	368	54.5	1384	16.9	429	24.6	625	387	241	200	1290			50	40						

Estimated Data

Italicized sizes (light type) not currently in line this location.

Sizes in bold type can be obtained in locations in bold.

Extended lead time may be needed in other locations.

In Line: N = North America

L = Latin America

(1) See Page 15 for Picture

E = Europe / Africa / Mid East

A = Asia / Australia

LOAD LIMITS AT COLD INFLATION PRESSURES

55 MPH (90KM/H) HIGHWAY SERVICE

	PSI	65	70	75	80	85	90	95	100	105	110	115	131	141
RADIAL	KPA	450	475	525	550	575	625	650	700	725	750	800	900	975
14.00R24/25 (385/95R24/25)	LBS	8150	8620	9070	9500	9930	10340	10730	11400(J)	11700	12000	12300(L)	13270(M)	13930(N)
	KG	3700	3910	4110	4310	4500	4690	4870	5150(J)	5300	5450	5600(L)	6000(M)	6300(N)

50 MPH (80 KM/H) HIGHWAY SERVICE

	PSI	60	65	70	75	80	85	90	95	100	105	110		
BIAS	KPA	410	450	475	525	550	575	625	650	700	725	750		
14.00-24	LBS	8150	8620	9070	9500	9930	10340	10730	11400(J)	11700	12000	12300(L)		
	KG	3700	3910	4110	4310	4500	4690	4870	5150(J)	5300	5450	5600(L)		

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	51	54	58	62	65	69	73	76	80	83	87	91	94		
BIAS	KPA	350	375	400	425	450	475	500	525	550	575	600	625	650		
14.00-24/25NHS	LBS	8550	8800(16)	9350	9650	9900	10200(20)	10500	10700	11000(24)	11400	11700	12000	12300(28)		
	KG	3875	4000(16)	4250	4375	4500	4625(20)	4750	4875	5000(24)	5150	5300	5450	5600(28)		
RADIAL	PSI	65	69	73	76	80	83	87	91	94	98	102	105	109	112	116
	KPA	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800
14.00R24/25NHS	LBS	8800	9100*	9650	9900	10200	10500	11000	11400	11700	12000	12300**	12300	12800	13200	13600***
	KG	4000	4125*	4375	4500	4625	4750	5000	5150	5300	5450	5600**	5600	5800	6000	6150***

25 MPH (40 KM/H) MAXIMUM SPEED ROAD TRACTOR AND GRADER SERVICE

	PSI	22	25	29	33	36	40	44	47	51	54				
BIAS	KPA	150	175	200	225	250	275	300	325	350	375				
14.00-24TG	LBS	5080	5520	5840	6150(10)	6800(12)	7150	7600	7850	8050(16)					
	KG	2300	2500	2650	2800(10)	3075(12)	3250	3450	3550	3650(16)					
RADIAL	PSI	29	33	36	40	44	47	51	54						
	KPA	200	225	250	275	300	325	350	375						
14.00R24TG	LBS	4940	5360	5840	6150	6600	7150	7400	8050*						
	KG	2240	2430	2650	2800	3000	3250	3350	3650*						

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	76	80	83	87	91	94	98	102	105	109	112	116	123	141
BIAS	KPA	525	550	575	600	625	650	675	700	725	750	775	800	850	975
14.00-24/25NHS	LBS	15700	16100	16500	17100	17600	18200	18200	18700(20)	19300	19300	19800	20400	20900(24)	22700(28)▲
	KG	7100	7300	7500	7750	8000	8250	8250	8500(20)	8750	8750	9000	9250	9500(24)	10300(28)▲
BIAS	PSI	47	51	54	58	62	65	69	73	76	80	83	87		
	KPA	325	350	375	400	425	450	475	500	525	550	575	600		
14.00-24TG	LBS	12000	12300(10)	13200	13600	13900(12)	14300	14800	15200	15700	16100(16)				
	KG	5450	5600(10)	6000	6150	6300(12)	6500	6700	6900	7100	7300(16)				
RADIAL	PSI	76	80	83	87	91	94	98	102	105	109	112	116	120	131
	KPA	525	550	575	600	625	650	675	700	725	750	775	800	825	900
14.00R24/25NHS	LBS	14800	15200*	15700	16500	17100	17600	17600	18200	18700	19300	19800	20400	20900**	22000***▲
	KG	6700	6900*	7100	7500	7750	8000	8000	8250	8500	8750	9000	9250	9500**	10000***▲

▲ Permafoam inflation or special rim required.

CONVENTIONAL SIZE

RADIAL



SG-2B **RL-2F** **RL-4L**
EV-4A **EV-4M**

DIMENSIONAL DATA

BIAS



RBG-1A **SGG-2A** **RKG-3A** **SGL D/L-2A** **HRL-3A** **PVG-7A**

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY		
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S tmph tkph	4S tmph tkph	6S tmph tkph
16.00R24TG	<i>SG-2B #</i>	<i>G-2</i>	<i>N</i>	10.00VA	20.2 513	16.8 426	57.3 1454	18.5 469	25.4 644	367 228	185 1190	100.0 379.0	35 28			
	RL-2F	G-2	N A			16.7 424	58.8 1494	18.4 468	26.9 683	357 222	180 1160	108.6 411.1	32 25			
16.00-24	<i>HR Lug XT</i>	<i>E-4</i>	<i>E</i>	11.25-2.0	20.2 513	17.2 437	59.9 1521	18.8 478	28.0 711	339 211	190 1226	78.0 295.0	67 53			
	HRL-3A	E-3	N A			17.4 442	58.1 1476	19.2 488	26.9 683	350 218	195 1258	83.0 315.0	37 29			
16.00-24TG	SGG-2A	G-2	N L E A	10.00VA	20.2 513	16.9 429	56.1 1425	19.2 488	25.4 645	374 232	226 1458	79.0 298.0	35 28			
	RKG-3A	G-3	N E			17.3 439	57.8 1468	19.4 493	26.3 668	361 224	212 1368		35 28			
	PVG-7A	E-7	N			20.4 520	59.0 1498	22.1 563	24.7 628	355 220	314 2026		15 12			
	<i>RBG-1A</i>	<i>G-1</i>	<i>N</i>			17.3 439	57.0 1448	19.6 498	25.6 650	371 231	210 1355		35 28			
<i>18.00-24</i>	<i>HRL-3A</i>	<i>E-3</i>	<i>N</i>	13.00-2.5	23.1 587	20.0 508	64.0 1626	22.2 564	29.5 749	319 198	260 1678		39 31			
20-24	SGL D/L-2A	L-2/G-2	L	16.00-1.4		21.5 545	54.3 1380	23.6 600	24.1 612	395 245	314 2026		33 26			
14.00R25	<i>GP-2B</i>	<i>E-2/3</i>	<i>E</i>	10.00	17.7 450	15.2 386	53.5 1359	15.5 394	24.4 620	393 244	152 981		33 26			
	RL-4J	E-4	N A			17.7 450	15.3 389	55.6 1412	16.7 424	25.9 658	377 234	154 994	68.2 258.1	48 38	85 120	65 95
	RL-4L	E-4	N			17.7 450	14.7 373	55.5 1410	16.8 427	24.6 625	378 236	167 1079	66.4 251.3	47 37		
	<i>EV-4A</i>	<i>E-4</i>	<i>N</i>			17.7 450	15.6 396	55.4 1407	17.7 450	22.7 577	444 276	190 1226		49 39		
14.00-25	HRR-1A	E-1	N	10.00	17.7 450	14.8 375	53.8 1368	15.9 405	26.0 660	362 225	170 1097					
14.00-25NHS	HRL-3A	E-3	N E A	10.00	17.7 450	15.0 381	54.5 1384	16.5 419	25.5 648	373 231	149 961	56.0 211.0	33 26		50 70	

Estimated Data

Italicized sizes (light type) not currently in line this location.

Sizes in bold type can be obtained in locations in bold.

Extended lead time may be needed in other locations.

In Line: **N** = North America

L = Latin America

E = Europe / Africa / Mid East

A = Asia / Australia

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62
BIAS	KPA	275	300	350	375	400	425	425
16.00-24	LBS	9650	10200(16)	10700	11000	11700	12000(20)	
	KG	4375	4625(16)	4875	5000	5300	5450(20)	
18.00-24	LBS	12300(16)	13200	13900	14300(20)	15200	15700	16100(24)
	KG	5600(16)	6000	6300	6500(20)	6900	7100	7300(24)
	PSI	29	33	36	40	44		
BIAS	KPA	200	225	250	275	300		
20-24	LBS	9370(12)		10750(14)				
	KG	4250(12)		4875(14)				

25 MPH (40 KM/H) MAXIMUM SPEED OFF-THE-ROAD TRACTOR AND GRADER SERVICE

	PSI	22	25	29	33	36	40	44		
BIAS	KPA	150	175	200	225	250	275	300		
16.00-24TG	LBS	6600	7150	7600	8250(12)	8800	9350	9900(16)		
	KG	3000	3250	3450	3650(12)	4000	4250	4500(16)		
	PSI	25	29	33	36	40	44	47	51	54
RADIAL	KPA	175	200	225	250	275	300	325	350	375
16.00R24TG	LBS	5680	6400	6950	7400	8050	8550	9100	9650	10200*
	KG	2525	2900	3150	3250	3650	4875	4125	4375	4625*

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

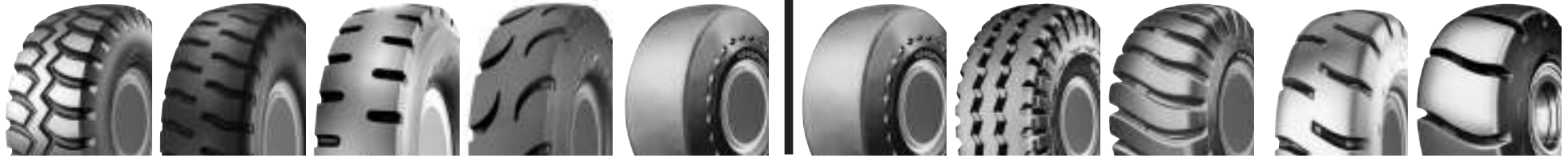
	PSI	44	47	51	54	58	62	65	69
BIAS	KPA	300	325	350	375	400	425	450	475
16.00-24TG	LBS	14780	15700(12)	16100	17100	17600	18200(16)	18700	19300
	KG	6700	7100(12)	7300	7750	8000	8250(16)	8500	8750

CONVENTIONAL SIZE

RADIAL

DIMENSIONAL DATA

BIAS



GP-2B RL-3+
EV-3+ EV-4A EV-4B+ EV-4S
EV-5S SM-5A EV-5S SMO-5A
SMO-5C HRR-1A HRL-3A ELV-4/5A
ELV-3A AMS-4/5A

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY		
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S tmph tkph	4S tmph tkph	6S tmph tkph
						16.00R25	GP-2B	E/L-2/3	E					11.25-2.0	20.2 513	17.2 438
	RL-3+	E-3	N E A		20.2 513	17.2 437	59.1 1501	19.2 488	27.1 687	355 221	202 1303	94.7 358.3	50 40	115 170	85 120	70 100
	EV-3+	IND-3+	E		20.2 513	17.2 437	59.1 1501	19.2 488	27.1 687	355 221	202 1303	94.7 358.3	50 40			
	EV-4A	IND-4	N E		20.2 513	17.6 447	60.2 1529	19.4 493	26.7 678	349 217	200 1290	100.0# 379.0#	58 46			
	EV-4B+	IND-4	E		20.2 513	17.1 435	60.2 1530	19.1 486	26.5 673	349 217	200 1290		69 55			
(1)	EV-4K	IND-4	N		20.2 513	17.7 450	60.2 1529	19.5 496	26.7 678	349 217	200 1290		65 51			
	EV-4S	IND-4S	N E A		20.2 513	17.7 450	60.2 1529	19.5 496	26.7 678	349 217	200 1290	93.9 355.7	65 51			
(1)	EV-5K	IND-5	N		20.2 513	17.7 450	60.2 1529	19.5 496	26.7 678	349 217	200 1290		90 72			
	EV-5S	IND-5S	E		20.2 513	17.7 450	60.2 1529	19.5 496	26.7 678	349 217	200 1290	86.7 328.2	90 72			
	RL-2F	E-2	N		20.2 513	17.6 447	59.0 1499	19.3 490	26.9 683	356 221	200 1290	98.1 371.5	32 25	130 190	100 150	
16.00-25	HRR-1A	E-1	N A	11.25-2.0	20.2 513	16.8 427	57.1 1450	18.4 467	26.5 673	358 222	186 1200		37 29	125 180	90 130	
	HRL-3A	E-3	N L E A		20.2 513	17.4 442	58.1 1476	19.2 488	26.9 683	353 219	195 1258	80.0 302.0	37 29		70 100	
(1)	HRL-4B	E-4	N L		20.2 513	17.2 437	59.9 1521	18.8 478	28.0 711	339 211	190 1226	78.0 295.0	67 53	90 130	65 95	
	AMS-4/5A	L-4	N		20.9 531	17.4 442	59.9 1521	19.4 493	27.6 701	343 213	200 1290		66 52			40 60
	ELV-3A	IND-3	L A		20.2 513	17.4 442	58.1 1476	19.2 488	26.9 683	353 219	195 1258	80.0 302.0	37 29			
	ELV-4/5A	IND-4	N		20.9 531	17.4 442	59.9 1521	19.4 493	27.6 701	353 219	200 1290		66 52			
	SMO-5A	L-5S	E		19.0 483	17.4 442	59.9 1521	19.2 488	27.6 701	343 213	203 1310		89 70			

Italicized sizes (light type) not currently in line this location.
 Sizes in bold type can be obtained in locations in bold.
 Extended lead time may be needed in other locations.

In Line: **N** = North America
L = Latin America

E = Europe / Africa / Mid East
A = Asia / Australia

(1) See Page 19 for Picture

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	46	51	54	58	62	65	69	73	76	80	83	94
BIAS	KPA	275	300	325	350	375	400	425	450	475	500	525	550	575	650
16.00-25	LBS	9650	10200	10700	11000	11700	12000(20)	12300	12800	13200(24)	13900	14300	14300	14800(28)	16100(32)
	KG	4375	4625	4875	5000	5300	5450(20)	5600	5800	6000(24)	6300	6500	6500	6700(28)	7300(32)
RADIAL	PSI	65	69	73	76	80	83	87	91	94	98	102			
	KPA	450	475	500	525	550	575	600	625	650	675	700			
16.00R25	LBS	11400	12000*	12300	12800	13200	13900	14300	14800	15200	15700	16100**			
	KG	5150	5450*	5600	5800	6000	6300	6500	6700	6900	7100	7300**			

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	69	73	76	80	83	87	91	94	98	102	105	109	112	
BIAS	KPA	475	500	525	550	575	600	625	650	675	700	725	750	775	Continued
16.00-25	LBS	19300	19800	20400	21500(20)	22000	22000	22700	23400(24)	24000	24700	24700	25400(28)	26000	
	KG	8750	9000	9250	9750(20)	10000	10000	10300	10600(24)	10900	11200	11200	11500(28)	11800	
	PSI	116	120	123	127	131	134	138	141	145	149				
	KPA	800	825	850	875	900	925	950	975	1000	1025				
	LBS	26800	26800	27600	27600(32)	28300	29100	29100	30000(36)	30000	30900			32000(40)	
	KG	12150	12150	12500	12500(32)	12850	13200	13200	13600(36)	13600	14000			14500(40)	
RADIAL	PSI	76	80	83	87	91	94	98	102	105	109	112	116	120	131
	KPA	525	550	575	600	625	650	675	700	725	750	775	800	825	900
16.00R25	LBS	19300	19800*	20400	21500	22000	22700	23400	24000	24700	25400	26000	26800	26800**	29100***
	KG	8750	9000*	9250	9750	10000	10300	10600	10900	11200	11500	11800	12150	12150**	13200***

CONVENTIONAL SIZE

RADIAL



RL-2F RL-3+
EV-3+
RL-4
RL-4B

RL-4J

RL-5K
EV-4K
EV-5K

DIMENSIONAL DATA

RADIAL & BIAS

BIAS



EV-4S ELV-5C
EV-5S ELV-5D
SM-5A SMO-5A
 SMO-5C
 SMO-5D

SRB-7A

SGL-2A
SG

HRL-3A
ELV-3A

MRL-4B
ELV-4B

ELV-4/5A

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY					
						Overall Width in mm		Overall Diameter in mm						Load Sect & Growth in mm	Static Load Rad in mm	2S tmph tkph	4S tmph tkph	6S tmph tkph	
						in	mm	in	mm										
18.00R25	RL-2F	E-2	N E	13.00-2.5	23.1 587	19.6 498	63.6 1615	21.5 546	28.9 734	330 205	263 1696	136.7 517.3	37 29	170 250	130 190				
	RL-3+	E-3	N E A		23.1 587	20.1 511	63.6 1615	21.7 551	29.2 742	329 204	248 1600	135.7 513.7	53 42	155 230	115 170	95 140			
	RL-4	E-4	N E		23.1 587	19.9 505	65.2 1656	21.8 554	29.8 757	322 200	271 1748	138.7 525.1	68 54	125 180	95 140	75 110			
	RL-4B	E-4	N		23.1 587	20.0 508	65.2 1656	21.8 554	28.7 730	322 200	271 1748	138.7 525.1	68 54	130 190	100 150	80 120			
	RL-4J	E-4	N A		23.1 587	20.3 516	65.4 1661	22.1 561	30.1 765	322 200	250 1613	137.1 518.9	68 54	130 190	100 150				
	RL-5K	L-5	N E		23.1 587	20.2 513	65.8 1671	21.9 557	30.6 776	319 198	349 2252	119.4 452.0	99 78						
	RL-5S	L-5S	N E		23.1 587	20.2 513	65.8 1671	21.9 557	30.6 776	319 198	349 2252	119.4 452.0	99 78						
	EV-3+	IND-3+	N E A		23.1 587	20.1 511	63.6 1615	21.7 551	29.2 742	329 204	248 1600	135.7 513.7	53 42						
	EV-4K	IND-4	N E		23.1 587	20.2 513	65.8 1671	21.9 557	30.6 776	319 198	349 2252	132.3 500.9	68 54						
	EV-4S	IND-4S	N E A		23.1 587	20.4 517	65.9 1674	21.9 557	28.9 735	319 198	350 2261	132.3 500.9	68 54						
	EV-5K	IND-5	E		23.1 587	20.2 513	65.8 1671	21.9 557	29.8 757	319 198	302 1948	132.1 500.0	99 78						
	EV-5S	IND-5S	N E		23.1 587	20.2 513	65.8 1671	21.9 557	30.6 776	319 198	327 2110	119.4 452.0	99 78						
	SM-5A	L-5S	E		23.1 587	20.2 513	65.8 1671	21.9 557	30.6 776	319 198	327 2110	119.4 452.0	99 78						
	18.00-25	SG	E-2	N	13.00-2.5	23.1 587	20.3 516	63.2 1605	22.4 569	28.8 732	327 203	279 1800	113.0 426.0	39 31		100 150			
HRL-3A		E-3	L E A		23.1 587	20.4 518	63.6 1615	22.5 572	29.3 744	321 199	274 1768	131.8 498.9	39 31	125 180	90 130				
HRL-4B(HRLXT8)		E-4	N L E A		23.1 587	20.3 516	65.2 1656	22.1 561	30.4 772	310 193	235 1516	122.2 462.6	70 56		80 120				
MRL-4B		E-4	L		23.1 587	20.3 516	65.2 1656	22.1 561	30.4 722	310 193	235 1516		74 59						
SMO-5A		L-5S	E																
SMO-5C		L-5S	N L A		23.1 587	20.6 523	65.6 1666	22.2 564	30.2 767	312 191	265 1710	119.0 450.3	100 79						
SMO-5D		L-5S	N L A		23.1 587	20.6 523	65.6 1666	22.2 564	30.2 767	312 191	265 1710	119.0 450.3	102 81						
SRB-7A		E-7	N A	10.00-1.5	23.1 587	20.3 516	61.3 1557	21.2 539	27.0 686	342 213	315 2032	114.0 432.0	16 13		160 230				
ELV-3A		IND-3	N L A	13.00-2.5	23.1 587	20.4 518	63.2 1605	22.5 572	29.3 744	321 199	274 1768	124.2 470.0	39 31						
ELV-4B		IND-4	N L A		23.1 587	20.8 529	65.8 1671	22.8 580	30.0 761	309 192	269 1732	122.2 462.6	69 55						
ELV-4/5A		IND-4	N		23.1 587	20.8 529	66.5 1689	24.0 609	28.9 733	312 191	334 2186		66 52						
ELV-5C		IND-5S	N		23.1 587	20.4 518	65.4 1661	22.8 580	30.1 765	311 190	265 1710		114 90						
ELV-5D		IND-5S	N A		23.1 587	20.4 518	65.4 1661	22.8 580	30.1 765	311 190	265 1710		106 84						
HRR-1A		E-1	N		23.1 587	20.5 521	63.8 1621	22.9 582	29.2 742	323 201	233 1503		39 31	145 210	100 150				
EAW-7A	E-7	N		23.1 587	20.2 513	63.2 1605	22.5 572	28.5 724	330 205	282 1820		22 17							
AMS-4/5A	L-4	N		23.1 587	20.1 511	66.3 1684	23.0 584	30.2 767	312 194	294 1897		69 55				^45 70			

Italicized sizes (light type) not currently in line this location.
 Sizes in bold type can be obtained in locations in bold.
 Extended lead time may be needed in other locations.

In Line: N = North America E = Europe / Africa / Mid East
 L = Latin America A = Asia / Australia

(1) See Page 21 for Picture and Page 22 for Load Tables
 (2) See Page 17 for Picture

^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76	80	83	102
BIAS	KPA	275	300	325	350	375	400	425	450	475	500	525	550	575	700
18.00-25	LBS	12300(16)	13200	13900	14300(20)	15200	15700	16100(24)	16500	17100	17600(28)	18200	18700	19300(32)	21500(40)
	KG	5600(16)	6000	6300	6500(20)	6900	7100	7300(24)	7500	7750	8000(28)	8250	8500	8750(32)	9750(40)
RADIAL	PSI	65	69	73	76	80	83	87	91	94	98	102			
	KPA	450	475	500	525	550	575	600	625	650	675	700			
18.00R25	LBS	14800	15700*	16100	16500	17100	17600	18200	18700	19300	19800	20400**			
	KG	6700	7100*	7300	7500	7750	8000	8250	8500	8750	9000	9250**			

25 MPH (40 KM/H) MAXIMUM SPEED OFF-THE-ROAD TRACTOR AND GRADER SERVICE

	PSI	25	29	33	36										
BIAS	KPA	175	200	225	250										
18.00-25	LBS	8550	9100(12)	9900	11000(16)										
	KG	3875	4125(12)	4500	5000(16)										
RADIAL	PSI	36	40	44	47	51	54								
	KPA	250	275	300	325	350	375								
18.00R25	LBS	9650	10500	11000	11700	12300*	13200								
	KG	4375	4750	5000	5300	5600*	6000								

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	69	73	76	80	83	87	91	94	98	102	105	109	112		
BIAS	KPA	475	500	525	550	575	600	625	650	675	700	725	750	775	Continued	
18.00-25	LBS	25400(20)	26000	26800	27600(24)	28300	29100	30000	30000(28)	30900	32000	32000	33100(32)	33100		
	KG	11500(20)	11800	12150	12500(24)	12850	13200	13600	13600(28)	14000	14500	14500	15000(32)	15000		
	PSI	116	120	123	127	131	134	138								
	KPA	800	825	850	875	900	925	950								
	LBS	34200	35300	35300(36)	36400	36400	37500	37500(40)								
	KG	15500	16000	16000(36)	16500	16500	17000	17000(40)								
RADIAL	PSI	76	80	83	87	91	94	98	102	105	109	112	116	120	131	
	KPA	525	550	575	600	625	650	675	700	725	750	775	800	825	900	
18.00R25	LBS	24700	26000*	26800	27600	28300	29100	30000	30900	32000	33100	33100	34200	35300**	37500***	
	KG	11200	11800*	12150	12500	12850	13200	13600	14000	14500	15000	15000	15500	16000**	17000***	

For 18.00-25 Sand Service Loads & Inflations See Page 22.

CONVENTIONAL SIZE

DIMENSIONAL DATA

RADIAL

BIAS



SR-7A

SGL D/L-2A

ELV-3A
HRL-3A

SRB-7A

SMO-5A
ELV-5A

Size	Type	Ind Code	Current In Line Location		Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY		
							Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S tmph tkph	4S tmph tkph	6S tmph tkph
61X18.00-25	R Tow Sv	IND-3	N	A	13.00-2.5		19.4 493	61.6 1565	21.3 541	28.0 711	336 209	293 1890	40 32	150 219			
21.00-25	SRB-7A	E-7	N	E	15.00-3.0	26.3 668	23.6 599	66.9 1699	25.5 648	29.3 744	325 202	294 1897	206.0 781.0	33 26		185 270	
	SMO-5A	L-5S	N	A		26.3 668	22.8 579	69.0 1753	24.8 630	31.9 810	295 183	336 2168	140.2 530.9	125 99		^40 ^60	
	SMO-5C	L-5S	N	A		26.3 668	22.8 579	69.0 1753	24.8 630	31.9 810	295 183	336 2168	140.2 530.9	125 99		^40 ^60	
	ELV-3A	IND-3	N	A		26.3 668	24.0 609	69.5 1766	27.0 685	30.8 783	297 185	323 2084	174.0 658.0	44 35			
	ELV-5A	IND-5	N	A		26.3 668	22.8 579	69.0 1753	24.8 630	31.9 810	295 183	336 2168	140.2 530.9	125 99			
	SGL-2A	E-2	N	A		26.3 668	23.9 607	66.7 1694	26.5 673	29.7 754	316 196	370 2387	152.0 576.0	41 33		140 200	
	HRL-3A	E-3	N	A		26.3 668	23.6 599	69.4 1763	26.1 663	31.7 805	297 185	323 2084	174.0 658.0	44 35			
21.00R25	SR-7A	E-7	N	A	15.00-3.0	26.3 688	23.7 604	68.9 1750	26.4 672	31.0 787	305 190	304 1963	207.2 784.5	33 27			
22-25	SGL D/L-2A	L-2/G-2	N	A	14.00-1.5		21.7 551	53.9 1370	23.0 584	24.0 610	396 246	315 2032		31 24		^60 ^90	
23/90-25	SMO-5C	L-5S	N	A	15.00-2.5		22.8 579	65.5 1664	24.8 630	30.2 767	312 191	305 1968		114 90			

Italicized sizes (light type) not currently in line this location.
 Sizes in bold type can be obtained in locations in bold.
 Extended lead time may be needed in other locations.

In Line: **N** = North America **E** = Europe / Africa / Mid East
L = Latin America **A** = Asia / Australia

^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	
BIAS	KPA	275	300	325	350	375	400	425	450	475	500	
21.00-25	LBS	16100	17100	17600	18700	19300(24)	19800	20900(28)	21500	22000	22700(32)	
	KG	7300	7750	8000	8500	8750(24)	9000	9500(28)	9750	10000	10300(32)	
BIAS	PSI	25	29	33	36							
	KPA	175	200	225	250							
22-25	LBS	7940(12)			9660(16)							
	KG	3600(12)			4380(16)							
RADIAL	PSI	65	69	73	76	80	83	87	91	94	98	102
	KPA	450	475	500	525	550	575	600	625	650	675	700
21.00R25	LBS	19800	20400*	20900	22000	22700	23400	24000	25400	26000	26800	27600**
	KG	9050	9250*	9500	10000	10300	10600	10900	11500	11800	12150	12500**

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	116	120	123	127	131	134	138	141	145	149	152			
BIAS	KPA	800	825	850	875	900	925	950	975	1000	1025	1050			
61X18.00-25	LBS	33100	33100	34200	34200	35300	35300	36480	36480	37500	37500	38600(44)			
	KG	15000	15000	15500	15500	16000	16000	16500	16500	17000	17000	17500(44)			
BIAS	PSI	73	78	80	83	87	91	94	98	102	105	109	112	116	120
	KPA	500	525	550	575	600	625	650	675	700	725	750	775	800	825
21.00-25	LBS	33100(24)	34200	35300	36400(28)	37500	37500	38600(32)	39700	40800	41900(36)	43000	43000	44100	45400(40)
	KG	15000(24)	15500	16000	16500(28)	17000	17000	17500(32)	18000	18500	19000(36)	19500	19500	20000	20600(40)
23/90-25	LBS	29100	30000	30900	32000(30)	32000	33100	34200	35300(36)						
	KG	13200	13600	14000	14500(30)	14500	15000	15500	16000(36)						
BIAS	PSI	36	40	44	47	51	54								
	KPA	250	275	300	325	350	375								
22-25	LBS	13850	14600(12)	15350	16100	16850	17600(16)								
	KG	6375	6700(12)	7025	7350	7675	8000(16)								
RADIAL	PSI	80	83	87	91	94	98	102	105	109	112	116	120		131
	KPA	550	575	600	625	650	675	700	725	750	775	800	825		900
21.00R25	LBS	33100*	34200	35300	36400	37500	38600	39700	40800	41900	43000	44100	45400**		48100***
	KG	15000*	15500	16000	16500	17000	17500	18000	18500	19000	19500	20000	20600**		21800***

40 MPH (65 KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
18.00-25	LBS	4940	5840	6610	7390	8050	8820	9370	9920
	KG	2240	2650	3000	3350	3650	4000	4250	4500
21.00-25	LBS	6390	7610	8540	9650	10470	11350	12020	12790
	KG	2900	3450	3875	4375	4750	5150	5450	5800

CONVENTIONAL SIZE

RADIAL

DIMENSIONAL DATA

BIAS



Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS				LOADED DIMENSIONS				Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY												
						Overall Width in mm		Overall Diameter in mm		Load Sect & Growth in mm	Static Load Rad in mm	Tmph	Tkph					Tmph	Tkph	Tmph	Tkph									
						in	mm	in	mm																					
18.00R33	RL-3+ GP-4C #	E-3	N E A	13.00-2.5	23.1	587	19.5	495	71.8	1824	21.9	556	33.1	841	293	182	295	1903	160.6	607.9	53	42	180	260	135	200	110	160		
	RT-4A	E-4	E A		23.1	587	20.2	513	73.2	1858	22.2	564	32.7	831	287	178	308	1984	175.0	662.0	70	56	170	245	125	180	94	140		
	RL-4B	E-4	N E A		23.1	587	20.0	507	73.2	1858	22.2	564	32.7	831	287	178	310	1997	175.0	662.0	68	54	155	230	120	175	90	130		
	RL-4F	E-4	N E A		23.1	587	20.2	513	73.6	1868	22.6	574	34.0	864	285	177	302	1949	160.7	608.2	59	47	140	200	105	150	85	120		
	RL-4H	E-4	N E A		23.1	587	19.7	501	73.7	1871	22.2	563	34.1	866	285	177	290	1870	154.7	585.7	68	54	155	230	120	175	90	130		
	RL-4J	E-4	N E A		23.1	587	19.7	501	73.7	1871	22.2	563	34.1	866	285	177	290	1870	154.7	585.7	68	54	155	230	120	175	90	130		
	EV-4J #	IND-4	N E E		23.1	587	20.2	513	73.8	1875	22.6	574	34.1	866	285	177	440	2841	154.8	586.0	67	53								
	EV-3+	IND-3+	N E E		23.1	587	19.5	495	72.5	1824	21.9	556	33.1	841	293	182	295	1903	160.6	607.9	53	42								
	EV-S4S	IND-4S	N E E		23.1	587	20.6	524	73.5	1868	21.7	551	31.8	808	288	179	430	2773			68	54								
	EV-S5S	IND-5S	N E E		23.1	587	20.2	513	73.7	1873	22.7	574	32.7	831	285	177	396	2555			117	93								
	RL-2F	E-2	N E A		23.1	587	19.5	495	71.7	1821	21.7	551	32.8	833	293	182	290	1871	159.5	603.7	37	29	200	290	150	220				
	RL-4	E-4	N E A		23.1	587	20.2	513	73.0	1854	21.7	551	33.6	853	288	179	296	1910	164.3	621.8	68	54	150	220	115	170	90	130		
	EV-4S	N	N		23.1	587	19.5	495	71.8	1824	21.9	556	33.1	841	293	182	295	1903	160.6	607.9	68	54								
	18.00-33	HRL-4B	E-4		N L A	13.00-2.5	23.1	587	20.3	516	73.4	1864	22.2	564	34.4	874	273	170	270	1742	146.1	553.0	70	56			100	150	85	120
ELV-4B		IND-4	N L A	23.1	587		20.3	516	73.4	1864	22.2	564	34.4	874	273	170	270	1742	146.1	553.0	70	56								
HRL-3A		E-3	N L A	23.1	587		20.4	518	71.9	1826	22.5	572	33.4	848	282	175	287	1852	148.6	562.5	39	31	150	220	110	160				
ELV-3A		E-3	N	23.1	587		20.4	518	71.9	1826	22.5	572	33.4	848	282	175	287	1852	148.6	562.5	39	31								
21.00R33	RL-4B	E-4	N E A	15.00-3.0	26.3	667	23.6	599	78.4	1991	26.8	681	36.0	914			350	2258			68	54	205	300	160	230	127	190		
21.00R35	RL-2F	E-2	N	15.00-3.0	27.6	701	22.9	582	78.4	1991	25.2	640	35.9	912	268	167	380	2452	224.4	849.5	40	32	275	400	210	300				
	RL-3+	E-3	N E		27.6	701	23.1	587	79.3	2014	25.7	653	36.3	922	265	165	362	2336	231.7	877.1	56	44	245	360	185	270	145	200		
	RL-4B #	N	N		27.6	701	23.6	599	80.2	2036	26.4	670	35.8	908	262	163	399	2579	250.0	496.0	70	56								
	RL-4F	E-4	N E A		27.6	701	23.3	592	80.9	2055	26.1	664	36.9	937	260	162	380	2450	231.7	877.1	68	54	200	290	150	220	120	180		
	RL-4J/4J II	E-4	N E A		27.6	701	23.2	590	80.4	2042	26.7	678	37.0	940	261	162	367	2368	239.5	906.6	68	54	215	310	165	240	130	190		
RL-4H/4H II	E-4	N	N	27.6	701	23.2	590	80.4	2042	26.7	678	37.0	940	261	162	367	2368	242.8	919.1	68	54	215	310	165	240	130	190			
21.00-35	HRL-4B	E-4	N L A	15.00-3.0	27.6	701	24.0	610	80.2	2037	26.2	665	37.2	945	253	157	366	2361	213.1	806.6	70	56	180	260	130	190	110	160		
	ELV-4B	IND-4	N		27.6	701	24.0	610	80.2	2037	26.2	665	37.2	945	253	157	366	2361	213.1	806.6	70	56								
	ELV-4S	IND-4	N		27.6	701	23.8	605	80.1	2035	26.2	665	37.2	945	253	157	366	2361			76	60								
	MRL-4B	E-4	N		27.6	701	23.8	605	80.1	2035	26.2	665	37.2	945	253	157	366	2361			76	60			115	170				
	HRL-3A	E-3	N		27.6	701	23.6	599	78.6	1996	26.0	660	36.5	927	258	160	363	2342	198.0	749.0	44	35	200	290	145	210				

Estimated Data

Italicized sizes (light type) not currently in line this location.

Sizes in bold type can be obtained in locations in bold.

Extended lead time may be needed in other locations.

In Line: N = North America
L = Latin America

E = Europe / Africa / Mid East
A = Asia / Australia

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76	80	83	87	91
BIAS	KPA	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625
18.00-33	LBS	14300	15200	16100	16500	17600	18200	18700(24)	19300	19800	20400(28)	21500	22000	22700(32)	22700	23400(36)
	KG	6500	6900	7300	7500	8000	8250	8500(24)	8750	9000	9250(28)	9750	10000	10300(32)	10300	10600(36)
30.00-33	LBS		37500	39700	41900	43000	44100	46700(40)	48100	49400	50700					
	KG		17000	18000	19000	19500	20000	21200(40)	21800	22400	23000					
21.00-35	LBS	19300	19800	20900	22000	22700	24000	24700(28)	25400	26000	26800(32)	27600	28300(36)			
	KG	8750	9000	9500	10000	10300	10900	11200(28)	11500	11800	12150(32)	12500	12850(36)			
	PSI	65	69	73	76	80	83	87	91	94	98	102				
RADIAL	KPA	450	475	500	525	550	575	600	625	650	675	700				
18.00R33	LBS	17100	17600*	18700	19300	19800	20400	21500	22000	22700	23400	24000**				
	KG	7750	8000*	8500	8750	9000	9250	9750	10000	10300	10600	10900**				
21.00R33	LBS	22000	22700*	24000	24700	25400	26000	27600	28300	29100	30000	30900**				
	KG	10000	10300*	10900	11200	11500	11800	12500	12850	13200	13600	14000**				
21.00R35	LBS	22700	23400*	24700	25400	26000	26800	28300	29100	30000	30900	32000**				
	KG	10300	10600*	11200	11500	11800	12150	12850	13200	13600	14000	14500**				

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	69	73	76	80	83	87	91	94	98	102	105	109	120	
BIAS	KPA	475	500	525	550	575	600	625	650	675	700	725	750	825	
18.00-33	LBS	29100	30000	30900	32000(24)	33100	33100	34200	35300(28)	36400	36400	37500	38600(32)	40800(36)	
	KG	13200	13600	14000	14500(24)	15000	15000	15500	16000(28)	16500	16500	17000	17500(32)	18600(36)	
21.00-35	LBS	38600	39700	40800	41900	43000(28)	44100	45400	46700(32)	46700	48100	49400	50700(36)	53600(42)	
	KG	17500	18000	18500	19000	19500(28)	20000	20600	21200(32)	21200	21800	22400	23000(36)	24000(42)	
	PSI	76	80	83	87	91	94	98	102	105	109	112	116	120	131
RADIAL	KPA	525	550	575	600	625	650	675	700	725	750	775	800	825	900
18.00R33	LBS	29100	30000*	30900	32000	33100	34200	35300	36400	36400	37500	38600	39700	40800**	43000***
	KG	13200	13600*	14000	14500	15000	15500	16000	16500	16500	17000	17500	18000	18500**	19500***
21.00R33	LBS	37500	38600*	39700	40800	41900	43000	44100	45400	46700	48100	49400	50700	52000**	
	KG	17000	17500*	18000	18500	19000	19500	20000	20600	21200	21800	22400	23000	23600**	
21.00R35	LBS	38600	39700*	40800	41900	43000	44100	45400	46700	48100	49400	50700	52000	53600**	
	KG	17500	18000*	18500	19000	19500	20000	20600	21200	21800	22400	23000	23600	24300**	

CONVENTIONAL SIZE

RADIAL

DIMENSIONAL DATA

BIAS



Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS				LOADED DIMENSIONS				Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY												
						Overall Width in mm		Overall Diameter in mm		Load Sect & Growth in mm		Static Load Rad in mm					Revol Per mi km	2S tmph tkph	4S tmph tkph	6S tmph tkph									
						in	mm	in	mm	in	mm	in	mm																
24.00R35	<i>RL-2F</i>	<i>E-2</i>	<i>N</i>	17.00-3.5	31.3 795	26.2	665	83.5	2121	28.8	732	37.9	963	252	156	480	3097	300.4	1136.8	46	37	335	490	255	370				
	RL-3+	E-3	N E			31.3	795	25.9	658	84.0	2134	29.1	739	38.2	970	250	155	465	3001	310.7	1176.2	60	48	300	440	230	340	180	260
	RL-4B	E-4	N			31.3	795	26.9	683	86.4	2205	30.5	774	39.3	998	243	151	531	3428	300.0	1136.0	72	57	270	390	205	300	160	230
	<i>RL-4F</i>	<i>E-4</i>	<i>N E</i>			31.3	795	27.5	699	86.0	2184	30.5	775	39.2	996	244	152	480	3097	333.9	1263.8	72	57	245	360	185	270	145	210
	RL-4H II	E-4	N E A			31.3	795	27.2	691	86.2	2190	30.1	765	39.5	1003	244	152	477	3077	332.9	1260.2	71	56	270	390	205	300	160	230
	RL-4J/4J II	E-4	N E			31.3	795	27.2	691	86.2	2190	30.1	765	39.5	1003	244	152	477	3077	332.9	1260.2	71	56	270	390	205	300	160	230
	RT-4A+	E-4	N E			31.3	795	26.6	676	85.6	2174	29.6	752	38.0	965	245	153	582	3754	300.0	1136.0	90	71	325#	460#	240#	350#	188#	280#
24.00-35	HRL-4B	E-4	N L A	17.00-3.5	31.3 795	26.7	678	86.0	2184	29.2	742	39.7	1008	237	147	439	2832	223.3	843.0	73	58			160	230				
	MRL-4B	E-4	N A			31.3	795	26.3	668	86.4	2205	29.2	742	39.7	1008	237	147	468	3019	270.2	1022.6	87	69	140	200				
	<i>HRL-3A</i>	<i>E-3</i>	<i>N</i>			31.3	795	26.6	676	84.5	2146	29.4	747	38.7	983	243	151	457	2949	240.0	910.0	49	39	175	260				
<i>24.00-43</i>	<i>HRL-4B</i>	<i>E-4</i>	<i>N</i>	17.00-3.5	31.3 795	26.6	676	94.1	2390	29.3	744	43.6	1107	217	135	520	3355	338.0	1279.0	73	58			185	270				
<i>18.00-49</i>	<i>HRL-3A</i>	<i>E-3</i>	<i>N</i>	13.00-2.75	24.2 615	20.2	513	88.0	2235	22.7	577	41.2	1046	228	142	338	2181	205.0	778.0	39	31			130	190				
	<i>HRL-4B</i>	<i>E-4</i>	<i>N</i>			20.0	508	90.1	2289	22.4	569	42.3	1074	42.3	1074	224	139	328	2116	188.0	710.0	70	56			115	170		
<i>21.00-49</i>	<i>HRL-3B</i>	<i>E-3</i>	<i>N</i>	15.00-3.0	27.6 701	23.6	599	93.2	2367	26.5	673	43.3	1100	210	131	453	2923	251.0	950.0	46	37			170	250				
	<i>HRL-4B</i>	<i>E-4</i>	<i>N</i>			23.4	594	94.5	2400	25.9	658	44.2	1123	213	132	429	2768	247.0	935.0	70	56			160	230				

Estimated Data
 Italicized sizes (light type) not currently in line this location.
 Sizes in bold type can be obtained in locations in bold.
 Extended lead time may be needed in other locations.

In Line: **N** = North America **E** = Europe / Africa / Mid East
L = Latin America **A** = Asia / Australia

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76	80	83
BIAS	KPA	275	300	325	350	375	400	425	450	475	500	525	550	575
24.00-35	LBS	24700	26000	26800	28300	29100	30900(30)	32000	33100	34200(36)	34200	35300	36400	37500(42)
	KG	11200	11800	12150	12850	13200	14000(30)	14500	15000	15500(36)	15500	16000	16500	17000(42)
BIAS	PSI	65	69	73	76	80	83	87	91	94				
	KPA	450	475	500	525	550	575	600	625	650				
24.00-43	LBS	36400	37500(36)	38600	39700	40800	41900(42)	43000	44100	45400				
	KG	16500	17000(36)	17500	18000	18500	19000(42)	19500	20000	20600				
BIAS	PSI	40	44	47	51	54	58	62	65	69	73	76	80	83
	KPA	275	300	325	350	375	400	425	450	475	500	525	550	575
18.00-49	LBS	18200	19300	20400	20900	22000	22700	23400(24)	24700	25400	26000(28)	26800	27600	28300(32)
	KG	8250	8750	9250	9500	10000	10300	10600(24)	11200	11500	11800(28)	12150	12500	12850(32)
21.00-49	LBS	23400	24000	25400	26800	28700	29100	30000	30900	32000	33100(32)	34200	34200(36)	34200(36)
	KG	10600	10900	11500	12150	12500	13200	13600	14000	14500	15000(32)	15500	15500(36)	15500(36)
RADIAL	PSI	65	69	73	76	80	83	87	91	94	98	102		
	KPA	450	475	500	525	550	575	600	625	650	675	700		
24.00R35	LBS	29100	30000*	30900	32000	34200	35300	36400	37500	38600	39700	40800**		
	KG	13200	13600*	14000	14500	15500	16000	16500	17000	17500	18000	18500**		

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	69	73	76	80	83	87	91	94	98	102	105	109		
BIAS	KPA	475	500	525	550	575	600	625	650	675	700	725	750		
24.00-35	LBS	49400	50700	52000(30)	53600	55100	56800	58400	58400(36)	60000	61500	64000	64000(42)		
	KG	22400	23000	23600(30)	24300	25000	25750	26500	26500(36)	27250	28000	29000	29000(42)		
18.00-49	LBS	37500	38600	39700	40800(24)	41900	41900	43000	44100(28)	45400	46700	46700	48100(32)		
	KG	17000	17500	18000	18500(24)	19000	19000	19500	20000(28)	20600	21200	21200	21800(32)		
21.00-49	LBS	46700	48100	49400	50700	52000	53600	55100	55100(32)	56800	58400	60000	60000(36)		
	KG	21200	21800	22400	23000	23600	24300	25000	25000(32)	25750	26500	27250	27250(36)		
RADIAL	PSI	76	80	83	87	91	94	98	102	105	109	112	116	120	
	KPA	525	550	575	600	625	650	675	700	725	750	775	800	825	
24.00R35	LBS	48100	50700*	53600	55100	56800	58400	60000	61500	64000	64000	66000	66000	68000**	74000***
	KG	21800	23000*	24300	25000	25750	26500	27250	2800	29000	29000	30000	30000	30750**	33600***

CONVENTIONAL SIZE

RADIAL



DIMENSIONAL DATA

BIAS

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY															
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S tmph tkph	4S tmph tkph	6S tmph tkph													
24.00R49	RL-4	E-4	N	17.00-3.5	31.3 795	27.2	681	98.8	2509	29.2	742	45.2	1148	213	132	590	3807	382.1	1444.3	72	57	190	280						
	<i>RL-4B #</i>	<i>E-4</i>	<i>N</i>			27.0	685	100.2	2543	30.6	777	45.2	1148	210	130	615	3968	400.0	1514.0	73	58								
	RL-4J	E-4	N A			27.3	693	100.2	2545	30.6	777	46.0	1163	210	130	586	3781	403.7	1528.0	73	58			320	470	245	360		
	RL-3+	E-3	N A			26.4	671	97.7	2482	29.1	739	44.6	1133	215	134	581	3748	370.2	1401.1	60	48			280	410				
24.00-49	HRL-4B	E-4	N L A	17.00-3.5	31.3 795	26.2	665	100.1	2543	29.4	747	46.3	1176	203	126	526	3394	330.5	1251.0	73	58	190	280						
	MRL-4B	E-4	N L			26.5	673	100.1	2543	29.4	747	46.3	1176	203	126	526	3394			87	69			165	240				
	MRL-4D	E-4	L A			27.5	699	100.7	2558			47.8	1214							92	73			234	340	175	260		
	HRL-3B	E-3	N A			26.4	671	98.7	2507	29.7	754	45.3	1151	208	129	573	3697	346.0	1309.7	50	40			200	290				
27.00R49	GP-2B	E-2/3	N A	19.50-4.0	35.1 893	29.5	749	104.3	2648	33.6	853	47.6	1209	205	127	730	4710			52	41	410	600						
	RL-4	E-4	N			29.4	747	105.1	2670	33.6	853	47.9	1217	200	124	694	4477	525.3	1988.3	80	64			400	580	305	445		
	RL-4A	E-4	N A			29.9	760	106.5	2705			48.8	1240					529.5	2004.4	82	65			350	510	270	394	210	306
	<i>RL-4B</i>	<i>E-4</i>	<i>N</i>			30.2	767	106.4	2703	34.2	868	47.8	1214	198	123	756	4879	550.0	2082.0	80	64			375	550	290	420	225	330
	RL-4J/4J II	E-4	N A			29.6	752	106.3	2700	33.4	848	48.7	1237	198	123	704	4543	529.5	2004.4	81	64			340	500	275	400	165	240
	RL-4H	E-4	N A			29.6	752	106.3	2700	33.4	848	48.7	1237	198	123	704	4543	529.5	2004.4	81	64			310	450	240	350	144	210
	RT-4A+	E-4	N			29.3	744	106.2	2698	33.0	839	47.7	1211	198	123	787	5079	525.0	1987.0	95	75			390	570	300	440	235	340
	RL-3+	E-3	N A			29.6	752	104.2	2647	33.3	846	47.4	1204	202	126	694	4477	506.0	1915.3	67	53			375	550	310	450	185	270
	GP-4B	E-4	N A			29.9	760	106.5	2705			48.8	1240					529.5	2004.4	82	65								
27.00-49	HRL-4B	E-4	N L A	19.50-4.0	35.1 893	29.2	742	105.9	2690	33.1	841	48.4	1229	191	119	645	4162	430.4	1629.2	85	67	315	460						
	MRL-4D	E-4	L			29.7	754	105.7	2685	33.1	841	49.6	1260	196	122	639	4124	430.4	1629.2	95	75			190	280				
	<i>HRL-3B</i>	<i>E-3</i>	<i>N L</i>			29.0	737	103.9	2639	32.2	818	47.9	1217	195	121	642	4142	430.0	1629.0	55	44			260	380				
	<i>MRL-4F</i>	<i>E-4</i>	<i>N</i>			29.3	744	105.7	2685	33.2	843	48.8	1240	191	119	700	4516	450.6	1705.7	86	68								
	<i>SHY-7A</i>	<i>E-7</i>	<i>N</i>			29.6	752	102.9	2614	32.7	831	47.2	1199	198	123	718	4633			44	35			325	470				

Estimated Data
 Italicized sizes (light type) not currently in line this location.
 Sizes in bold type can be obtained in locations in bold.
 Extended lead time may be needed in other locations.

In Line: N = North America E = Europe / Africa / Mid East
 L = Latin America A = Asia / Australia

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	47	51	54	58	62	65	69	73	76	80	83	87	91	94
BIAS	KPA	325	350	375	400	425	450	475	500	525	550	575	600	625	650
24.00-49	LBS	32000	34200	35300	36400(30)	37500	39700	40800(36)	41900	43000	44100	45400(42)	46700	48100	48100(48)
	KG	14500	15500	16000	16500(30)	17000	18000	18500(36)	19000	19500	20000	20600(42)	21200	21800	21800(48)
27.00-49	LBS	39700	41900	43000	45400	46700(36)	41800	49400	50700(42)	52000	53600	55100(48)			
	KG	18000	19000	19500	20600	21200(36)	21800	22400	23000(42)	23600	24300	25000(48)			
RADIAL	PSI	65	69	73	76	80	83	87	91	94	98	102			
	KPA	450	475	500	525	550	575	600	625	650	675	700			
24.00R49	LBS	34200	36480*	37500	38600	40800	41900	43000	44100	45400	46700	48100**			
	KG	15500	16500*	17000	17500	18500	19000	19500	20000	20600	21200	21800**			
27.00R49	LBS	43000	44100*	45400	48100	49400	50700	52000	55100	56800	58400	60000**			
	KG	19500	20000*	20600	21800	22400	23000	23600	25000	25750	26500	27250**			

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	69	73	76	80	83	87	91	94	98	102	105	109	112	123
BIAS	KPA	475	500	525	550	575	600	625	650	675	700	725	750	775	850
24.00-49	LBS	58400	60000	61500(30)	64000	66000	68000	69500	71500(36)	71500	74000	76000	76000(42)		82700(48)
	KG	26500	27250	28000(30)	29000	30000	30750	31500	32500(36)	32500	33500	34500	34500(42)		37500(48)
27.00-49	LBS	71500	74000	76000	78500	80500(36)	82500	85500	88000	88000(42)	91000	93500	93500	96500(48)	
	KG	32500	33500	34500	35500	36500(36)	37500	38750	40000	40000(42)	41250	42500	42500	43750(48)	
RADIAL	PSI	76	80	83	87	91	94	98	102	105	109	112	116	120	
	KPA	525	550	575	600	625	650	675	700	725	750	775	800	825	
24.00R49	LBS	58400	60000*	61500	64000	66000	68000	69500	71500	74000	76000	78500	80500	82500**	
	KG	26500	27250*	28000	29000	30000	30750	31500	32500	33500	34500	35500	36500	37500**	
27.00R49	LBS	71500	74000*	76000	78500	82500	85500	85500	88000	91000	93500	96500	99000	99000**	
	KG	32500	33500*	34500	35500	37500	38750	38750	40000	41250	42500	43750	45000	45000**	

CONVENTIONAL SIZE

RADIAL



RL-3J

GP-4B

RL-4C

RL-4H
RL-4H II

RL-4J II

HRL-4B
MRL-4B

DIMENSIONAL DATA

BIAS

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY			
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S tmph tkph	4S tmph tkph	6S tmph tkph	
30.00-51	HRL-4B MRL-4B	E-4 E-4	N L A	22.00-4.5	39.1 993 39.1 993	33.1 841	113.3 2878	37.0 940	51.9 1318	180 112	867 5594	594.9 2248.7	98 78		265 390		
						33.0 838	114.3 2903	37.0 940	51.9 1318	180 112	867 5594	580.6 2197.7	109 87	245 360			
30.00R51	RL-4H RL-4J II	E-4 E-4	N N	22.00-4.5	39.1 993 39.1 993	33.7 856	115.6 2936	38.3 973	52.5 1334	182 113	856 5524	734.5 2776.4	88 70	410 600	310 450	185 270	
						34.0 864	115.1 2924	38.3 973	52.5 1334	182 113	856 5524	734.8 2781.2	88 70	410 600	310 450	185 270	
33.00-51	HRL-4B	E-4	N L	A	24.00-5.0	42.3 1074	120.2 3053	40.0 1016	54.7 1389	171 106	965 6226	650.0 2460.3	104 83		300 440		
33.00R51	GP-4B	E-4		A	24.00-5.0	42.3 1074	37.1 942	120.6 3063	41.9 1064	54.7 1389	173 107	1014 6542	881.1 3334.9				
	RL-4C	E-4		A	24.00-5.0	42.3 1074	37.1 942	120.6 3063	41.9 1064	54.7 1389	173 107	1014 6542	881.1 3334.9				
	RL-4H	E-4	N	A	24.00-5.0	42.3 1074	36.7 932	120.6 3063	41.4 1052	54.4 1382	174 108	975 6290	897.4 3396.7	95 76	445 650	340 500	205 300
	RL-4H II	E-4	N	A	24.00-5.0	42.3 1074	37.1 942	120.6 3063	41.9 1064	54.7 1389	173 107	1014 6542	897.4 3396.7	95 76	490 715	370 540	220 320
	RL-3J	E-3	N	A	24.00-5.0	42.3 1074	36.5 927	118.7 3015	41.6 1057	53.7 1364	177 110	970 6258	892.7 3378.8	63 50	620 900	480 700	290 430
	RL-4J II	E-4	N	A	24.00-5.0	42.3 1074	37.1 942	120.6 3063	41.9 1064	54.7 1389	173 107	1014 6542	881.1 3334.9	95 76	445 650	340 500	205 300

Italicized sizes (light type) not currently in line this location.
 Sizes in bold type can be obtained in locations in bold.
 Extended lead time may be needed in other locations.

In Line: **N** = North America
L = Latin America

E = Europe / Africa / Mid East
A = Asia / Australia

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76	80	83
BIAS	KPA	275	300	325	350	375	400	425	450	475	500	525	550	575
30.00-51	LBS	44100	46700	49400	50700	53600	55100	56800	60000	61500	64000(46)	64000	66000(52)	
	KG	20000	21200	22400	23000	24300	25000	25750	27250	28000	29000(46)	29000	30000(52)	
33.00-51	LBS	52000	53600	56800	60000	61500	64000	66000	69500	71500	74000(50)	76000	78500	78500(58)
	KG	23600	24300	25750	27250	28000	29000	30000	31500	32500	33500(50)	34500	35500	35500(58)
RADIAL	PSI	65	69	73	76	80	83	87	91	94	98	102		
	KPA	450	475	500	525	550	575	600	625	650	675	700		
30.00R51	LBS	52000	55100*	56800	58400	61500	64000	66000	68000	69500	71500	74000**		
	KG	23600	25000*	25750	26500	28000	29000	30000	30750	31500	32500	33500**		
33.00R51	LBS	60000	64000*	66000	68000	71500	74000	76000	78500	80500	82500	85500**		
	KG	27250	29000*	30000	30750	32500	33500	34500	35500	36500	37500	38750**		

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	69	73	76	80	83	87	91	94	98	102	105	109	
BIAS	KPA	475	500	525	550	575	600	625	650	675	700	725	750	
30.00-51	LBS	88000	91000	93500	96500	99000	102000	104500	107500(46)	110000	113500	113500	117000(52)	
	KG	40000	41250	42500	43750	45000	46250	47500	48750(46)	50000	51500	51500	53000(52)	
33.00-51	LBS	104500	107500	110000	113500	117000	120000	120000	123500(50)	128000	128000	132500	135500(58)	
	KG	47500	48750	50000	51500	53000	54500	54500	56000(50)	58000	58000	60000	61500(58)	
RADIAL	PSI	76	80	83	87	91	94	98	102	105	109	112	116	120
	KPA	525	550	575	600	625	650	675	700	725	750	775	800	825
30.00R51	LBS	88000	91000*	93500	99000	100000	104500	107500	110000	113500	117000	120000	120000	123500**
	KG	40000	41250*	42500	45000	46250	47500	48750	50000	51500	53000	54500	54500	56000**
33.00R51	LBS	102000	107500*	110000	113500	117000	120000	123500	128000	132500	132500	139000	139000	143500**
	KG	46250	48750*	50000	51500	53000	54500	56000	58000	60000	60000	63000	63000	65000**

40 MPH (65 KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
36.00-51	LBS	24700	29100	33100	37500	40800	44100	46700	50700
	KG	11200	13200	15000	17000	18500	20000	21200	23000

CONVENTIONAL SIZE

RADIAL



RL-3
RL-3+



GP-4C



RL-3A
RL-4A
RL-4B
RL-4C



RL-4H
RL-4H II



RL-4J II



RL-4M+

DIMENSIONAL DATA

BIAS



HRL-3B
HRL-4B
MRL-4B
HRL-4D



SRB-7A

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY															
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S		4S		6S											
														tmph	tkph	tmph	tkph	tmph	tkph										
36.00R51	RL-3	E-3	N	A	26.00-5.0	46.6	1184	39.7	1008	125.0	3175	45.1	1146	56.2	1427	163	104	1156	7459	1075.3	4070.1	108	85	515	750	445	650	270	390
	RL-4H	E-4	N	A		46.6	1184	40.6	1031	128.4	3260	45.7	1161	57.8	1468	164	102	1168	7535	1134.7	4294.8	108	85	515	750	445	650	270	390
	RL-4J II	E-4	N	A		46.6	1184	40.8	1036	128.4	3261	46.0	1168	57.8	1468	164	102	1168	7535	1134.7	4294.8	108	85	515	750	445	650	270	390
	RL-3+	E-3	N	A		46.6	1184	39.7	1008	125.0	3175	45.1	1146	56.2	1427	163	104	1156	7459	1075.3	4070.1	86	68	525	770	450	660	270	390
36.00-51	HRL-4B	E-4	N L	A	26.00-5.0	46.6	1184	40.0	1016	127.8	3246	43.9	1115	58.8	1494	159	99	1128	7278	948.0	3588.5	112	89	465	680	335	490		
	MRL-4B	E-4	N	A		46.6	1184	40.0	1016	127.8	3246	43.9	1115	58.8	1494	159	99	1128	7278			118	93			325	470		
	SRB-7A	E-7	N	A		46.6	1184	39.9	1013	121.0	3073	44.6	1133	52.8	1341	177	110	1223	7890	979.0	3708.0	37	29			430	630		
	HRL-3B	E-3	N	A		46.6	1184	40.0	1016	127.5	3246	44.1	1120	55.3	1405	169	105	1070	6903			70	56			370	540		
	HRL-4D	E-4	N L	A		46.6	1184	38.7	984	125.6	3190			154	96	1127	7271					127	103	450	660				
39/90R53	RL-4H	E-4	N	A	26.00-4.0	46.6	1184	40.7	1034	128.3	3260	45.8	1163	57.8	1468	164	102	1170	7548	1115.2	4215.4	108	85	540	790	410	600		
37.00R57	GP-4C #	E-4	N	A	27.00-6.0	48.5	1232	42.5	1080	135.8	3449	44.3	1125	61.5	1562	155	96	1350	8710	1275.0	4825.9	112	89	725	1060				
	RL-4C #	E-4	N	A		48.5	1232	42.5	1080	135.8	3449	44.3	1125	61.5	1562	155	96	1350	8710	1275.0	4825.9	112	89	675	990				
	RL-4H	E-4	N	A		48.5	1232	42.2	1072	135.5	3442	47.5	1207	60.9	1547	155	96	1285	8290	1298.8	4916.1	108	85	620	900	480	700	290	420
	RL-4H II	E-4	N	A		48.5	1232	42.1	1069	135.8	3449	47.1	1196	61.6	1565	155	96	1345	8678	1298.8	4916.1	108	85	550	800	410	600	245	360
	RL-4J II	E-4	N	A		48.5	1232	42.1	1069	135.8	3449	47.1	1196	61.6	1565	155	96	1345	8678	1298.8	4916.1	108	85	620	900	480	700	290	420
	RL-4M+ #	E-4	N	A		48.5	1232	42.5	1080	135.8	3449	49.3	1252	61.5	1562	155	96					124	98	700	1020	535	780	320	470
40.00R57	RL-3A	E-3	N	A	29.00*-6.0	53.1	1349	44.2	1124	140.5	3569	51.4	1306	62.4	1585	150	93	1460	9419	1488.3	5633.0	80	63	785	1150	600	870	355	520
	RL-4B	E-4	N	A		53.1	1349	44.5	1130	140.5	3569	50.7	1287	62.4	1585	150	93	1611	10394	1488.3	5633.0	108	85	785	1150	600	870	360	530
	RL-4H	E-4	N	A		53.1	1349	44.5	1130	140.5	3569	50.7	1287	62.4	1585	150	93			1488.3	5633.0	108	85	785	1150	600	870	355	520
	RL-4A	E-4	N	A		53.1	1349	44.2	1124	140.5	3569	51.4	1306	62.4	1585	150	93			1488.3	5633.0	108	85	785	1150	600	870	355	520
40.00-57	HRL-4B	E-4	N	A	29.00-6.0	51.6	1311	43.2	1097	141.0	3581	49.5	1257	64.5	1638	145	90	1310	8452	1232.2	4664.2	115	91	550	800	415	610		
44/95R57	RL-4B	E-4	N	A	32.00**-6.0	54.8	1392	45.7	1161	140.5	3569	52.1	1323	62.4	1585	150	93	1460	9419	1582.0	5988.0	108	85						
45R57	(Two-piece ass'y)	E-4	N	A	29.00***-6.0	55.4	1406	46.2	1173	139.8	3551	51.6	1311	63.5	1613	150	93	1640	10581	1500.0	5678.0	110	87	785#	1150#	600#	870#	360#	530#
46/90R57	RL-4B	E-4	N	A	32.00**-6.0	56.3	1429	47.2	1199	140.8	3576	54.3	1379	63.0	1600	150	93	1925	12419	1575.0	5962.0	108	85	825#	1200#	630#	920#	370#	540#

In Line: N = North America E = Europe / Africa / Mid East
L = Latin America A = Asia / Australia

Estimated Data

Italicized sizes (light type) not currently in line this location.

Sizes in bold type can be obtained in locations in bold.

Extended lead time may be needed in other locations.

* 32 inch rim width & 5 inch flange approved alternate

** 29 inch rim width & 5 inch flange approved alternate

*** 32 inch rim width & 6 inch flange approved alternate

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76	80	83
BIAS	KPA	275	300	325	350	375	400	425	450	475	500	525	550	575
36.00-51	LBS	61500	66000	69500	71500	76000(42)	78500	80500	82500(50)	85500	88000	91000(58)		
	KG	28000	30000	31500	32500	34500(42)	35500	36500	37500(50)	38750	40000	41250(58)		
40.00-57	LBS	80500	85500	88000	91000	96500	99000	102000	107500	110000(60)	113500	117000	120000(68)	
	KG	36500	38750	40000	41250	43750	45000	46250	48750	50000(60)	51500	53000	54500(68)	
	PSI	65	69	73	76	80	83	87	91	94	98	102	105	109
RADIAL	KPA	450	475	500	525	550	575	600	625	650	675	700	725	750
36.00R51	LBS	74000	78500*	80500	82500	85500	88000	91000	93500	96500	99000	102000**		
	KG	33500	35500*	36500	37500	38750	40000	41250	42500	43750	45000	46250**		
39/90R53	LBS	74000	78500*	80500	82500	85500	88000	91000	93500	96500	99000	102000**		
	KG	33500	35500*	36500	37500	38750	40000	41250	42500	43750	45000	46250**		
37.00R57	LBS	82500	85500*	88000	91000	96500	99000	102000	104500	107500	110000	113500**		
	KG	37500	38750*	40000	41250	43750	45000	46250	47500	48750	50000	51500**		
40.00R57	LBS	93500	99000*	102000	107500	110000	113500	117000	120000	123500	128000	132500**		
	KG	42500	45000*	46250	48750	50000	51500	53000	54500	56000	58000	60000**		
44/95R57	LBS	96500	102000	104500	110000	113500	117000	120000	123500	128000	132500	135500**		
	KG	43750	46250	47500	50000	51500	53000	54500	56000	58000	60000	61500**		
45R57 ♦	LBS	93500	99000*	102000	107500	110000	113500	117000	120000	123500	128000	132500**	135500	139000
	KG	42500	45000*	46250	48750	50000	51500	53000	54500	56000	58000	60000**	61500	63000
46/90R57	LBS	99000	104500	107500	113500	117000	120000	123500*	128000	132500	135500	139000**		
	KG	45000	47500	48750	51500	53000	54500	56000*	58000	60000	61500	63000**		

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	69	73	76	80	83	87	91	94	98	102	105		
BIAS	KPA	475	500	525	550	575	600	625	650	675	700	725		
36.00-51	LBS	128000(42)	128000	132500	139000	143500	143500(50)	147500	153000	156500(58)				
	KG	58000(42)	58000	60000	63000	65000	65000(50)	67000	69000	71000(58)				
40.00-57	LBS	161000	165500	171000	176500	182000	182000	187500	193000(60)	198500	204000	204000(68)		
	KG	73000	75000	77500	80000	82500	82500	85000	87500(60)	90000	92500	92500(68)		
	PSI	76	80	83	87	91	94	98	102	105	109	112	116	120
RADIAL	KPA	525	550	575	600	625	650	675	700	725	750	775	800	825
36.00R51	LBS	123500	128000*	132500	139000	143500	147500	152000	156500	161000	165500	165500	171000	176500**
	KG	56000	58000*	60000	63000	65000	67000	69000	71000	73000	75000	75000	77500	80000**
39/90R53	LBS	123500	128000*	132500	139000	143500	147500	152000	156500	161000	165500	165500	171000	176500**
	KG	56000	58000*	60000	63000	65000	67000	69000	71000	73000	75000	75000	77500	80000**
37.00R57	LBS	132500	135500*	139000	143500	147500	152000	156500	161000	165500	171000	176500	176500	182000**
	KG	60000	61500*	63000	65000	67000	69000	71000	73000	75000	77500	80000	80000	82500**
40.00R57	LBS	161000	165500*	171000	176500	182000	187500	193000	198500	204000	209400	215000	220500	220500**
	KG	73000	75000*	77500	80000	82500	85000	87500	90000	92500	95000	97500	100000	100000**
45R57 ♦	LBS	161000	165500*	171000	176500	182000	187500	193000	198500	204000	209400	215000	220500	220500**
	KG	73000	75000*	77500	80000	82500	85000	87500	90000	92500	95000	97500	100000	100000**
46/90R57	LBS	165500	171000*	176500	182000	187500	193000	198500	204000	209400	215000	220500	220500	227000**
	KG	75000	77500*	80000	82500	85000	87500	90000	92500	95000	97500	100000	100000	103000**

♦ Consult manufacturer for operating recommendations.

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	25	29	33	36	40	44	47	51	54	58				
BIAS	KPA	175	200	225	250	275	300	325	350	375	400				
15.5-25	LBS	5680(8)	6150	6600	7150(12)										
	KG	2575(8)	2800	3000	3250(12)										
17.5-25	LBS	6800	7400	8050(12)	8550	8800	9350(16)	9900	10200	10700	11000(20)				
	KG	3075	3350	3650(12)	3875	4000	4250(16)	4500	4625	4875	5000(20)				
RADIAL	PSI	29	33	36	40	44	47	51	54	58	62	65	69	73	76
	KPA	200	225	250	275	300	325	350	375	400	425	450	475	500	525
15.5R25	LBS	6150	6600	7150	6150	6600	6950	7400	7850*	8050	8550	8800	9350	9650	9900**
	KG	2800	3000	3250	2800	3000	3150	3350	3550*	3650	3875	4000	4250	4375	4500**

25 MPH (40 KM/H) MAXIMUM SPEED OFF-THE-ROAD TRACTOR AND GRADER SERVICE

	PSI	22	25	29	33	36	40	44	47					
BIAS	KPA	150	175	200	225	250	275	300	325					
15.5-25	LBS	4300(8)	4800(10)	5200	5520	5840(12)								
	KG	1950(8)	2180(10)	2360	2580	2650(12)								
17.5-25	LBS	5200	5680	6400(12)	6600(14)	6950	7400(16)	7850	8050(20)					
	KG	2360	2575	2900(12)	3000(14)	3150	3350(16)	3550	3650(20)					
RADIAL	PSI	25	29	33	36	40	44							
	KPA	175	200	225	250	275	300							
15.5R25	LBS	4400	4800	5200	5680	6150	6600*							
	KG	2000	2180	2360	2575	2800	3000*							

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	33	36	40	44	47	51	54	58	62	65	69	73	76	80	83
BIAS	KPA	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575
15.5-25	LBS	8800	9350(8)	9900	10500	10700(10)	11400	11700	12300(12)							
	KG	4000	4250(8)	4500	4750	4875(10)	5150	5300	5600(12)							
17.5-25	LBS	10500	11000	11700	12300	12800	13600(12)	13900	14800(14)	15200	15700	16100(16)	16500	17100	17600	18200(20)
	KG	4750	5000	5300	5600	5800	6150(12)	6300	6700(14)	6900	7100	7300(16)	7500	7750	8000	8250(20)
RADIAL	PSI	29	33	36	40	44	47	51	54	58	62	65	69	73	76	
	KPA	200	225	250	275	300	325	350	375	400	425	450	475	500	525	Continued
15.5R25	LBS	6600	7150	7600	8250	8800	9350	9900	10500	11000	11400	12000	12300	12800*	13600	
	KG	3000	3250	3450	3750	4000	4250	4500	4750	5000	5150	5450	5600	5800*	6150	
	PSI	80	83	87	91	94										
	KPA	550	575	600	625	650										
	LBS	13900	14300	14800	15200	15700**										
	KG	6300	6500	6700	6900	7100**										

**WIDE BASE SIZE
Tubeless Tires**

WIDE BASE SIZE

DIMENSIONAL DATA



AS-3A SG-2B AT-2A GP-2B RL-2F RL-2+ RL-3J SM-3A RL-5K (12/12) RL-5K (08/08)
RL-5S

* Composite Tire for Rock(3) and Traction (2) – E/L/G-3T
For applications in Loader(L), Earthmover(E) and Grader(G) Service.

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY																
					Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S		4S		6S												
													tmph	tkph	tmph	tkph	tmph	tkph											
17.5R25	AT-2A	E-2	N	14.00-1.5	17.4	442	52.8	1341	19.1	485	24.1	612	398	247	190	1226	85.8	329.6	30	24	130	190							
	AT-2A	L-2	N		17.4	442	52.8	1341	20.0	508	23.2	589	398	247	245	1580	85.8	324.6	30	24			^75	^110	^65	^100			
	AT-2A	G-2	N		17.4	442	52.8	1341	19.1	485	24.1	612	398	247	245	1580	85.8	324.6	30	24									
	AS-3A	G-2	N		17.7	450	53.1	1348	20.1	510	23.8	604	396	246	185	1190	75.0	284.0	32	25									
	SG-2B	G-2	N		18.0	457	53.1	1348			24.2	615	396	246					32	25									
	GP-2B	E/G-*	N E		17.5	445	53.0	1346	19.4	493	24.2	615	396	246	205	1325	87.6	331.6	32	25	135	200	105	150	95	140			
	GP-2B	L-*	N E A		17.5	445	53.0	1346	20.0	508	23.6	599	396	246	230	1487	87.6	331.1	32	25			^90	^130	^80	^120			
	RL-2+	(E+)*	N E		17.6	446	54.3	1379	19.7	500	24.4	621	387	240	205	1325	79.2	299.9	45	36	100	150	75	110					
	RL-2+	(L+)*	N E		17.6	446	54.3	1379	20.1	510	24.1	612	387	240	237	1532	79.2	295.9	45	36			^55	^80	^50	^70			
	RL-2+	(G+)*	N E		17.6	446	54.3	1379	19.7	500	25.0	635	387	240	164	1058	79.2	299.9	45	36									
	RT-3B	L-3	E			18.1	460	53.2	1351			23.7	603	396	246	235	1514			36	29					76#	110#		
	RL-5K (08/08) #	L-5	N			17.8	452	55.1	1398	20.2	513	24.6	624	381	237	215	1389	75.0	284.0	80	64								
	RL-5K (12/12) #	L-5	N			17.8	452	55.1	1398	20.2	513	24.6	624	381	237	215	1389	75.0	284.0	80	64								
	RL-5S (00/00)	L-5	N			18.1	460	55.2	1401	19.7	500	24.6	624	381	237	196	1262	75.0	284.0	80	64								
	RL-2F	E-2	N			17.7	449	53.1	1349	19.7	500	24.2	614	396	246	174	1125	81.9	310.1	30	24	125	180	95	140				
	RL-2F	L-2	N			17.7	449	53.3	1354	20.1	510	23.8	604	394	244	245	1586	81.9	310.1	30	24			^65	^100	^60	^90		
	RL-2F	G-2	N			17.7	450	53.1	1349	19.8	502	24.4	620	396	246	190	1225	81.9	310.1	30	24								
	RL-3J	E-3	N A			18.2	462	53.1	1349	20.2	513	24.2	615	396	246	210	1355	83.2	315.0	32	25	85	120						
	RL-3J	L-3	N A			18.2	462	53.1	1349	20.5	521	23.7	602	396	246	240	1548	83.2	315.0	32	25								
	RL-3J	G-3	N			18.2	462	53.1	1349	20.2	513	24.2	615	396	246	210	1355	83.2	315.0	32	25								
SM-3A	L-3S	N		18.4	467	52.8	1341	19.7	500	23.5	597	398	247	250	1613	80.0	302.8												

Estimated Data
Italicized sizes (light type) not currently in line this location.
Sizes in bold type can be obtained in locations in bold.
Extended lead time may be needed in other locations.

In Line: N = North America E = Europe / Africa / Mid East
L = Latin America A = Asia / Australia

^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	275	300	325	350	375	400	425	450	475	500	525
17.5R25	LBS	7400	7850	8250	8800	9100*	9650	10200	10500	11000	11400	12000**
	KG	3350	3550	3750	4000	4125*	4375	4625	4750	5000	5150	5450**

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD ARTICULATE DUMP SERVICE

	PSI	29	33	36	40	44	47	51	54	58	62	65
RADIAL	KPA	200	225	250	275	300	325	350	375	400	425	450
17.5R25	LBS	6800	7400	8050	8550	9100*	9650	10200	10700	11400	12000*	12300
	KG	3075	3350	3650	3875	4125*	4375	4625	4875	5150	5450*	5600

25 MPH (40 KM/H) MAXIMUM SPEED OFF-THE-ROAD TRACTOR AND GRADER SERVICE

	PSI	25	29	33	36	40	44
RADIAL	KPA	175	200	225	250	275	300
17.5R25	LBS	5200	5680	6400	6800	7400	8050*
	KG	2360	2575	2900	3075	3350	3650*

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	29	33	36	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	200	225	250	275	300	325	350	375	400	425	450	475	500	525
17.5R25	LBS	8050	8800	9350	10200	10700	11700	12300	12800	13200	13600	14300	14800	15700*	16100
	KG	3650	4000	4250	4625	4850	5300	5600	5800	6000	6150	6500	6700	7100*	7300
	PSI	80	83	87	91	94		116							
	KPA	550	575	600	625	650		800							
	LBS	16500	17100	17600	18200	18700**		22000***							
	KG	7500	7750	8000	8250	8500**		10000***							

Continued

**WIDE BASE SIZE
Tubeless Tires**

WIDE BASE SIZE

DIMENSIONAL DATA



* Composite Tire for Rock(3) and Traction (2) – E/L/G-3T
For applications in Loader(L), Earthmover(E) and Grader(G) Service.

Size	Type	Ind Code	Current In Line Location		Rim Width & Flange	INFLATED DIMENSIONS				LOADED DIMENSIONS				Gross Contact Area		Tire Volume		Tread Depth		PERFORMANCE CAPABILITY							
						Overall Width		Overall Diameter		Load Sect & Growth		Static Load Rad								Revol Per		2S		4S		6S	
						in	mm	in	mm	in	mm	in	mm	mi	km	in ²	cm ²	gal	ltrs	in	mm	in	mm	in	mm	in	mm
20.5R25	GP-2B	(E)*	N	E A	17.00-2.0	20.9	532	58.1	1476	23.4	594	26.4	671	362	225	260	1677	132.4	501.3	36	29	150	220	115	170	105	150
	GP-2B	(L)*	N	E		20.9	532	58.1	1476	24.0	610	25.7	653	362	225	288	1860	132.4	501.3	36	29			^100	^150	^90	^130
	RL-2+	(E+)*	N	E A		21.0	533	58.4	1483	23.1	587	27.0	686	360	224	236	1520	124.4	470.9	50	40	120	180	90	130		
	RL-2+	(L+)*	N	E		21.1	536	58.4	1483	23.7	601	25.9	658	360	224	286	1847	124.4	470.9	50	40			^65	^100	^60	^90
	RL-2+	(G+)*	N	E		21.3	541	58.0	1473	23.5	597	26.8	681	362	225	218	1406	124.4	470.9	50	40						
	TL-3A+	E/L-3		E		21.5	545	58.1	1476	23.7	602	25.8	655	361	225	337	2172	133.0	503.0	50	40						
	RT-3B	(E/L)*	N	E		21.2	538	58.3	1481			25.6	651	360	224	280	1806	125.0	473.0	41	33						
	GP-4B AT	E-4	N	E A		21.0	533	58.9	1496	23.3	593	26.0	660	357	222	312	2013			63	50						
	RL-5K (24/24)	L-5	N	E A		21.8	554	60.4	1534	24.2	615	27.3	693	348	216	285	1839	129.5	490.1	90	71					55#	80#
	RT-5C #	L-5		E		22.7	577	63.8	1621	25.2	640	27.6	701	331	206												
	RL-2F	E-2	N			21.2	537	58.5	1486	23.5	597	26.8	681	359	223	284	1832	124.4	470.9	34	27	145	210	105	150		
	RL-2F	L-2	N			21.2	537	58.5	1486	23.9	607	26.1	662	359	223	324	2090	124.4	470.9	34	27			^75	^110	^70	^100
	RL-2F	G-2	N			21.2	537	58.5	1486	23.4	594	27.0	686	359	223	250	1612	124.4	470.9	34	27						
	RL-3J	E-3	N	A		21.3	541	58.6	1488	23.6	599	26.7	678	359	223	288	1858	129.8	491.4	36	29	100	150				
	RL-3J	L-3	N	A		21.3	541	58.6	1488	24.0	610	26.1	663	359	223	325	2097	129.8	491.4	36	29						
	RL-3J	G-3	N	A		21.3	541	58.6	1488	23.6	599	26.7	678	359	223	288	1858	129.8	491.4	36	29						
SM-3A	L-3S	N		21.4	544	58.9	1495	23.8	605	26.3	668	357	222	330	2129	129.5	490.1	90	71								

Estimated Data
Italicized sizes (light type) not currently in line this location.
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Extended lead time may be needed in other locations.

In Line: N = North America E = Europe / Africa / Mid East
L = Latin America A = Asia / Australia

^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	275	300	325	350	375	400	425	450	475	500	525
20.5R25	LBS	9650	10500	11000	11700	12300*	12800	13600	14300	14800	15200	16100**
	KG	4375	4750	5000	5300	5600*	5800	6150	6500	6700	6900	7300**

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD ARTICULATED DUMP SERVICE

	PSI	29	33	36	40	44	47	51	54	58	62	65
RADIAL	KPA	200	225	250	275	300	325	350	375	400	425	450
20.5R25	LBS	8800	9650	10500	11000	12000	12800*	13200	13900	14800	15200	16100**
	KG	4000	4375	4750	5000	5450	5800*	6000	6300	6700	6900	7300**

25 MPH (40 KM/H) MAXIMUM SPEED OFF-THE-ROAD TRACTOR AND GRADER SERVICE

	PSI	25	29	33	36	40	44
RADIAL	KPA	175	200	225	250	275	300
20.5R25	LBS	6950	7600	8550	9100	9650	10200*
	KG	3150	3450	3825	4125	4375	4625*

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	29	33	36	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	200	225	250	275	300	325	350	375	400	425	450	475	500	525
20.5R25	LBS	10500	11400	12300	13200	13900	14800	15700	16500	17600	18200	19300	19800	20900*	21500
	KG	4750	5150	5600	6000	6300	6700	7100	7500	8000	8250	8750	9000	9500*	9750
	PSI	80	83	87	91	94									
	KPA	550	575	600	625	650									
	LBS	22000	22700	24000	24700	25400**									
	KG	10000	10300	10900	11200	11500**									

Continued

**WIDE BASE SIZE
Tubeless Tires**

WIDE BASE SIZE

DIMENSIONAL DATA



SGL-2A
SGL E/L-2A
SGL D/L-2A

HRL-3A
HRL E/L-3A
HRL D/L-3A
HRL D/L-3C
SHRL

HRL D/L-5A
HRL D/L-5C
SXT DL

Size	Type	Ind Code	Current In Line Location		Rim Width & Flange	INFLATED DIMENSIONS				LOADED DIMENSIONS				Gross Contact Area		Tire Volume		Tread Depth		PERFORMANCE CAPABILITY								
						Overall Width		Overall Diameter		Load Sect & Growth		Static Load Rad								Revol Per	32nds	2S		4S		6S		
						in	mm	in	mm	in	mm	in	mm	mi	km	in ²	cm ²	gal	ltrs			in	mm	in	mm	in	mm	in
20.5-25	SGL E/L-2A	E,L-2	N	E A	17.00-2.0	21.8	554	59.1	1501	24.0	610	25.1	639	355	221	277	1787	119.2	451.2	35	28							
	SGL E/L-2A	G-2	N	A		21.8	554	58.7	1491	24.0	610	26.2	665	356	221	235	1516	119.2	451.2	35	28							
	HRL E/L-3A	L-3	N	L E A		21.8	554	59.2	1504	23.9	607	26.8	681	354	220	297	1916	116.8	442.1	38	30							
	HRL E/L-3A	E-3	N	L E A		21.8	554	58.9	1496	23.3	592	27.3	693	348	216	240	1548	116.8	442.1	38	30							
	HRL E/L-3A	G-3	N	L A		21.8	554	59.2	1504	24.0	610	26.4	671	353	219	230	1485	116.8	442.1	38	30							
	SHRL	L-3		E		21.8	554	59.2	1504	23.9	607	26.8	681	354	220	297	1916	116.8	442.1	38	30							
	SXT DL (HRL 5A)	L-5	N	L E A		21.8	554	61.3	1557	23.8	605	28.9	734	329	204	276	1781	99.3	376.0	93	74			^35	^50	^30	^40	
	HRL D/L-5A/C	L-5		L E A		21.8	554	61.3	1557	23.8	605	28.9	734	329	204	276	1781	99.3	376.0	93	74			^35	^50	^30	^40	
	SGL-2A	E-2	N	A		21.4	544	59.1	1501	23.5	597	26.7	678	355	221	277	1787	119.2	451.2	35	28			75	110			
	SGL D/L-2A	L-2	N			22.0	560	59.2	1504	23.1	586	25.1	639	368	229	285	1839	119.2	451.2	35	28							
	SGL D/L-2A	G-2	N			21.8	554	58.7	1491	24.0	610	26.2	665	356	221	235	1516	119.2	451.2	35	28							
	HRL D/L-3A	G-3	N			21.8	554	59.2	1504	24.0	610	26.4	671	353	219	230	1485	116.8	442.1	38	30							
	HRL D/L-3C	L-3	N			22.8	579	58.1	1476	23.2	589	26.3	668	360	224					35	27							
	HRL-3A	E-3	N	A		21.4	544	58.9	1496	23.3	592	27.3	693	348	216	240	1548	116.8	442.1	38	30			65	100			
	HRL D/L-3A	L-3	N			22.2	564	59.4	1508	24.4	620	26.0	660	354	220	297	1916	116.8	442.1	38	30			^45	^70			

Estimated Data

Italicized sizes (light type) not currently in line this location.

Sizes in bold type can be obtained in locations in bold.

Extended lead time may be needed in other locations.

In Line: **N** = North America
L = Latin America

E = Europe / Africa / Mid East
A = Asia / Australia

^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	25	29	33	36	40	44	47
BIAS	KPA	175	200	225	250	275	300	325
20.5-25	LBS	9100	9900(12)	10700	11400	12000(16)	12800	13200(20)
	KG	4125	4500(12)	4875	5150	5450(16)	5800	6000(20)

25 MPH (40 KM/H) MAXIMUM SPEED OFF-THE-ROAD TRACTOR AND GRADER SERVICE

	PSI	22	25	29	33	36	40
BIAS	KPA	150	175	200	225	250	275
20.5-25	LBS	6950	7850(12)	8250	8800(16)	9350	9900(20)
	KG	3150	3550(12)	3750	4000(16)	4250	4500(20)

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	33	36	40	44	47	51	54	58	62	65	69	73	76
BIAS	KPA	225	250	275	300	325	350	375	400	425	450	475	500	525
20.5-25	LBS	13900	14800(12)	15700	16500	17100	18200(16)	18700	19300	20400	20900(20)	21500	22000	22700(24)
	KG	6300	6700(12)	7100	7500	7750	8250(16)	8500	8750	9250	9500(20)	9750	10000	10300(24)

**WIDE BASE SIZE
Tubeless Tires**

WIDE BASE SIZE

DIMENSIONAL DATA



GP-2B
GP-4B
GP-4B AT
GP-4C
RL-2F
GP-3D
RL-2+
TL-3A+
RT-3B
RL-3J
RT-5C
RL-5K (24/24)
EV-5K
SM-3A

* Composite Tire for Rock(3) and Traction (2) – E/L/G-3T
For applications in Loader(L), Earthmover(E) and Grader(G) Service.

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	INFLATED DIMENSIONS				LOADED DIMENSIONS				Revol Per		Gross Contact Area		Tire Volume		Tread Depth		PERFORMANCE CAPABILITY					
					Overall Width		Overall Diameter		Load Sect & Growth		Static Load Rad										2S		4S		6S	
					in	mm	in	mm	in	mm	in	mm	mi	km	in ²	cm ²	gal	ltrs	in	mm	in	mm	tph	tkph	tph	tkph
23.5R25	GP-2B	(E/G)*	N E A	19.5-2.5	24.1	612	63.3	1608	27.1	688	28.9	735	335	208	316	2039	192.6	728.9	40	32	175	260	135	200	115	170
	GP-2B	(L)*	N E		24.1	612	63.3	1608	27.8	706	28.2	718	336	209	337	2174	192.6	728.9	40	32			^115	^170	^95	^140
	GP-3D	(E/G)*	N E		24.1	612	63.3	1608	27.1	688	28.9	735	332	206	316	2039	192.6	728.9	47	37	175	260	135	200	115	170
	GP-3D	(L)*	N E		24.1	612	63.3	1608	27.8	706	28.2	718	332	206	337	2174	192.6	728.9	47	37			^115	^170	^95	^140
	RL-2+	(E+)*	N E A		24.1	612	63.9	1623	26.8	681	28.9	734	326	203	312	2012	176.9	669.5	53	42	135	200	100	150		
	RL-2+	(L+)*	N E		24.1	612	63.9	1623	27.5	699	28.2	716	329	204	394	2542	176.9	669.5	53	42			^70	^100	^65	^100
	RL-2+	(G+)*	N E		24.1	612	63.9	1623	25.9	658	29.4	747	329	204	280	1806	176.9	669.5	53	42						
	TL-3A+ #	E/L-3	N E		24.2	615	63.9	1623	27.2	691	28.6	726	329	204	353	2277	175.0	662.0	54	43						
	RT-3B	(E/L)*	N E		25.2	640	63.2	1605	28.2	718	27.9	710	332	206	450	2903	175.0	662.0	44	35						
	GP-4B AT	E-4	N E A		24.6	626	63.8	1620	27.2	691	28.8	732	329	204	326	2103	177.8	673.0	68	54	135	200	104	150	90	130
	GP-4C	L-4	N		24.8	629	65.5	1665	27.9	708	29.3	745	321	199	400	2582	181.5	686.9	68	54			^70	^100	^65	^100
	GP-4C	G-4	N		24.8	629	65.3	1659	27.2	691	30.8	782	321	199	335	2162	181.5	686.9	68	54	135	200	104	150	90	130
	RL-5K 24/24	L-5	N E A		24.5	623	65.1	1654	27.3	694	29.4	747	333	207	379	2445	160.6	607.9	99	79			^55	^80	^50	^70
	RL-5S #	L-5	N E		24.5	623	65.1	1654	27.3	694	29.4	747	333	207	379	2445	160.6	607.9	99	79						
	RT-5C	L-5	N E		24.0	610	65.7	1669	27.1	688	29.3	745	321	199	383	2473			98	78						
	EV-5K	IND-5	N E		24.5	623	65.1	1654	27.3	694	29.4	747	333	207	379	2445	160.6	607.9	99	79						
	EV-5S #	IND-5	N E		24.5	623	65.1	1654	27.3	694	29.4	747	333	207	379	2445	160.6	607.9	99	79						
	RL-2F	L-2	N		24.1	613	63.5	1613	27.2	691	28.1	714	331	206	382	2465	177.7	672.7	38	30			^85	^120	^80	^120
	RL-2F	E-2	N		24.2	615	63.5	1613	26.7	679	28.7	728	331	206	316	2039	177.7	672.7	38	30	160	230	120	180		
	RL-2F	G-2	N		24.1	612	63.5	1613	26.6	675	29.2	742	331	206	320	2065	177.7	672.7	38	30						
RL-3J	L-3	N A	24.5	622	63.6	1615	27.8	706	27.7	704	330	205	410	2645	181.1	685.4	40	32								
RL-3J	E-3	N A	24.5	622	63.6	1615	27.2	691	28.0	711	330	205	365	2354	181.1	685.4	40	32	110	160						
RL-3J	G-3	N A	24.5	622	63.6	1615	27.1	688	28.8	732	330	205	370	2387	181.1	685.4	40	32								
SM-3A	L-3S	N	24.0	610	64.1	1628	27.2	691	28.4	722	328	204	360	2323	178.0	673.7										
GP-4B	E-4	N	24.8	629	65.5	1665	27.9	708	29.3	745	321	199	335	2162	181.5	686.9	68	54								

Estimated Data
Italicized sizes (light type) not currently in line this location.
Sizes in bold type can be obtained in locations in bold.
Extended lead time may be needed in other locations.

In Line: N = North America
L = Latin America
E = Europe / Africa / Mid East
A = Asia / Australia

^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	275	300	325	350	375	400	425	450	475	500	525
23.5R25	LBS	12300	13200	14300	14800	15700*	16500	17100	18200	18700	19800	20400**
	KG	5600	6000	6500	6700	7100*	7500	7750	8250	8500	9000	9250**

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD ARTICULATED DUMP SERVICE

	PSI	29	33	36	40	44	47	51	54	58	62	65
RADIAL	KPA	200	225	250	275	300	325	350	375	400	425	450
23.5R25	LBS	11000	12000	13200	13900	14800	16100*	16500	17600	18700	19300	20400**
	KG	5000	5450	6000	6300	6700	7300*	7500	8000	8500	8750	9250**

25 MPH (40 KM/H) MAXIMUM SPEED OFF-THE-ROAD TRACTOR AND GRADER SERVICE

	PSI	25	29	33	36	40	44
RADIAL	KPA	175	200	225	250	275	300
23.5R25	LBS	8800	9900	10700	11700	12300	13200*
	KG	4000	4500	4875	5300	5600	6000*

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	29	33	36	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	200	225	250	275	300	325	350	375	400	425	450	475	500	525
23.5R25	LBS	13200	14300	15700	17100	18200	19300	20400	21500	22700	23400	24700	25400	26800*	27600
	KG	6000	6500	7100	7750	8250	8750	9250	9750	10300	10600	11200	11500	12150*	12500
	PSI	80	83	87	91	94									
	KPA	550	575	600	625	650									
	LBS	28300	29100	30000	30900	32000**									
	KG	12850	13200	13600	14000	14500**									

**WIDE BASE SIZE
Tubeless Tires**

WIDE BASE SIZE

DIMENSIONAL DATA



SGL-2A
SGL E/L-2A
SGL D/L-2A

HRL-3A
HRL E/L-3A
HRL D/L-3A
HRL DL-3C
ELV-3A

HRL D/L-3B

HRL D/L-4A
SHRL XT DL

HRL D/L-5A
HRL D/L-5C
SXT DL

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area		Tire Volume		Tread Depth		PERFORMANCE CAPABILITY								
					Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm		in2	cm2	gal	ltrs	32nds in	mm	PERFORMANCE CAPABILITY								
																2S tmph tkph	4S tmph tkph	6S tmph tkph						
23.5-25	SGL E/L-2A	E-2	N L E A	19.50-2.5	24.4	620	64.1	1628	27.4	696	27.8	706	335	208	375	2420	145.3	550.1	39	31				
	SGL E/L-2A	L-2	N L E A		24.4	620	64.1	1628	27.7	704	27.1	688	336	209	470	3032	145.3	550.1	39	31		^65	^100	
	SGL E/L-2A	G-2	N		24.4	620	63.0	1600	26.8	681	28.0	711	332	206	275	1774	145.3	550.1	39	31				
	HRL E/L-3A	E-3	N L A		24.5	622	63.8	1620	26.6	676	28.7	729	328	204	352	2271	144.7	547.6	41	33				
	HRL E/L-3A	L-3	N L A		24.2	615	63.6	1615	27.2	691	28.0	711	326	203	414	2671	144.7	547.6	41	33				
	HRL E/L-3A	G-3	N		24.2	615	63.6	1615	26.7	678	28.3	719	329	204	310	2000	144.7	547.6	41	33				
	SHRL XT DL	L-4	N		24.6	625	66.2	1681	27.1	688	30.5	775	309	192	326	2103	146.7	555.1	70	56		^45	^70	
	SXT DL (HRL-5A)	L-5	N L E A		24.3	617	66.4	1687	26.4	671	31.0	787	304	189	348	2245	162.2	613.8	100	79		^40	^60	
	ELV-3A	IND-3	N		A	24.9	633	64.6	1640	27.2	690	29.0	737	300	186	422	2723	144.7	547.6	41	33			
	SGL-2A	E-2	N		A	24.4	620	64.1	1628	27.4	696	27.1	688	347	216	375	2420	145.3	550.1	39	31		90	130
	<i>SGL D/L-2A</i>	L-2	N			24.7	627	62.9	1598	26.6	676	26.8	681	337	210	496	3202	145.3	550.1	39	31		^65	^100
	<i>SGL D/L-2A</i>	G-2	N			24.4	620	63.0	1600	26.8	681	28.0	711	332	206	275	1774	145.3	550.1	39	31			
	HRL-3A	E-3	N		A	24.5	622	63.8	1620	26.6	676	28.7	729	328	204	352	2271	144.7	547.2	41	33		70	100
	<i>HRL D/L-3A</i>	L-3	N			25.0	635	64.0	1626	26.8	681	28.2	716	328	204	418	2696	172.6	658.3	41	33		^50	^70
	<i>HRL D/L-3A</i>	G-3	N			24.2	615	63.6	1615	26.7	678	28.3	719	329	204	310	2000	144.7	547.6	41	33			
	<i>HRL D/L-3B</i>	L-3	N			24.6	626	63.4	1610	26.3	668	27.9	710	336	209	431	2781	167.7	634.8	40	33			
	<i>HRL E/L-3B</i>	E-3	N			24.6	626	63.4	1610	26.3	668	27.9	710	336	209	431	2781	167.7	634.8	40	33			
HRL D/L-3C	L-3	N L		22.8	579	62.9	1597	25.6	650	27.7	703	340	211	414	2671			34	28					
<i>SXT DL</i>	L-5	N		24.3	617	66.4	1687	26.4	671	31.0	787	304	189	348	2245			100	79					

Italicized sizes (light type) not currently in line this location.
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In Line: **N** = North America **E** = Europe / Africa / Mid East
L = Latin America **A** = Asia / Australia

^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	25	29	33	36	40	44	47	51
BIAS	KPA	175	200	225	250	275	300	325	350
23.5-25	LBS	11700(12)	12800	13600(16)	14300	15200	16100(20)	17100	17600(24)
	KG	5300(12)	5800	6150(16)	6500	6900	7300(20)	7750	8000(24)

25 MPH (40 KM/H) MAXIMUM SPEED OFF-THE-ROAD TRACTOR AND GRADER SERVICE

	PSI	22	25	29	33	36
BIAS	KPA	150	175	200	225	250
23.5-25	LBS	8800(12)	9650	10500(16)	11400	12000(20)
	KG	4000(12)	4375	4750(16)	5150	5450(20)

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	33	36	40	44	47	51	54	58	62	65	69	73	76	
BIAS	KPA	225	250	275	300	325	350	375	400	425	450	475	500	525	Continued
23.5-25	LBS	17600(12)	18700	19800	20900(16)	22000	23400	24000(20)	24700	26000	26800	27600(24)	28300	29100	
	KG	8000(12)	8500	9000	9500(16)	10000	10600	10900(20)	11200	11800	12150	12500(24)	12850	13200	
	PSI	80	83	87	91	94	98	102	105	109	112				
	KPA	550	575	600	625	650	675	700	725	750	775				
	LBS	30000(28)	30900	32000	32000(32)	33100	34200	34200(36)	35300	36400	36400(40)				
	KG	13600(28)	14000	14500	14500(32)	15000	15500	15500(36)	16000	16500	16500(40)				

**WIDE BASE SIZE
Tubeless Tires**

WIDE BASE SIZE

RADIAL

DIMENSIONAL DATA

BIAS



GP-2B GP-4B AT EV-3B RT-3B RL-2+ TL-3A+ RL-3S GP-4D SG LUG DL SHRL SHRL XT DL HRL D/L-5C SXT DL

* Composite Tire for Rock(3) and Traction (2) – E/L/G-3T
For applications in Loader(L), Earthmover(E) and Grader(G) Service.

Size	Type	Ind Code	Current In Line Location		Rim Width & Flange	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km		Gross Contact Area		Tire Volume		Tread Depth		PERFORMANCE CAPABILITY												
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm			in ²	cm ²	gal	ltrs	32nds	in	mm	2S		4S		6S							
						in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm			
26.5R25	GP-2B	E-*	N	E	A	22.00-3.0	26.8	681	68.4	1737	30.0	762	30.9	785	307	191	400	2581	239.0	904.5	45	36	195	280	155	230	130	190		
	GP-2B	L-*	N	E			26.8	681	68.4	1737	30.8	782	30.0	762	307	191	485	3128	239.0	904.5	45	36			^130	^190	^110	^160		
	EV-3B	IND-3	N	E			26.8	681	68.4	1737	30.8	782	30.0	762	307	191	485	3128	239.0	904.5	45	36								
	RL-2+	(E+)*	N	E	A		27.3	693	68.8	1748	29.7	754	31.2	792	305	190	400	2581	237.6	899.4	56	44	155	230	115	170				
	RL-2+	(L+)*	N	E			27.3	693	68.8	1748	30.3	770	30.5	775	305	190	456	2942	237.6	894.4	56	44			^75	^110	^70	^100		
	TL-3A+	E/L-3	N	E			27.5	699	69.0	1753	30.2	767	30.3	770	305	189	484	3121	250.0	946.0	59	47								
	RT-3B	E-3*	N	E			27.4	695	68.6	1741	30.4	773	30.1	765	306	190	462	2981	250.0	946.0	50	40								
	RL-3S	L-3		E			27.8	707	68.9	1750	29.7	754	30.3	769	305	189	410	2645	250.0	946.0	56	44								
	GP-4B AT	E/L-4	N	E	A		26.7	678	69.0	1753	30.0	762	31.2	792	303	188	400	2581			67	53	147#	210#	109#	160#	91#	130#		
	GP-4D	E-4		E	A		26.6	676	69.0	1753	29.9	759	31.2	792	303	188	429	2770	225.0	852.0	69	55								
	GP-4D	L-4		E	A		26.6	656	68.6	1742	30.5	775	30.2	766	306	190	400	2581	225.0	852.0	69	55								
	(1) RL-4K 24/24	L-4	N				27.7	703	70.2	1783	30.8	782	31.6	803	299	186	459	2961	219.0	829.0	67	53					^80	^120	^75	^110
	(1) RL-5K 24/24	L-5	N	E	A		27.7	703	70.2	1783	30.8	782	31.6	803	299	186	459	2961	219.0	829.0	110	87					^65	^100	^60	^90
	(2) RT-5C	L-5		E			26.7	678	70.7	1796	30.5	775	31.5	799	297	185	453	2920			105	83								
(1) SM-5A	L-5S		E	A		27.7	703	70.2	1783	30.8	782	31.6	803	299	186	459	2961	219.0	829.0	110	87									
RL-2F	L-2	N				27.5	699	68.8	1748	30.9	785	30.7	780	305	190	416	2683	240.4	909.9	43	34					^100	^150	^95	^140	
RL-2F	E-2	N				27.5	699	68.8	1748	30.2	767	31.5	800	305	190	345	2226	240.4	909.9	43	34	180	260	135	200					
26.5-25	SG LUG (SGL-2A)	E-2	N			22.00-3.0	27.5	699	68.9	1750	30.1	765	29.9	759	315	196	400	2581	188.0	712.0	43	34					105	150		
	SG LUG DL(SGL DL 2A)	L-2	N				27.5	699	68.0	1727	29.7	754	28.5	724	313	195	599	3864	188.0	711.6	43	34					^75	^110		
	SHRL (HRL-3A)	E-3	N	L	A		27.2	691	68.9	1750	30.1	765	29.9	759	315	196	400	2581	188.0	712.0	48	38					90	130		
	SHRL-DL (HRL DL 3A)	L-3	N	L	A		27.6	701	68.2	1732	29.3	744	29.9	759	308	191	508	3277	223.2	844.9	48	38					^60	^90	^55	^80
	SHRL XT D/L(HRL DL 4A)	L-4	N				27.7	704	70.6	1793	30.8	782	32.2	818	292	181	453	2923	178.7	676.3	72	57					^50	^70	^45	^70
	SXT DL (HRL DL 5A)	L-5	N	L	A		27.4	696	71.0	1803	29.9	760	33.0	838	286	178	409	2639	185.3	701.5	111	88					^45	^70		
	HRL D/L-5C	L-5	N				27.4	696	71.4	1813	29.2	742	33.0	838	284	177	440	2838			111	88								
	(1) SMO D/L-5C	L-5S	N		A		27.4	696	71.0	1803	29.9	759	33.0	838	286	178	409	2639	175.8	664.5	128	102					^40	^60	^35	^50
	(1) SMO-D/L-5B	L-5S	N				27.4	696	71.0	1803	29.9	759	33.0	838	286	178	409	2639	175.8	664.5	141	112								

Estimated Data
Italicized sizes (light type) not currently in line this location.
Sizes in bold type can be obtained in locations in bold.
Extended lead time may be needed in other locations.

In Line: N = North America E = Europe / Africa / Mid East
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(1) See Page 47 for Picture
(2) See Page 41 for Picture

^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	275	300	325	350	375	400	425	450	475	500	525
26.5R25	LBS	15700	16500	17600	18700	19800*	20900	21500	22700	23400	24700	25400**
	KG	7100	7500	8000	8500	9000*	9500	9750	10300	10600	11200	11500**
BIAS	PSI	25	29	33	36	40	44	47	51			
	KPA	175	200	225	250	275	300	325	350			
26.5-25	LBS	14800	16100	17100	18200(20)	19300	20400(24)	20900(26)	22000(28)			
	KG	6700	7300	7750	8250(20)	8750	9250(24)	9500(26)	10000(28)			

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD ARTICULATED DUMP SERVICE

	PSI	29	33	36	40	44	47	51	54	58	62	65
RADIAL	KPA	200	225	250	275	300	325	350	375	400	425	450
26.5R25	LBS	13900	15200	16500	17600	18700	19800*	20900	22000	23400	24000	25400**
	KG	6300	6900	7500	8000	8500	9000*	9500	10000	10600	10900	11500**

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	29	33	36	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	200	225	250	275	300	325	350	375	400	425	450	475	500	525
26.5R25	LBS	16500	18200	19800	20900	22700	24000	25400	26800	28300	29100	30900	32000	33100*	34200
	KG	7500	8250	9000	9500	10300	10900	11500	12150	12850	13200	14000	14500	15000*	15500
	PSI	80	83	87	91	94		116							
	KPA	550	575	600	625	650		800							
	LBS	35300	36400	37500	39700	40800**		46700***							
	KG	16000	16500	17000	18000	18500**		21800***							
BIAS	PSI	33	36	40	44	47	51	54	58	62	65	69	73	76	80
	KPA	225	250	275	300	325	350	375	400	425	450	475	500	525	550
26.5-25	LBS	22000(14)	24000	25400	26800	27600	29100(20)	30000	30900(24)	32000	33100(26)	34200(28)	35300	36400	37500(32)
	KG	10000(14)	10900	11500	12150	12500	13200(20)	13600	14000(24)	14500	15000(26)	15500(28)	16000	16500	17000(32)

**WIDE BASE SIZE
Tubeless Tires**

WIDE BASE SIZE

RADIAL



GP-2B
GP-4B AT
EV-3B

RL-2F

RL-2+

RL-4K (24/24)
RL-5K (24/24)

DIMENSIONAL DATA

BIAS



SRB-7A

SG LUG
SG LUG DL

SHRL
SHRL DL

SHRL XT DL

HRL D/L-5C
SXT DL

SM-5A
SMO D/L-5A
SMO D/L-5B
SMO D/L-5C

* Composite Tire for Rock(3) and Traction (2) – E/L/G-3T
For applications in Loader(L), Earthmover(E) and Grader(G) Service.

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per		Gross Contact Area		Tire Volume		Tread Depth		PERFORMANCE CAPABILITY									
					Overall Width	Overall Diameter	Load Sect & Growth	Static Load Rad									mi	km	in ²	cm ²	gal	ltrs	in	mm	2S	
					in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	tmph	tkph	tmph	tkph	tmph	tkph		
29.5R25	GP-2B	E-*	N E A	25.00-3.5	30.5	775	73.1	1857	33.9	861	33.0	837	288	179	418	2697	307.7	1164.6	48	38	235	340	185	270	155	230
	GP-2B	L-*	N E		30.5	775	73.1	1857	34.6	879	32.2	817	288	179	505	3258	307.7	1164.6	48	38			^155	^230	^130	^190
	EV-3B	IND-3	N E		30.5	775	73.1	1857	34.6	879	32.2	817	288	179	505	3258	307.7	1164.6	48	38						
	RL-2+	(E+)*	N E A		30.9	785	74.0	1880	33.4	848	33.9	861	284	176	447	2884	315.1	1192.7	60	48	185	270	140	200		
	RL-2+	(L+)*	N E		30.9	785	74.0	1880	34.2	869	32.9	834	284	176	514	3316	315.1	1192.7	60	48			^85	^120	^80	^120
	TL-3A+	E/L-3	N E		27.5	699	69.0	1753	30.2	767	30.3	770	305	189	484	3121	250.0	946.0	59	47						
	GP-4B AT	E-4	N E A		29.2	742	73.5	1866	33.9	861	32.8	833	284	177	542	3497	300.0	1136.0	72	57	165	240	130	190	105	150
	GP-4B AT	L-4	N E A		29.3	744	73.4	1864	34.4	874	32.1	817	286	178	595	3839	300.0	1136.0	72	57						
	RL-4K 24/24	L-4	N		30.4	771	75.7	1923	33.6	853	33.0	839	278	173	583	3758	325.0	1230.0	72	57			^90	^130	^85	^120
	RL-5K 24/24	L-5	N E A		31.7	805	75.6	1920	34.9	887	33.9	861	278	173	468	3019	273.7	1036.1	120	95			^70	^100	^65	^100
	RL-2F	E-2	N		30.7	780	73.1	1857	33.9	861	33.9	861	288	179	410	2645	307.8	1165.1	44	35	220	320	160	230		
RL-2F	L-2	N	30.7	780	73.1	1857	34.6	879	32.2	817	288	179	498	3213	307.8	1165.1	44	35			^115	^170	^110	^160		
29.5-25	SG LUG (SGL-2A)	E-2	N	25.00-3.5	30.7	780	72.8	1849	33.0	838	32.0	813	294	183	516	3329	245.0	929.0	47	37			125	180		
	SHRL (HRL-3A)	E-3	N L A		30.7	780	72.8	1849	33.0	838	32.0	813	294	183	516	3329	277.0	1048.5	52	41			115	170		
	SHRL-DL (HRL DL 3A)	L-3	N L A		30.7	780	73.1	1857	33.6	853	32.4	823	290	180	561	3620	277.0	1048.5	52	41			^65	^100		
	SHRL XT DL	L-4	N		31.4	798	74.5	1892	34.8	884	33.5	851	281	175	563	3632	277.0	1048.5	77	61			^60	^90		
	SXT DL (HRL DL 5A)	L-5	N		30.9	785	74.4	1890	34.1	866	34.2	869	279	173	492	3174			128	101			^55	^80		
	HRL D/L-5C	L-5	N		30.1	764	75.4	1915	32.1	815	34.2	868	271	168	500	3226			117	93						
	SMO D/L-5A	L-5S	N		30.8	782	74.4	1890	34.2	869	34.2	869	275	171	468	3020			123	98						
	SRB-7A	E-7	N		30.6	777	71.7	1821	32.0	813	32.5	825	290	180	557	3593	288.0	1090.7	27	21			170	250		
SG LUG DL	L-2	N	30.7	780	72.8	1849	33.6	853	31.0	787	304	189	615	3968	245.3	928.6	47	37			^80	^120				

Estimated Data
Italicized sizes (light type) not currently in line this location.
Sizes in bold type can be obtained in locations in bold.
Extended lead time may be needed in other locations.

In Line: **N** = North America
L = Latin America
E = Europe / Africa / Mid East
A = Asia / Australia

^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	275	300	325	350	375	400	425	450	475	500	525
29.5R25	LBS	18700	20400	21500	22700	24000 *	25400	26000	27600	28300	30000	30900**
	KG	8500	9250	9750	10300	10900 *	11500	11800	12500	12850	13600	14000 **
	PSI	25	29	33	36	40	44	47	51	54	58	
BIAS	KPA	175	200	225	250	275	300	325	350	375	400	
29.5-25	LBS	17600	19300	20400	22000(22)	23400	24000	25400(28)	26800	27600	29100(34)	
	KG	8000	8750	9250	10000(22)	10600	10900	11500(28)	12150	12500	13200(34)	

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD ARTICULATED DUMP SERVICE

	PSI	29	33	36	40	44	47	51	54	58	62	65
RADIAL	KPA	200	225	250	275	300	325	350	375	400	425	450
29.5R25	LBS	16500	18200	19800	20900	22700	24000*	25400	26800	28300	29100	30900**
	KG	7500	8250	9000	9500	10300	10900*	11500	12150	12850	13200	14000**

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	58	62	65	69	73	76	80	83	87	91	94	116	
RADIAL	KPA	400	425	450	475	500	525	550	575	600	625	650	800	
29.5R25	LBS	34200	35300	37500	38600	39700 *	41900	43000	44100	45400	46700	49400**	56800***	
	KG	15500	16000	17000	17500	18000 *	19000	19500	20000	20600	21200	22400**	25750***	
	PSI	33	36	40	44	47	51	54	58	62	65	69	73	76
BIAS	KPA	225	250	275	300	325	350	375	400	425	450	475	500	525
29.5-25	LBS	26800	28300(16)	30000	32000	33100(22)	35300	36400	37500	38600(28)	40800	41900	43000	44100(34)
	KG	12150	12850(16)	13600	14500	15000(22)	16000	16500	17000	17500(28)	18500	19000	19500	20000(34)

40 MPH (65 KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
29.5-25	LBS	8540	10200	11680	12790	14330	15210	16530	17640
	KG	3875	4625	5300	5800	6500	6900	7500	8000

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD SAND SERVICE

	PSI	11	15	18	22	25	29	33	36
BIAS	KPA	75	100	125	150	175	200	225	250
29.5-25	LBS	10470	12350	13890	15650	17090	18190	19840	20940
	KG	4750	5600	6300	7100	7750	8250	9000	9500

**WIDE BASE SIZE
Tubeless Tires**

WIDE BASE SIZE

RADIAL



RL-2F

RL-3S

BIAS



SGL D/L-2A
SGL D/L-2A
SG LUG

HRL-3A
HRL D/L-3A
SHRL

HRL D/L-4A
SHRL XT DL

SMO D/L-4A
SMO D/L-5A
SMO 5C

HRL D/L-5A
HRL D/L-5C
SXT DL

AMS D/L-5/8H

DRL D/L-5A

DIMENSIONAL DATA

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area		Tire Volume		Tread Depth		PERFORMANCE CAPABILITY										
					Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm		in ²	cm ²	gal	ltrs	32nds in	mm	2S		4S		6S						
																tmph	tkph	tmph	tkph	tmph	tkph					
26.5-29	SHRL (HRL-3A)	E-3	L	22.00-3.0	27.0	686	73.1	1857	29.1	739	32.9	836	286	178	438	2826	45	36	110	160						
	SG LUG	E-2	N		27.0	686	73.1	1857	29.1	739	32.9	836	286	178	438	2826	43	34	120	180						
	SG LUG DL	L-3	N		27.2	691	72.8	1849	30.0	762	32.2	818	292	181	471	3039	45	36	^70	^100						
26.5R29	RL-2F	E-2	N	22.00-3.0	27.1	688	72.4	1839	29.9	759	33.0	838	290	180	380	2452	254.3	962.4	43	34	195	280	145	210		
	RL-2F	L-2	N		27.1	688	72.4	1839	31.0	788	32.0	813	290	180	440	2838	254.3	962.4	43	34			^110	^160	^105	^153
	RL-3S	L-3	E		29.0	737	73.4	1864	30.4	772	32.5	825	286	178	410	2645	305.0	1155.0	56	44						
29.5-29	SG LUG(SGL-2A)	E-2	N	25.00-3.5	30.3	770	77.1	1958	32.7	831	34.4	874	273	170	476	3071	267.0	1012.0	47	37			135	200		
	SHRL (HRL-3A)	E-3	N L A		30.3	770	77.1	1958	32.7	831	34.4	874	273	170	476	3071	308.8	1168.9	52	41	175	260	125	180		
	HRL D/L-3A	L-3	L		30.5	775	77.1	1958	33.7	856	34.6	879	272	169	587	3787	308.8	1168.9	52	41			^80	^120		
	SHRL XT DL(HRL DL 4A)	L-4	N		30.8	782	78.7	1999	34.1	866	35.6	904	264	164	568	3665	273.3	1034.7	77	61			^75	^110	^70	^100
	SXT DL (HRL DL 5A)	L-5	N L A		30.1	765	78.9	2004	33.0	838	36.3	922	259	161	566	3652	261.0	988.0	128	102			^70	^100	^65	^100
	HRL D/L-5C	L-5	N		30.1	765	78.9	2004	33.0	838	36.3	922	259	161	560	3613			117	93						
	SMO-5C	L-5S	A		30.1	765	78.9	2004	33.0	838	36.3	922	259	161	566	3652	268.6	1016.7	137	108			^55	^80	^50	^70
	SHRL	L-2	N		30.3	770	77.1	1958	33.3	846	33.6	853	280	174	625	4033	268.0	1014.4	47	37			^100	^150		
	SHRL DL	L-3	N		30.5	775	77.1	1958	33.7	856	34.6	879	272	169	587	3787	308.8	1168.9	52	41			^80	^120		
	SMO D/L-4A	L-4S	N		31.3	795	78.2	1986	34.9	886	35.7	907	259	161	512	3303			74	58			^65	^100		
AMS D/L-5/8H	L-5	N	29.9	759	78.8	2002	32.5	826	36.8	935	256	159	486	3136			126	99			^55	^80	^50	^70		
DRL D/L-5A	L-5	N	30.0	762	78.9	2004	32.5	826	36.8	935	256	159	496	3200			128	102			^70	^100	^65	^100		
SMO D/L-5A	L-5S	N	30.1	765	78.9	2004	33.0	838	36.3	922	259	161	566	3652	268.6	1016.7	137	108			^55	^80	^50	^70		

Italicized sizes (light type) not currently in line this location.
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In Line: N = North America
 L = Latin America

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 A = Asia / Australia

^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	275	300	325	350	375	400	425	450	475	500	525
26.5R29	LBS	16500	17600	18700	19800	20900 *	22000	23400	24000	25400	26000	27600**
	KG	7500	8000	8500	9000	9500 *	10000	10600	10900	11500	11800	12500**
	PSI	25	29	33	36	40	44	47	51	54	58	
BIAS	KPA	175	200	225	250	275	300	325	350	375	400	
26.5-29	LBS	15700	17100	18200	19300	20400(22)	21500	22700(26)				
	KG	7100	7750	8250	8750	9250(22)	9750	10300(26)				
29.5-29	LBS	18700	20400	22000	23400(22)	24700	26000	26800(28)	28300	29100	30900(34)	
	KG	8500	9250	10000	10600(22)	11200	11800	12150(28)	12850	13200	14000(34)	

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	58	62	65	69	73	76	80	83	87	91	94		
RADIAL	KPA	400	425	450	475	500	525	550	575	600	625	650		
26.5R29	LBS	30000	30900	33100	34200	35300 *	36480	38600	39700	40800	41900	43000**		
	KG	13600	14000	15000	15500	16000 *	16500	17500	18000	18500	19000	19500**		
	PSI	33	36	40	44	47	51	54	58	62	65	69	73	76
BIAS	KPA	225	250	275	300	325	350	375	400	425	450	475	500	525
26.5-29	LBS	24000	25400	26800	28300	30000	30900	32000(22)	33100	34200	35300(26)	37500	38600	39700(30)
	KG	10900	11500	12150	12850	13600	14000	14500(22)	15000	15500	16000(26)	17000	17500	18000(30)
29.5-29	LBS	28300	30900	32000	34200	35300(22)	37500	38600	39700	41900(28)	43000	44100	45400	46700(34)
	KG	12850	14000	14500	15500	16000(22)	17000	17500	18000	19000(28)	19500	20000	20600	21200(34)

**WIDE BASE SIZE
Tubeless Tires**

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	275	300	325	350	375	400	425	450	475	500	525
29.5R29	LBS	20400	21500	22700	24000	25400*	26800	27600	29100	30000	32000	33100**
	KG	9250	9750	10300	10900	11500*	12150	12500	13200	13600	14500	15000**
33.25R29	LBS	24700	26800	28300	30000	30900*	33100	34200	36480	37500	38600	40800**
	KG	11200	12150	12850	13600	14000*	15000	15500	16500	17000	17500	18500**
BIAS	PSI	25	29	33	36	40	44	47	51	54	58	
	KPA	175	200	225	250	275	300	325	350	375	400	
33.25-29	LBS	22700	24700	26800	28300	30000(26)	30900	33100(32)				
	KG	10300	11200	12150	12850	13600(26)	14000	15000(32)				
33.5-33	LBS	25400	27600	29100	30900	33100	35300	36400(32)	38600	39700	40800(38)	
	KG	11500	12500	13200	14000	15000	16000	16500(32)	17500	18000	18500(38)	
37.5-33	LBS	30900	33100	35300	37500	39700(30)	41900	44100(36)	45500	48100	49400(42)	
	KG	14000	15000	16000	17000	18000(30)	19000	20000(36)	20600	21800	22400(42)	

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	58	62	65	69	73	76	80	83	87	91	94		
RADIAL	KPA	400	425	450	475	500	525	550	575	600	625	650		
29.5R29	LBS	36400	37500	39700	40800	43000*	44100	45400	46700	49400	50700	52000**		
	KG	16500	17000	18000	18500	19500*	20000	20600	21200	22400	23000	23600**		
33.25R29	LBS	44100	46700	48100	50700	52000*	53600	56800	58400	60000	61500	64000**		
	KG	20000	21200	21800	23000	23600*	24300	25750	26500	27250	28000	29000**		
BIAS	PSI	33	36	40	44	47	51	54	58	62	65			
	KPA	225	250	275	300	325	350	375	400	425	450			
33.25-29	LBS	35300	37500	38600(20)	40800	43000	45400(26)	46700	48100	50700	52000(32)			
	KG	16000	17000	17500(20)	18500	19500	20600(26)	21200	21800	23000	23600(32)			
BIAS	PSI	44	47	51	54	58	62	65	69	73	76	80	83	87
	KPA	300	325	350	375	400	425	450	475	500	525	550	575	600
33.5-33	LBS	45400	48100	49400	52000	53600	56800(32)	58400	60000	61500	64000(38)	66000	66000	68000(44)
	KG	20600	21800	22400	23600	24300	25750(32)	26500	27250	28000	29000(38)	30000	30000	30750(44)
BIAS	PSI	33	36	40	44	47	51	54	58	62	65	69	73	76
	KPA	225	250	275	300	325	350	375	400	425	450	475	500	525
37.5-33	LBS	46700	49400	52000	55100	56800	60000	61500(30)	64000	68000	69500(36)	71500	74000	76000(42)
	KG	21200	22400	23600	25000	25750	27500	28000(30)	29000	30750	31500(36)	32500	33500	34500(42)

**WIDE BASE SIZE
Tubeless Tires**

WIDE BASE SIZE

RADIAL



RL-2F RL-3 RL-3F RL-3J

DIMENSIONAL DATA

BIAS



SG LUG SHRL SHRL8
SHRL8 XT HRL-3F SHRL XT DL SXT

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area		Tire Volume		Tread Depth		PERFORMANCE CAPABILITY		
					Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm		in ²	cm ²	gal	ltrs	32nds in	mm	PERFORMANCE CAPABILITY		
																2S tmph tkph	4S tmph tkph	6S tmph tkph
29.5-35	<i>SG LUG (SGL-2A)</i>	<i>E-2</i>	<i>N</i>	25.00-3.5	29.6 752	83.4 2118	32.3 820	37.7 958	250 155	537 3465	281.3 1064.7	47 37		170 250				
	SHRL8 (HRL-3B)	E-3	N		29.7 754	83.3 2116	32.0 813	37.5 953	251 156	522 3368	281.3 1064.7	51 40		160 230				
	<i>SHRL</i>	<i>E-3</i>			29.6 752	83.4 2118	32.3 820	37.7 958	250 155	537 3465	278.0 1052.3	49 39		145 210				
33.25R35	<i>RL-2F</i>	<i>E-2</i>	<i>N</i>	27.00-3.5	33.4 848	87.7 2228	37.4 950	39.0 990	240 149	664 4284	454.9 1721.6	53 42	325 470	245 360				
	<i>RL-2F</i>	<i>L-2</i>	<i>N</i>		33.4 848	87.7 2228	38.4 975	37.8 960	240 149	776 5006	454.9 1721.6	53 42		150 [^] 220	145 [^] 210	53		
	RL-3J	E-3	N		34.9 886	88.3 2243	38.6 980	39.5 1003	238 148	670 4323	486.2 1840.3	53 42		230 340				
	RL-3J	L-3	N		34.9 886	88.3 2243	39.6 1006	39.0 991	238 148	750 4839	486.2 1840.3	53 42						
	<i>RL-3</i>	<i>E-3</i>	<i>N</i>		34.0 864	88.1 2238	37.7 958	40.0 1016	238 148	660 4258	486.2 1840.3	53 42			210 310			
	<i>RL-3</i>	<i>L-3</i>	<i>N</i>		34.0 864	88.1 2238	38.7 983	39.0 991	238 148	800 5161	486.2 1840.3	53 42			135 [^] 200			
	<i>RL-3F</i>	<i>E-3</i>	<i>E</i>		34.5 876	88.2 2240	38.4 976	40.1 1020	238 148	644 4154	486.2 1840.3	53 42			210 310			
	<i>RL-3F</i>	<i>L-3</i>	<i>E</i>		34.5 876	88.2 2240	39.0 991	39.0 991	238 148	785 5064	486.2 1840.3	53 42						
33.25-35	SHRL8 (HRL-3B)	E-3	N L	27.00-3.5	33.7 856	88.4 2245	36.8 935	39.4 1001	237 147	627 4045		54 43		170 250				
	HRL-3F	E-3	N A		33.7 856	87.5 2223	36.8 935	39.8 1011	237 147	627 4045	428.1 1620.5	63 50		160 230				
	<i>HRL D/L-3F</i>	<i>L-3</i>	<i>N</i>		34.1 865	88.7 2252	37.6 955	39.4 1000	236 147	760 4904		63 51						
	<i>SHRL8</i>	<i>E-3</i>	<i>N</i>		33.7 856	88.2 2240	36.4 925	39.3 998	238 148	616 3974		56 44						
	<i>SHRL8 DL</i>	<i>L-3</i>	<i>N</i>		33.7 856	87.5 2223	37.4 950	38.5 978	243 151	782 5045	374.7 1418.1	54 43			110 [^] 160			
	<i>SHRL XT DL</i>	<i>L-4</i>	<i>N</i>		33.1 841	91.1 2314	37.1 942	41.6 1057	225 140	730 4710	348.0 1317.2	87 69			95 [^] 140			
	<i>SXT DL</i>	<i>L-5</i>	<i>N</i>		32.9 836	91.1 2314	36.2 920	42.1 1069	222 138	767 4949	326.7 1236.4	142 113			80 [^] 120	75 [^] 110		
	<i>SMO D/L-5A</i>	<i>L-5S</i>	<i>N</i>		32.9 836	91.1 2314	36.2 920	42.1 1069	222 138	767 4949		137 108			70 [^] 100			

Italicized sizes (light type) not currently in line this location.
Sizes in bold type can be obtained in locations in bold.
 Extended lead time may be needed in other locations.

In Line: **N** = North America **E** = Europe / Africa / Mid East
L = Latin America **A** = Asia / Australia

[^] Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	25	29	33	36	40	44	47	51	54	58	
BIAS	KPA	175	200	225	250	275	300	325	350	375	400	
29.5-35	LBS	20400	22000	24000	25400	26800	28300	30000(28)	30900	32000	33100(34)	
	KG	9250	10000	10900	11500	12150	12850	13600(28)	14000	14500	15000(34)	
33.25-35	LBS	24700	26800	28300	30900	32000	34200	35300(32)	37500	38600	39700(38)	
	KG	11200	12150	12850	14000	14500	15500	16000(32)	17000	17500	18000(38)	
	PSI	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	275	300	325	350	375	400	425	450	475	500	525
33.25R35	LBS	26800	28300	30900	32000	34200 *	35300	37500	38600	40800	41900	44100 **
	KG	12150	12850	14000	14500	15500 *	16000	17000	17500	18500	19000	20000 **

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	58	62	65	69	73	76	80	83	87	91	94			
RADIAL	KPA	400	425	450	475	500	525	550	575	600	625	650			
33.25R35	LBS	48100	50700	53600	55100	56800 *	58400	61500	64000	66000	68000	69500**			
	KG	21800	23000	24300	25000	25750 *	26500	28000	29000	30000	30750	31500**			
	PSI	33	36	40	44	47	51	54	58	62	65	69	73	76	98
BIAS	KPA	225	250	275	300	325	350	375	400	425	450	475	500	525	675
29.5-35	LBS	30900	33100	35300	37500	38600	40800	41900	44100	45400(28)	46700	48100	49400	50700(34)	
	KG	14000	15000	16000	17000	17500	18500	19000	20000	20600(28)	21200	21800	22400	23000(34)	
33.25-35	LBS	37500	39700	41900(20)	44100	46700	49400(26)	50700	53600	55100	56800(32)	58400	60000	61500(38)	74000(50)
	KG	17000	18000	19000(20)	20000	21200	22400(26)	23000	24300	25000	25750(32)	26500	27250	28000(38)	33566(50)

**WIDE BASE SIZE
Tubeless Tires**

WIDE BASE SIZE

RADIAL



RL-2F

RL-3

RL-3J

BIAS



HRL-3F

SHRL8
SHRL8 DL

SXT DL

DIMENSIONAL DATA

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area		Tire Volume		Tread Depth		PERFORMANCE CAPABILITY													
					Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm		in ²	cm ²	gal	ltrs	32nds in	mm	2S		4S		6S									
																in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
37.25R35	<i>RL-2F</i>	<i>E-2</i>	<i>N</i>	31.00-4.0	37.0	939	93.0	2361	42.4	1076	41.2	1047	226	140	764	4929	604.5	2288.0	58	46	375	550	285	420	^150	^220			
	<i>RL-2F</i>	<i>L-2</i>	<i>N</i>		37.0	939	93.0	2361	43.2	1097	40.2	1020	226	140	956	6168	604.5	2288.0	58	46							^160	^230	
	RL-3J	E-3	N		A	40.0	1016	94.1	2390	44.2	1123	41.8	1062	223	139	750	4839	668.8	2531.4	60							46	260	380
	RL-3J	L-3	N			40.0	1016	94.1	2390	44.8	1138	40.7	1034	223	139	910	5871	668.8	2531.4	60							46		
37.25-35	SHRL8 (HRL-3B)	E-3	N L	31.00-4.0	38.6	980	94.1	2390	41.9	1064	41.8	1062	223	139	804	5187	603.5	2284.4	60	48	220	320							
	HRL-3F	E-3	N		A	39.3	998	94.1	2390	42.7	1085	41.8	1062	223	139	804	5187	603.5	2284.4	67			53	210	310				
	SXT DL (HRL-5A)	L-5	N			37.4	950	95.0	2413	40.0	1016	43.8	1113	213	132	950	6129	424.7	1607.4	156			124	^110	^160				
	SHRL8 DL	L-3	N			38.6	980	94.1	2390	40.6	1031	42.9	1090	218	135	986	6362			60			48	^130	^190				
37.5R39	<i>RL-2F</i>	<i>E-2</i>	<i>N</i>	32.00-4.5	37.5	953	99.6	2530	42.3	1074	44.7	1135	211	131	785	5064	680.7	2576.4	57	45	385	560	285	420	^170	^250			
	<i>RL-2F</i>	<i>L-2</i>	<i>N</i>		37.5	953	99.6	2530	43.6	1107	43.4	1102	211	131	937	6045	680.7	2576.4	57	45							^185	^270	
	RL-3J	E-3	N			38.8	986	100.0	2540	43.7	1110	45.3	1150	210	130	815	5258	680.7	2576.4	58							46	295	430
	RL-3J	L-3	N			38.8	986	100.0	2540	44.7	1135	44.0	1118	210	130	980	6322	680.7	2576.4	58							46		
	<i>RL-3</i>	<i>E-3</i>	<i>N</i>			38.5	978	100.0	2540	43.1	1095	45.3	1151	210	130	830	5355	680.7	2576.4	58							46		
	<i>RL-3</i>	<i>L-3</i>	<i>N</i>			38.5	978	100.0	2540	44.7	1135	43.4	1102	210	130	1120	7226	680.7	2576.4	58							46	^155	^230
37.5-39	SHRL8 (HRL-3B)	E-3	N L	32.00-4.5	39.5	1003	99.3	2522	42.3	1074	44.6	1133	209	130	829	5349			61	48	240	350							
	HRL-3F	E-3	N		A	40.2	1021	99.3	2522	43.1	1095	44.6	1133	209	130	829	5349	631.8	2388.0	67			53	225	330				
	<i>HRL D/L-5A</i>	<i>L-5</i>	<i>N</i>			38.4	975	100.8	2560	41.9	1064	46.5	1181	201	125	975	6290	489.3	1852.1	168			133	^115	^170				
	SHRL8 DL	L-3	N			39.5	1003	99.3	2522	41.0	1041	45.8	1163	204	127	1016	6555			61			48						

Italicized sizes (light type) not currently in line this location.
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^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76			
RADIAL	KPA	275	300	325	350	375	400	425	450	475	500	525			
37.25R35	LBS	32000	34200	36400	38600	40800 *	43000	45400	46700	49400	50700	52000**			
	KG	14500	15500	16500	17500	18500 *	19500	20600	21200	22400	23000	23600**			
37.5R39	LBS	35300	37500	39700	41900	44100 *	46700	48100	50700	52000	55100	56800**			
	KG	16000	17000	18000	19000	20000 *	21200	21800	23000	23600	25000	25750**			
	PSI	25	29	33	36	40	44	47	51	54	58	62	65	69	
BIAS	KPA	175	200	225	250	275	300	325	350	375	400	425	450	475	
37.25-35	LBS	30000	32000	34200	36400	38600(30)	40800	43000(36)	44100	46800	48100(42)				
	KG	13600	14500	15500	16500	17500(30)	18500	19500(36)	20000	21200	21800(42)				
37.5-39	LBS	33100	35300	37500	40800	43000	45400	47000(36)	49400	50700	53600(44)	55100	56800	58400(52)	
	KG	15000	16000	17000	18500	19500	20600	21200(36)	22400	23000	24300(44)	25000	25750	26500(52)	

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	58	62	65	69	73	76	80	83	87	91	94				
RADIAL	KPA	400	425	450	475	500	525	550	575	600	625	650				
37.25R35	LBS	58400	60000	64000	66000	68000 *	71500	74000	76000	78500	80500	82500**				
	KG	26500	27250	29000	30000	30750 *	32500	33500	34500	35500	36500	37500**				
37.5R39	LBS	61500	66000	68000	71500	74000 *	76000	78500	82500	85500	88000	91000**				
	KG	28000	30000	30750	32500	33500 *	34500	35500	37500	38750	40000	41250**				
	PSI	33	36	40	44	47	51	54	58	62	65	69	73	76		
BIAS	KPA	225	250	275	300	325	350	375	400	425	450	475	500	525		
37.25-35	LBS	45400	48100	50700	53600	56800	58400	61500(30)	64000	66000	68000(36)	69500	71500	74000(42)		
	KG	20600	21800	23000	24300	25750	26500	28000(30)	29000	30000	30750(36)	31500	32500	33500(42)		
	PSI	44	47	51	54	58	62	65	69	73	76	80	83	87	91	94
BIAS	KPA	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650
37.5-39	LBS	58400	61500	64000	68000	69500	71500	74000(36)	76000	78500	82500	82500(44)	85430	88180	90940	93700(52)
	KG	26500	28000	29000	30750	31500	32500	33500(36)	34500	35500	37500	37500(44)	38750	40000	41250	42500(52)

**WIDE BASE SIZE
Tubeless Tires**

WIDE BASE SIZE

RADIAL



GP-2B RL-4K RT-3A+

BIAS



HRL-3B HRL D/L-4B HRL D/L-4G
NRL DL 5A HRL D/L-5A DRL 4/15C
HRL D/L-4/15C

DIMENSIONAL DATA

Size	Type	Ind Code	Current In Line Location		Rim Width & Flange	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km		Gross Contact Area in ² cm ²		Tire Volume gal ltrs		Tread Depth 32nds in mm		PERFORMANCE CAPABILITY									
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm									2S tmph tkph		4S tmph tkph		6S tmph tkph					
40.5/75R39	GP-2B	E-2	N	A	32.00-4.5	40.4	1026	101.4	2576	45.9	1166	44.9	1140	207	129	983	6342	798.8	3023.5	58	46	400	580	305	450	240	350
	GP-2B	L-2	N			40.4	1026	101.4	2576	46.9	1191	43.1	1095	207	129	1168	7535	798.8	3023.5	58	46						
	RT-3A+	E-3+T	N			40.8	1036	101.6	2581	46.4	1179	44.9	1140	207	129	984	6348	775.0	2934.0	62	49						
	RL-4K	L-4	N	A		40.4	1026	101.4	2576	44.0	1119	44.8	1138	207	129	1093	7050	725.0	2774.0	87	70			^140#	^200#	^125#	^180#
41.25/70-39	NRL D/L-5A	L-5	N	A	32.00-4.5	42.1	1069	98.4	2499	43.8	1113	44.6	1133	209	130	955	6162	549.3	2079.2	145	115			^95	^140	^85	^120
37.5-51	HRL-3B	E-3	N		32.00-4.5	38.7	983	111.8	2840	42.4	1077	50.7	1288	184	114	996	6426			60	48			305	450		
	HRL D/L-5A	L-5	N			37.8	960	113.8	2891	41.5	1054	53.2	1351	176	109	1063	6858	507.3	1920.3	168	133			^170	^250		
49/75-51	HRL D/L-4B	L-4	N		36.00-5.0	50.0	1270	127.8	3246	53.9	1369	58.8	1494	159	99	1867	12046			114	90						
49.5-57	HRL D/L-4B	L-4	N		36.00-6.0	49.9	1268	141.8	3601	54.9	1394	61.2	1555	151	94	2169	13990	1420.6	5369.8	115	91			^200	^290	^170	^250
50/80-57	HRL D/L-4G	L-4	N		36.00-6.0	49.6	1260	140.9	3579	53.2	1352	63.0	1601	148	92	1869	12057	1443.0	5454.5	123	97			^200	^290	^150	^220
	HRL D/L-4/15C	L-4	N			49.6	1260	140.9	3579	53.2	1352	63.0	1601	148	92	1869	12057	1443.0	5454.5	123	97			^200	^290	^150	^220
52/80-57	HRL D/L-4G	L-4	N	A	36.00-6.0	52.0	1321	140.9	3579	55.2	1403	63.0	1601	148	92	1958	12629			123	97						
	DRL 4/15C	L-4	N	A		52.0	1321	140.9	3579	55.2	1403	63.0	1601	148	92	1958	12629			123	97						

Estimated Data

Italicized sizes (light type) not currently in line this location.

Sizes in bold type can be obtained in locations in bold.

Extended lead time may be needed in other locations.

In Line: N = North America
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A = Asia / Australia

^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

	PSI	40	44	47	51	54	58	62	65	69	73	76
RADIAL	KPA	275	300	325	350	375	400	425	450	475	500	525
40.5/75R39	LBS	39700	41900	45400	48100	49400*	52000	55100	56800	60000	61500	64000**
	KG	18000	19000	20600	21800	22400*	23600	25000	25750	27250	28000	29000**
	PSI	25	29	33	36	40	44	47	51	54	58	
BIAS	KPA	175	200	225	250	275	300	325	350	375	400	
37.5-51	LBS	37500	39700	43000	45400	48100	50700	53600(36)	55100	58400	60000(44)	
	KG	17000	18000	19500	20600	21800	23000	24300(36)	25000	26500	27250(44)	

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	58	62	65	69	73	76	80	83	87	91	94				
RADIAL	KPA	400	425	450	475	500	525	550	575	600	625	650				
40.5/75R39	LBS	71500	74000	78500	80500	82500 *	88000	91000	93500	96500	99000	102000**				
	KG	32500	33500	35500	36500	37500*	40000	41250	42500	43750	45000	46250**				
	PSI	44	47	51	54	58	62	65	69	73	76	80	83	87	94	102
BIAS	KPA	300	325	350	375	400	425	450	475	500	525	550	575	600	650	700
41.25/70-39	LBS	64000	66000(34)	69500	71500	74000	78500	80500	82500(42)	85500	88000	91000				
	KG	29000	30000(34)	31500	32500	33500	35500	36500	37500(42)	38750	40000	41250				
37.5-51	LBS	66000	69500	74000	76000	78500	82500	85500(36)	88000	91000	93500	93500(44)				
	KG	30000	31500	33500	34500	35500	37500	38750(36)	40000	41250	42500	42500(44)				
49/75-51	LBS	107500	113500	117000	123500(40)	128000	132500	135500(48)	139000	143500(54)	147500	152000	156500(62)	161000	171000(68)	176500(74)
	KG	48750	51500	53000	56000(40)	58000	60000	61500(48)	63000	65000(54)	67000	69000	71000(62)	73000	77500(68)	80000(74)
49.5-57	LBS	128000	132500	139000	143500	152000(44)	156000	161000	165000	171000	176500	182000(60)	187500	187500	193000(68)	
	KG	58000	60000	63000	65000	69000(44)	71000	73000	75000	77500	80000	82500(60)	85000	85000	87500(68)	
50/80-57	LBS	128000	135500	139000	147500	152000(44)	156500	161000	165500	171000	176500	182000(60)	187500	193000	198500(68)	
	KG	58000	61500	63000	67000	69000(44)	71000	73000	75000	77500	80000	82500(60)	85000	87500	90000(68)	
52/80-57	LBS	135500	139000	147500	152000	161000(44)	165500	171000	176500	182000	187500	193000	198500	204000(68)		
	KG	61500	63000	67000	69000	73000(44)	75000	77500	80000	82500	85000	87500	90000	92500(68)		

**WIDE BASE SIZE
Tubeless Tires**

65 SERIES SIZE

DIMENSIONAL DATA



GP-2B AT-2A GP-3D GP-4D RL-2+ RL-3F

Size	Type	Ind Code	Current In Line Location	Rim Width & Flange (1)	INFLATED DIMENSIONS				LOADED DIMENSIONS				Revol Per mi km	Gross Contact Area		Tire Volume		Tread Depth 32nds		PERFORMANCE CAPABILITY#								
					Overall Width		Overall Diameter		Load Sect & Growth		Static Load Rad			in2	cm2	gal	ltrs	in	mm	2S		4S		6S				
					in	mm	in	mm	in	mm	in	mm								tmph	tkph	tmph	tkph	tmph	tkph			
650/55R25 <i>(25/55R25)</i>	GP-2A	L-2	E	17.00-2.0	24.6	625	54.2	1378	26.5	673	23.4	594	387	241	330	2130	121.4	459.8	34	27								
	GP-2B	L-2	E																									
22/65R25 <i>(555/65R25)</i>	AT-2A	E-2	N	14.00-1.5	21.5	546	54.5	1384	23.9	607	24.3	617	385	240	278	1794	110.1	416.6	27	22	195	280	^90	^130	^75	^110		
	AT-2A	L-2	N																									
550/65R25	GP-3D	E/L-3T	N	E	14.00-1.5	21.4	544	54.4	1362	23.9	607	24.3	617	386	240	290	1874	100.0	379.0	37	29	115	170	86	130	58	80	
600/65/R25	GP-3D	L-3T	N	E	17.00-2.0	23.4	594	56.7	1439	26.7	678	25.4	646	369	229	308	1984	128.0	485.4	40	32	132	190	99	140	66	100	
<i>25/65R25</i>	<i>RL-3F</i>	<i>E-3</i>	<i>N</i>	<i>A</i>	19.50-2.0	25.5	647	58.5	1486	27.4	696	26.6	676	359	223	270	1740	161.4	611.0	40	32							
650/65R25	GP-3D	E/L-3T	N	E	19.50-2.5	26.3	668	58.7	1491	29.5	749	26.2	665	357	222	355	2290	150.0	568.0	44	35	144	210	108	160	73	110	
750/65R25 <i>(30/65R25)</i>	RL-2+	E-3T+	N	E	24.00-3.0	30.2	767	64.1	1628	33.4	848	28.8	732	328	204	466	3004	219.9	833.1	54	43	155	230	115	170	75	110	
	RL-2+	L-3T+	N	E	24.00-3.0	30.2	767	64.1	1628	34.0	864	28.4	721	328	204	450	2903	219.9	833.1	54	43							
	GP-3D	E/L-3T	N	E		30.3	769	64.1	1628	33.9	862	28.9	735	328	204	461	2976	225.0	852.0	47	37	162	240	120	180	78	110	
775/65R29 <i>(800/65R29)</i>	GP-4D	E-4	N	E	24.00-3.0	31.2	792	68.9	1749	34.5	876	30.4	772	305	190	556	3585	250.0	946.0	67	53	169	250	125	180	105	150	
	GP-4D	L-4	N	E	24.00-3.0	31.2	792	68.9	1749	34.5	876	29.8	758	305	190	640	4130	250.0	946.0	67	53							
875/65R29	GP-4D	E-4	N	E		A	27.00-3.0	33.9	861	74.0	1880	37.0	939	32.7	830	282	176	552E	3561#	325.0	1230.0	72	57	189	280	150	220	121
	GP-4D	L-4	N	E	27.00-3.0	33.9	861	74.0	1880	37.0	939	32.7	830	282	176	676E	4362#	325.0	1230.0	72	57							

65 Series vs. Wide Base (Equivalent OD)

550/65R25 ~ 17.5R25 750/65R25 ~ 23.5R25
 600/65R25 ~ NA 800/65R29 ~ 26.5R25
 650/65R25 ~ 20.5R25 875/65R29 ~ 29.5R25

Estimated Data

Italicized sizes (light type) not currently in line this location.

Sizes in bold type can be obtained in locations in bold.

Extended lead time may be needed in other locations.

In Line: N = North America
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^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

5 MPH (10 KM/H) MAXIMUM SPEED SLOW SPEED SERVICE

	PSI	58	62	65	69	73	76	80	83	87	91
RADIAL	KPA	400	425	450	475	500	525	550	575	600	625
25/55R25	LBS	17600	18700	19300	20400*						
	KG	8000	8500	8750	9250*						
550/65R25 (22/65R25)	LBS	16500	17600	18200	18700*	19800	20400	20900	22000	22700	23400**
	KG	7500	8000	8250	8500*	9000	9250	9500	10000	10300	10600**
600/65R25	LBS	19300	19800	20900	21500*	22700	23400	24000	24700	26000	26800**
	KG	8750	9000	9500	9750*	10300	10600	10900	11200	11800	12150**
25/65R25	LBS	19800	20900	21500	22700*	23400	24000	26000	26800	26800	27600**
	KG	9000	9500	9750	10300*	10600	10900	11500	11800	12150	12500**
650/65R25	LBS	22000	23400	24000	25400*	26000	26800	28300	29100	30000	30900**
	KG	10000	10600	10900	11500*	11800	12150	12850	13200	13600	14000**
750/65R25 (30/65R25)	LBS	30000	30900	33100	34200*	35300	36400	37500	38600	39700	41900**
	KG	13600	14000	15000	15500*	16000	16500	17000	17500	18000	19000**
775/65R29 (800/65R29)	LBS	33100	34200	35300	37500*	38600	39700	40800	41900	44100	45400**
	KG	14500	15500	16000	17000*	17500	18000	18500	19000	20000	20600**
30/65R29	LBS	30900	32000	34200	35300*	36480	37500	38600	39700	40800	41900**
	KG	14000	14500	15500	16000*	16500	17000	17500	18000	18500	19000**
875/65R29	LBS	40800	43000	44100	46700*	48100	49400	52000	53600	55100	56800**
	KG	18500	19500	20000	21200*	21800	22400	23600	24300	25000	25750**

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD ARTICULATED DUMP SERVICE

	PSI	29	33	36	40	44	47	51	54	58	62	65	69	73
RADIAL	KPA	200	225	250	275	300	325	350	375	400	425	450	475	500
600/65R25	LBS	8550	9350	10200	10700	11700	12300*	12800	13600	14300	15200**			
	KG	3875	4250	4625	4875	5300	5600*	5800	6150	6500	6900**			
25/65R25	LBS	8800	9650	10500	11000	12000	12800*	13600	13900	14800	15700**			
	KG	4000	4375	4750	5000	5450	5800*	6150	6300	6700	7100**			
650/65R25	LBS	9900	10700	11700	12300	13200	14300*	15200	15700	16500	17600**			
	KG	4500	4875	5300	5600	6000	6500*	6900	7100	7500	8000**			
750/65R25 (30/65R25)	LBS	13200	14300	15700	17100	18200	19300*	20400	21500	22700	23400**			
	KG	6000	6500	7100	7750	8250	8750*	9250	9750	10000	10600**			
30/65R29	LBS	15700	17100	18200	19800	20900	22000*	23400	24700	26000	27600**			
	KG	7100	7750	8250	9000	9500	10000*	10600	11200	11800	12500**			
775/65R29	LBS	16100	17600	18700	20400	21500	22700*	24000	25400	26800	28300**			
	KG	7300	8000	8500	9250	9750	10300*	10900	11500	12150	12850**			
875/65R29	LBS	19300	20900	22700	24700	26000	27600*	29100	30900	32000	34200**			
	KG	8750	9500	10300	11200	11800	12500*	13200	14000	14500	15500**			

65 SERIES SIZE

RADIAL



RL-4K

RL-5K

BIAS



HRL D/L-4B

NRL D/L-5A
HRL DL-4G

NRL D/L-4/15C
NRL D/L-5/15C

DRL 4/15C

NSM D/L-4B
NSM D/L-5B

DIMENSIONAL DATA

Size	Type	Ind Code	Current In Line Location		Rim Width & Flange	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area		Tire Volume		Tread Depth		PERFORMANCE CAPABILITY					
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm		in ²	cm ²	gal	ltrs	32nds in	mm	2S		4S		6S	
																	tkph	tkph	tkph	tkph	tkph	tkph
30/65-29	NRL D/L-5A	L-5	N	E	24.00-3.0	30.4 722	71.3 1811	33.1 841	32.6 828	289 180	436 2813	170.7 646.0	111 88				^50	^70	^45	^70		
875/65R33 (35/65R33)	RL-4K	L-4	N		28.00-3.5	35.6 904	81.9 2079	38.7 982	36.9 937	257 159	686 4426	425.0 1609.0	73 58				125#	180#	111#	162#		
	RL-5K	L-5	N	E A		35.6 904	81.9 2079	38.7 982	36.9 937	257 159	686 4426	411.0 1555.6	120 95				^90	^130	^80	^120		
35/65-33	NRL D/L-4A	L-4	N	A	28.00-3.5	35.7 907	80.5 2045	38.0 965	36.7 932	254 158	618 3987	382.9 1449.4	74 59				^70	^100	^65	^100		
	NRL D/L-5A (&FB)	L-5	N	L A		35.5 901	80.2 2037	38.7 983	36.9 937	253 157	652 4207	311.4 1178.7	122 96				^65	^100	^60	^90		
	NDL D/L-5/15C	L-5	N			35.7 907	80.5 2045	38.7 983	36.7 932	253 157	652 4207	311.4 1178.7	122 96									
	NSM D/L-5B	L-5S	N			35.7 907	80.5 2045	38.7 983	36.7 932	253 157	652 4207	311.4 1178.7	122 96									
40/65-39	NRL D/L-5A	L-5	N	A	32.00-4.0	42.4 1077	94.4 2398	45.9 1166	43.3 1100	216 134	927 5981	457.3 1731.0	137 109				^90	^130	^80	^120		
41.25/70-39	NRL D/L-5A	L-5	N	A	32.00-4.5	42.1 1069	98.4 2499	43.8 1113	44.6 1133	209 130	955 6162	549.3 2079.2	145 115				^95	^140	^85	^120		
45/65R39	RL-4K #	L-4	N		36.00-4.5	45.0 1143	101.6 2578	49.8 1264	44.9 1140	207 129	1046 6745	825.0 3123.0	89 71									
	RL-5K	L-5	N			45.5 1156	101.5 2577	51.9 1318	44.8 1139	213 132	1256 8106	750.0 2839.0	146 116					130#				
45/65R45* (1150/65R45)	RL-4K	L-4	N		36.00-4.5	45.0 1143	107.8 2737	49.4 1255	48.0 1218	195 119	1195 7704	900.0 3407.0	89 71				^170#					
	RL-5K	L-5	N			45.0 1143	107.8 2737	49.4 1255	48.0 1218	195 119	1195 7704	825.0 3123.0	149 118				^155#					
45/65-45	NRL D/L-5A	L-5	N	A	36.00-4.5	45.0 1143	107.6 2733	48.5 1232	49.4 1255	190 118	1050 6775	738.2 2794.3	145 115				^115	^170	^105	^150		
	NRL D/L-5A, C (&FB)	L-5	N			45.0 1143	107.6 2733	48.5 1232	49.4 1255	190 118	1050 6775	738.2 2794.3	145 115									
	NDL D/L-5/15C, S	L-5	N	A		45.0 1143	107.6 2733	48.5 1232	49.4 1255	190 118	1050 6775	738.2 2794.3	148 117									
	NSM D/L-5B, 5S	L-5S	N	A		45.0 1143	107.6 2733	48.5 1232	49.4 1255	190 118	1050 6775	738.7 2796.2	148 117									
49/75-51	HRL D/L-4B	L-4	N		36.00-5.0	50.0 1270	127.8 3246	53.9 1369	58.8 1494	159 99	1867 12046		114 90									
50/65-51	NRL D/L-5A	L-5	N	A	40.00-4.5	51.4 1306	120.5 3061	56.0 1422	54.6 1387	171 106	1630 10514	846.0 3202.1	160 127				^ 135	^200	^120	^180		
67-51	NRL D/L-5A	L-5	N		45.00-5.5	65.6 1666	137.7 3498	72.0 1829	60.2 1529	155 96	2450 15807	1538.0 5820.0	172 137									

Estimated Data

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In Line: N = North America

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E = Europe / Africa / Mid East

A = Asia / Australia

^ Indicates WCF Work Capability Factor

LOAD LIMITS AT COLD INFLATION PRESSURES

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE

	PSI	58	62	65	69	73	76	80	83	87	91	94					
RADIAL	KPA	400	425	450	475	500	525	550	575	600	625	650					
35/65R33 (875/65R33)	LBS KG	43000 19500	45400 20600	46700 21200	49400 22400	50700* 23000*	52000 23600	55100 25000	56800 25750	58400 26500	60000 27250	61500** 28200**					
45/65R39	LBS KG	74000 33500	76000 34500	80500 36500	82500 37500	88000* 40000*	91000 41250	93500 42500	96500 43750	99000 45000	102000 46250	104500** 47500**					
45/65R45 (1150/65R45)	LBS KG	78500 35500	82500 37500	85500 38750	88000 40000	93500* 42500*	96500 43750	99000 45000	102000 46500	104500 47500	110000 50000	113500** 51500**					
BIAS	PSI KPA	47 325	51 350	54 375	58 400	62 425	65 450	69 475	73 500	76 525	80 550	83 575	87 600	91 625	94 650	98 675	
30/65-29	LBS KG	28300 12850	29100(20) 13200(20)	30900 14000	32000(24) 14500(24)												
35/65-33	LBS KG	39700 18000	41900(24) 19000(24)	43000 19500	44100 20000	46700 21200	48100(30) 21800(30)	49400 22400	50700 23000	52000(36) 23600(36)					58400(42) 26500(42)		
38-39	LBS KG	53600 24300	56800 25750	58400 26500	60000(30) 27250(30)	64000 29000	66000 30000	68000 30750	69500 31500	71500 32500	74000 33500	76000 34500	78500 35500				
40/65-39	LBS KG	52000 23600	55100 25000	56800 25750	60000(30) 27250(30)	61500 28000	64000 29000	66000 30000	68000(36) 30750(36)								
41.25/70-39	LBS KG	66000(34) 30000(34)	69500 31500	71500 32500	74000 33500	78500 35500	80500 36500	82500(42) 37500(42)	85500 38750	88000 40000	91000 41250						
45/65-45	LBS KG	71500 32500	76000 34500	78500 35500	82500 37500	85500(38) 38750(38)	88000 40000	91000 41250	93500 42500	96500(46) 43750(46)							
50/65-51	LBS KG	93500 42500	96500 43750	102000 46250	104500 47500	107500 48750	113500 51500	117000(46) 53000(46)	120000 54500	123500 56000	128000 58000	128000(54) 58000(54)	132500 60000			139000(62) 63000(62)	
67-51	LBS KG	156500 71000	165500 75000	171000 77500	176500 80000	187500 85000	193000(54) 87500(54)	198500 90000	204000 92500	209500 95000	215000 97500	220500 100000	227000 103000				

METRIC SIZE - HIGH SPEED

DIMENSIONAL DATA



MC-1A

GP-2A
GP-2B

AT-2A

Size	Type	Load Speed Index	Current In Line Location	Rim Width & Flange	Min. Dual Spacing in mm	INFLATED DIMENSIONS		LOADED DIMENSIONS		Revol Per mi km	Gross Contact Area in ² cm ²	Tire Volume gal ltrs	Tread Depth 32nds in mm	PERFORMANCE CAPABILITY		
						Overall Width in mm	Overall Diameter in mm	Load Sect & Growth in mm	Static Load Rad in mm					2S tmph tkph	4S tmph tkph	6S tmph tkph
445/90R21	AT-2A	173G	N	10.00-1.5	20.2 513	17.1 434	52.1 1323	18.9 480	23.7 602	403 250	195 1258	80.5 304.6	33 26			
650/55R25	GP-2A GP-2B	167B 170E	N E N E	17.00-2.0		24.6 625	54.2 1378	25.8 655	23.9 607	384 241	194 1252		34 27			
555/65R25	AT-2A	172E	N A	14.00-1.5		21.5 546	54.5 1384	24.6 625	23.9 607	385 240	278 1793	110.1 416.6	27 22			
445/80R25	GP-2B	170E	N E	14.00-1.5		17.4 442	53.2 1351	19.1 485	24.6 625	395 245	178 1148	87.6 331.6	32 25			
525/80R25	GP-2B	179E	N E A	17.00-2.0		20.9 531	58.1 1476	23.1 586	26.7 678	362 224	238 1534	132.4 501.3	36 28			
605/80R25	GP-2B	188E	N	19.5-2.5		24.1 612	63.3 1608	26.8 680	29.4 746	332 206	265 1710	192.6 728.0	39 31			
385/95R24/25	GP-2B MC-1A	170E 170E	N E N	10.00W	17.7 450	15.2 386 14.3 363	53.5 1359 53.7 1394	15.5 394 15.6 396	24.9 632 24.0 610	392 244 391 243	152 981 123 793	68.7 260.1	30 24 31 25			
395/80R25	GP-2B	165E	E	12.00-1.3		15.6 396	50.3 1278	17.2 436	22.8 580	419 260	198 1277		30 24			
445/95R25	GP-2B MC-1A	177E 170E	N E A N E	11.25-2.0	20.2 513	17.2 438 16.9 429	58.6 1489 59.0 1499	19.0 482 18.6 472	27.3 693 27.2 691	258 223 356 221	194 1251 197 1271	96.2 364.3 101.7 385.0	34 27 31 25			

Following Are Equivalent In Size But Are Not Interchangeable In Application:

- | | |
|----------------------|----------------------|
| 650/55R25 ~ 25/55R25 | 605/80R25 ~ 23.5R25 |
| 555/65R25 ~ 22/65R25 | 385/95R25 ~ 14.00R25 |
| 445/80R25 ~ 17.5R25 | 445/95R25 ~ 16.00R25 |
| 525/80R25 ~ 20.5R25 | 875/65R29 ~ 35/65R29 |

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LOAD LIMITS AT COLD INFLATION PRESSURES

45 MPH (70 KM/H) REFERENCE SPEED, CRANE SERVICE

	PSI	65	69	73	76	80	83	87		
RADIAL	KPA	450	475	500	525	550	575	600		
650/55R25	LBS	13200	13600	13900	14300	15200	15700	16100		
	KG	6000	6150	6300	6500	6900	7100	7300		
	PSI	65	69	73	76	80	83	87	91	94
RADIAL	KPA	450	475	500	525	550	575	600	625	650
555/65R25	LBS	10700	11000	11700	12000	12300	12800	13200	13600	13900(172E)
	KG	4875	5000	5300	5450	5600	5800	6000	6150	6300(172E)
	PSI	76	80	83	87	91	94	98	102	
RADIAL	KPA	525	550	575	600	625	650	675	700	
445/80R25	LBS	10500	11000	11400	11700	12000	12300	12800	13200(170E)	
	KG	4750	5000	5180	5300	5400	5600	5800	6000(170E)	
525/80R25	LBS	13600	14300	14800	15200	15700	16100	16500	17100(179E)	
	KG	6150	6500	6700	6900	7100	7300	7500	7750(179E)	
605/80R25	LBS	17600	18200	18700	19300	20400	20900	21500	22000(188E)	
	KG	8000	8250	8500	8750	9250	9500	9750	10000(188E)	
	PSI	105	109	112	116	120	123	127	131	141
RADIAL	KPA	725	750	775	800	825	850	875	900	975
385/95R24,25	LBS	11700	12000		12300(L)				13270(170E)(M)	13930(N)
	KG	5300	5450		5600(L)				6000(170E)(M)	6300(N)
445/95R25	LBS	13600	13900	14300	14800	14800	15200	15700	16100(177E)(J)	
	KG	6150	6300	6500	6700	6700	6900	7100	7300(177E)(J)	

55 MPH (90 KM/H) REFERENCE SPEED, CRANE SERVICE

	PSI	65	70	75	80	85	90	95	100	105	110	115	131	141
RADIAL	KPA	450	475	525	550	575	625	650	700	725	750	800	900	975
385/95R24,25	LBS	8150	8620	9070	9500	9930	10340	10730	11400(J)	11700	12000	12300(L)	13270(M)	13930(N)
	KG	3700	3910	4110	4310	4500	4690	4870	5150(J)	5300	5450	5600(L)	6000(M)	6300(N)
445/95R25	LBS										16100(177E)(J)			
	KG										7300(177E)(J)			

TIRES FOR UNDERGROUND MINE SERVICE

DIMENSIONAL DATA

MINE SERVICE



TR MS

XTRWL MS AR

RK MS AR

XTR-3B
UMS-3B

UMS-3A
HARD ROCK LUG

SMO-5B

RL-5K

Size	Type	TT/LL	Design RIM	INFLATED DIMENSIONS				LOADED DIMENSIONS				Revol Per		Contact Area		Tread Depth	
				Overall Width in mm	Overall Diameter in mm	Section Width & Growth in mm	Static Load Rad in mm	mi	km	in2	cm2	32nds in	mm				
27X9-10NHS	UMS-3B	TT	6.00SP	9.5	241	26.7	678									25	20
27X15-10NHS (15L-10 NHS)	UMS 3B	TT	13.00B	14.4	366	27.7	704	15.1	384	12.8	325	747	464	80	516	27	21
24X12-12NHS	Xtra Traction 3B	TL	9.00	11.8	300	24.8	630	12.4	315	11.3	287	838	521	50	323	23	18
8.25-15NHS	Xtra Traction WL Traction Mine Svc	TT TT	6.50T	10.2	259	34.0	864	11.4	290	15.8	401	607	377	76	490	27	21
				10.2	259	34.0	864	11.4	290	15.8	401	607	377	76	490	27	21
32X12-15NHS	Xtra Traction Grip	TT	9.75BD	12.1	307	32.3	820	13.3	338	15.1	384	638	396	80	516	26	21
32X15-15NHS (32X14.50-15NHS)	Xtra Traction WL Traction Mine Svc	TL TT	11.50	14.2	361	32.8	833	14.6	371	15.1	384	632	393	86	555	31	25
				14.2	361	32.8	833	14.6	371	15.1	384	632	393	86	555	31	25
36X11R15NHS	RL-5K	TL	7.50	10.8	274	35.8	909	11.5	291	16.0	405	587	365	58	373	60	48
36X11-15NHS (10.00-15NHS)	Xtra Traction WL Traction Mine Svc	TT TT	7.50V	11.2	284	36.1	917	12.5	318	16.6	422	574	357	91	587	27	21
				11.0	279	36.5	927	12.3	312	16.7	424	569	354	94	606	27	21
35X15R15NHS	RL-5K	TL	11.50	14.4	366	34.4	874	15.7	398	15.4	391	611	379	87	559	60	48
35X15-15NHS (14.50L-15NHS)	Xtra Traction WL Traction Mine Svc	TL TT	11.50	14.2	361	35.2	894	15.5	394	16.4	417	586	364	120	774	31	25
				14.2	361	35.2	894	15.5	394	16.4	417	586	364	120	774	31	25
38X16-15NHS	Rock Mine Service XTR-3D #	TL	11.50 11.50	15.3	389	39.2	996	16.2	411	17.8	452	531	330	145	935	27	21
				15.0	381	38.2	970	16.1	409	17.4	442	550	342	145	935	29	23
10.00-20NHS	Hard Rock Lug	TT	7.50	10.9	277	42.2	1072	11.8	300	19.9	506	498	309	74	477	27	21
12.00-20NHS	UMS-3A	TT	8.50	13.0	330	45.3	1151	14.4	366	20.8	528	457	284	125	807	28	22
12.00R20NHS	RL-5K	TL	8.50	12.3	312	46.6	1184	13.7	348	20.8	528	451	280	165	1067	78	62
14.00-20NHS	UMS-3A XTR-3B #	TT TT	10.00W 10.00W	14.8	376	49.1	1247	16.1	409	22.4	569	425	264	150	968	33	26
				15.8	401	49.5	1257									32	25
42X13-20NHS	Xtra Traction WL #	TT	9.50	12.9	328	41.7	1059	13.8	351	19.7	500	486	302	85	548	27	21
44X18-20NHS	Xtra Traction WL	TL	15.00T	18.5	470	44.1	1120	19.6	498	20.3	516	470	292	200	1290	44	35
46X15R20NHS	RL-5K #	TL	10.00W	14.8	376	46.6	1184	16.2	411	20.8	528	451	280	198	1277	78	62
46X18R20NHS	RL-5K #	TL	13.00	16.8	427	46.6	1184	18.2	462	20.8	528	451	280	337	2174	78	62
50X20-20NHS	Rock Mine Service Xtra Traction-3C #	TL TL	15.00T 15.00T	19.5	495	49.4	1255	21.1#	541#	22.7	577	417	259	230	1484	33	26
				20.2	513	49.9	1267			23.0	584	421	262	198	1280	32	25
12.00-24NHS	SMO-5B	TT	8.50	12.8	325	50.2	1275	14.8	376	23.6	599	402	250	121	781	83	66
14.00-24NHS	SMO-5B	TT	10.00W	15.3	389	55.6	1412	17.0	432	25.9	658	367	228	177	1142	96	76
14.00R24NHS	RL-5K	TL	10.00W	15.0	381	55.8	1417	16.2	411	26.0	660	362	225	190	1226	81	64
17.5R25	RL-5K	TL	14.00	17.8	452	55.1	1398	20.2	513	24.6	624	381	237	215	1389	80	64

Estimated Data

Underground Mine tires available from North America

LOAD LIMITS AT COLD INFLATION PRESSURES

5 MPH (10 KM/H) OFF-THE-ROAD UNDERGROUND MINE SERVICE

BIAS	PSI	95	100	105	110	115	120	125	130	135	140	145	150	▲	▲	▲	▲
	KPA	660	690	720	760	790	830	860	900	930	970	1000	1030	PERMAFOAM INFLATION REQUIRED			
27X9-10NHS	LBS	4405	4540(12)	4675	4800	4930	5050	5175	5295	5415(16)							
	KG	2000	2060(12)	2120	2175	2235	2290	2345	2400	2455(16)							
27X15-10NHS (15L-10)	LBS	6515	6715	6905	7100	7285	7470	7650(20)	7825	8000	8175	8345	8510(24)				
	KG	2955	3045	3130	3220	3305	3390	3470(20)	3550	3630	3710	3785	3860(24)				
24X12-12NHS	LBS	5260	5420	5580	5740	5900	6050	6200	6350	6450	6600	6750	6900				7900(24)
	KG	2385	2460	2530	2605	2675	2745	2810	2880	2925	2995	3060	3130				3585(24)
8.25-15NHS	LBS	5605	5775	5940	6105	6265	6425	6580	6730	6880	7030(16)						8910(24)
	KG	2540	2620	2695	2770	2840	2915	2985	3055	3120	3190(16)						4040(24)
36X11-15NHS (10.00L-15)	LBS	7520	7750	7975	8195	8410(16)	8620	8830	9035	9235	9435	9630(20)					10750(24)
	KG	3410	3515	3615	3715	3815(16)	3910	4005	4100	4190	4280	4370(20)					4875(24)
32X15-15NHS (32X14.50-15)	LBS	8350	8600	8850	9100	9300	9550	9800	10000(20)	10200	10500	10700	10900				11100(24)
	KG	3790	3900	4015	4130	4220	4330	4445	4535(20)	4625	4765	4855	4945				5035(24)
35X15-15NHS (14.50L-15)	LBS	9415	9705	9985	10260	10530	10795	11055	11310(20)	11565	11815	12060	12300				13905(28)
	KG	4270	4400	4530	4655	4775	4895	5015	5130(20)	5245	5360	5470	5580				6305(28)
38X16-15NHS	LBS	11500	11810	12150	12485	12815	13140	13455	13770	14075	14380	14675	14970				17200(32)
	KG	5215	5355	5510	5665	5810	5960	6105	6245	6385	6520	6655	6790				7180(28)
10.00-20NHS	LBS	9350(14)	9650	9900	10200(16)												
	KG	4250(14)	4375	4500	4625(16)												
42X13-20NHS	LBS	10500	10800	11100(16)	11500	11800	12100	12300	12600	12900(20)	13200	13500	13700				17000(32)
	KG	4765	4900	5035(16)	5215	5350	5490	5580	5715	5850(20)	5985	6125	6215				7710(32)
12.00-20NHS	LBS	11700	12000(16)	12300	12800	13200	13600(20)	13900	13900	14300	14800	15200(24)	15200				16500(28)
	KG	5300	5450(16)	5600	5800	6000	6150(20)	6300	6500	6500	6700	6900(24)	6900				7500(28)
44X18-20NHS	LBS	14300	14700	15200	15600	16000	16400	16800	17200	17600	17900	18300	18700				20100(32)
	KG	6485	6670	6895	7075	7260	7440	7620	7800	7985	8120	8300	8480				9115(32)
14.00-20NHS	LBS	16100	16600(20)	17100	17600	18200	18700(24)	18700	19300	19800	20400(28)						22000(32)
	KG	7300	7500(20)	7750	8000	8250	8500(24)	8500	8750	9000	9250(28)						10000(32)
50X20-20NHS	LBS	22500	23200	23900	24500	25200	25800(28)	26400	27100	27700(32)							30000(36)
	KG	10200	10500	10800	11100	11400	11700(28)	12000	12300	12600(32)							13610(36)
14.00-24NHS	LBS	18200	18700(20)	19300	19800	20400	20900(24)	20900	21500	22000(28)							
	KG	8250	8500(20)	8750	9000	9250	9500(24)	9500	9750	10000(28)							
RADIAL	PSI	105	109	112	116	120	123	127	131	134	138	141	145	149	▲	▲	▲
	KPA	725	750	775	800	825	850	875	900	925	950	975	1000	1025			
36X11R15NHS	LBS	8250	8550	8550	8800	9100	9350	9350	9650	9900	10200	10200	10500	10700			12500
	KG	3750	3875	3875	4000	4125	4250	4250	4375	4500	4625	4625	4750	4875			5675
35X15R15NHS	LBS	10200	10500	10700	11000	11400	11700	12000	12000	12300	12800	12800	13200	13200			18300
	KG	4625	4750	4875	5000	5150	5300	5450	5450	5600	5800	5800	6000	6000			8300
12.00R20NHS	LBS	12300	12800	12800	13200	13600**	13900	13900	14300	14800	15200***	15200	15700	16100			20000
	KG	5600	5800	5800	6000	6150**	6300	6300	6500	6700	6900***	6900	7100	7300			9075
46X15R20NHS	LBS	15200	15700	16100	16100***	16500	17100	17600	17600	18200	18700	18700	19300	19800			29700
	KG	6900	7100	7300	7300***	7500	7750	8000	8000	8250	8500	8500	8750	9000			13500
46X18R20NHS	LBS	16100	16500	16500	17100***	17600	18200	18200	18700	19300	19800	19800	20400	20900			31700
	KG	7300	7500	7500	7750***	8000	8250	8250	8500	8750	9000	9000	9250	9500			14400
14.00R24NHS	LBS	12300	12800	13200	13600***												
	KG	5600	5800	6000	6150***												
17.5R25	LBS	20400	20900	21500	22000***												
	KG	9250	9500	9750	10000***												

▲ ALL INFLATION PRESSURES ABOVE 150 PSI REQUIRE PERMAFOAM INFLATION/FILL.
 Above loads and inflations are for tires only. Please consult your rim manufacturer for their approvals.

UNDERGROUND
MINE SERVICE

DRIVE AWAY

**LOAD AND INFLATION TABLES: ENGLISH
CONVENTIONAL SIZE TIRES
MAXIMUM SPEED – 30 MPH
(MINIMUM INFLATION PRESSURE – 25 PSI)**

These Loads and Inflations are to be used for Drive Away Only. They cannot be used for jobsite roading.

DANGER – Operation of vehicles over the road, ignoring speed limitations and cooling requirements as noted below, can void tire warranty and induce premature tire failure!

TIRE LOAD LIMITS (POUNDS) AT VARIOUS COLD INFLATION PRESSURES – POUNDS PER SQUARE INCH (PSI)

Tire Size	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
12.00-20,21NHS	2690	2990	3260	3540	3780	4020	4260	4480	4700	4900	5100	5300	5500	5680	5860	6050
12.00-24,25NHS	3020	3360	3680	3980	4260	4540	4800	5040	5280	5520	5740	5960	6200	6400	6600	6800
13.00-24,25NHS	3500	3880	4260	4600	4920	5240	5540	5820	6100	6400	6650	6900	7150	7400	7600	7850
14.00-20,21NHS	3680	4100	4500	4860	5200	5540	5860	6150	6450	6750	7000	7300	7550	7800	8050	8300
14.00-24,25NHS	4120	4580	5020	5420	5800	6200	6550	6850	7200	7500	7850	8150	8450	8700	9000	9250
16.00-21NHS	4920	5460	5980	6450	6950	7350	7800	8200	8600	8950	9350	9700	10100	10400	10700	11100
16.00-25	5380	5980	6550	7100	7600	8050	8550	9000	9400	9850	10200	10600	11000	11400	11800	12100
18.00-25	6950	7750	8500	9150	9800	10400	11000	11600	12200	12700	13200	13700	14200	14700	15200	15700
18.00-33	8050	9000	9850	10600	11400	12100	12800	13500	14100	14700	15400	15900	16500	17100	17600	18200
18.00-49	10200	11400	12400	13400	14400	15300	16200	17000	17800	18600	19400	20200	20900	21600	22300	23000
21.00-25	8950	9950	10900	11800	12600	13400	14200	14900	15700	16400	17000	17700	18300	18900	19600	20200
21.00-35	10600	11800	12900	14000	15000	15900	16900	17700	18600	19400	20200	21000	21700	22500	23200	23900
21.00-49	12900	14300	15700	17000	18200	19300	20400	21500	22500	23500	24500	25400	26300	27200	28100	29000
24.00-25	11600	12900	14100	15200	16300	17400	18400	19300	20200	21100	22000	22900	23700	24500	25300	26000
24.00-29	12400	13800	15100	16300	17500	18600	19700	20700	21700	22600	23600	24500	25400	26200	27100	27900

**BIAS – 30 MPH
ADD 10 PSI FOR RADIAL**

For Service notes – See next page.

English

Contact your Rim Supplier regarding information on Rim Strength.

**LOAD AND INFLATION TABLES: ENGLISH
CONVENTIONAL SIZE TIRES
MAXIMUM SPEED – 30 MPH
(MINIMUM INFLATION PRESSURE – 25 PSI)**

DRIVE AWAY

DANGER – Operation of vehicles over the road, ignoring speed limitations and cooling requirements as noted below, can void tire warranty and induce premature tire failure!

TIRE LOAD LIMITS (POUNDS) AT VARIOUS COLD INFLATION PRESSURES – POUNDS PER SQUARE INCH (PSI)

Tire Size	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
24.00-35	13600	15100	16600	17900	19200	20400	21600	22700	23800	24800	25800	26800	27800	28800	29700	30600
24.00-43	15200	16900	18500	20000	21400	22700	24000	25300	26500	27700	28800	29900	31000	32100	33100	34100
24.00-49	16300	18100	19900	21500	23000	24500	25900	27200	28500	29800	31000	32200	33400	34500	35600	36700
24.00-51	16700	18600	20300	22000	23500	25000	26500	27800	29200	30500	31700	33000	34100	35300	36400	37500
27.00-33	16200	18100	19800	21400	22900	24400	25800	27100	28400	29700	30900	32100	33200	34400	35500	36600
27.00-49	20000	22200	24300	26300	28200	30000	31700	33300	34900	36500	38000	39400	40900	42300	43600	44900
27.00-51	20400	22700	24900	26900	28800	30600	32400	34100	35700	37300	38800	40300	41800	43200	44600	45900
30.00-33	20000	22200	24300	26300	28200	30000	31700	33300	34900	36500	38000	39400	40900	42200	43600	44900
30.00-51	24700	27500	30100	32500	34900	37100	39200	41300	43200	45200	47000	48800	50600	52300	54000	55600
33.00-51	28600	31900	34900	37700	40400	43000	45400	47800	50100	52300	54500	56500	58600	60500	62500	64500
36.00-51	34900	38800	42500	45900	49200	52300	55300	58200	61000	63500	66500	69000	71500	74000	76000	78500
40.00-57	44500	49600	54200	58600	63000	67000	70500	74500	78000	81500	84500	88000	91000	94000	97500	100000

Service Notes –

A. Regular Tread Tires

1. Maximum highway speeds - Conventional Tires - 30 MPH, Wide Base Tires - 20 MPH
2. Stop for 30 minute cooling period after each 50 miles of driving or 2 hours of sustained operation, whichever comes first.
3. One hour minimum stop should be observed after each 4 hours of operation.
4. Where Conventional and Wide Base tires are mixed on a vehicle, use guidelines specified for Wide Base Tires.

B. Extra Skid Depth and Special Compound Tires

1. Vehicles equipped with extra skid depth tires are not to be driven in transit over the highway unless the proposed trip is reviewed and approved by the tire manufacturer.

C. Instructions for use of Drive-Away Table

1. Determine the load each tire will carry.
2. Using the table, select the inflation pressure shown for the load determined. This is the pressure required for drive-away service.
3. Tire ply rating is ignored when determining drive-away load and pressure conditions.

**BIAS – 30 MPH
ADD 10 PSI FOR RADIAL**

English

Contact your Rim Supplier regarding information on Rim Strength.

**LOAD AND INFLATION TABLES: ENGLISH
WIDE BASE SIZE TIRES
MAXIMUM SPEED – 20 MPH
(MINIMUM INFLATION PRESSURE – 25 PSI)**

DRIVE AWAY

DANGER – Operation of vehicles over the road, ignoring speed limitations and cooling requirements as noted below, can void tire warranty and induce premature tire failure!

TIRE LOAD LIMITS (POUNDS) AT VARIOUS COLD INFLATION PRESSURES – POUNDS PER SQUARE INCH (PSI)

Tire Size	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
15.5-25	3740	4160	4540	4920	5260	5600	5920	6250	6550	6800	7100	7400	7650	7900	8150	8400
17.5-25	4460	4960	5440	5880	6300	6700	7100	7450	7800	8150	8500	8800	9150	9450	9750	10000
20.5-25	5960	6650	7250	7850	8400	8950	9450	9950	10400	10900	11300	11800	12200	12600	13000	13400
23.5-25	7600	8450	9250	10000	10700	11400	12100	12700	13300	13900	14500	15000	15600	16100	16600	17100
26.5-25	9550	10600	11600	12600	13500	14300	15200	16000	16700	17500	18200	18900	19600	20200	20900	21500
26.5-29	10200	11400	12400	13400	14400	15300	16200	17000	17900	18700	19400	20200	20900	21600	22300	23000
29.5-25	11500	12800	14000	15200	16300	17300	18300	19200	20200	21000	21900	22800	23600	24400	25200	25900
29.5-29	12300	13700	14900	16200	17300	18400	19500	20500	21500	22400	23300	24200	25100	26000	26800	27600
29.5-35	13400	14900	16300	17600	18800	20000	21200	22300	23400	24400	25400	26400	27300	28300	29200	30100
33.25-29	15100	16800	18400	19900	21300	22700	24000	25200	26500	27600	28800	29900	30900	32000	33000	34000
33.25-35	16400	18200	20000	21600	23100	24600	26000	27400	28700	29900	31200	32400	33500	34700	35800	36900
33.5-33	16500	18400	20100	21700	23300	24800	26200	27500	28900	30100	31400	32600	33800	34900	36000	37100
33.5-39	17800	19800	21600	23400	25100	26700	28200	29700	31100	32500	33800	35100	36400	37600	38800	40000
37.25-35	19800	22000	24100	26000	27900	29600	31300	33000	34500	36100	37600	39000	40400	41800	43100	44400
37.5-33	19800	22100	24200	26100	28000	29800	31500	33100	34700	36200	37700	39200	40600	42000	43300	44700
37.5-39	21300	23700	25900	28000	30000	32000	33800	35600	37300	38900	40500	42100	43600	45100	46500	47900
37.5-51	24100	26800	29300	31700	34000	36100	38200	40200	42100	44000	45800	47600	49300	51000	52600	54200

Service Notes –

A. Regular Tread Tires

1. Maximum highway speeds - Conventional Tires - 30 MPH, Wide Base Tires - 20 MPH
2. Stop for 30 minute cooling period after each 50 miles of driving or 2 hours of sustained operation, whichever comes first.
3. One hour minimum stop should be observed after each 4 hours of operation.
4. Where Conventional and Wide Base tires are mixed on a vehicle, use guidelines specified for Wide Base Tires.

B. Extra Skid Depth and Special Compound Tires

1. Vehicles equipped with extra skid depth tires are not to be driven in transit over the highway unless the proposed trip is reviewed and approved by the tire manufacturer.

C. Instructions for use of Drive-Away Table

1. Determine the load each tire will carry.
2. Using the table, select the inflation pressure shown for the load determined. This is the pressure required for drive-away service.
3. Tire ply rating is ignored when determining drive-away load and pressure conditions.

**BIAS
ADD 10 PSI FOR RADIAL
20 MPH**

English

Contact your Rim Supplier regarding information on Rim Strength.

**LOAD AND INFLATION TABLES: METRIC
CONVENTIONAL SIZE TIRES
MAXIMUM SPEED – 50 KPH
(MINIMUM INFLATION PRESSURE – 1.75 BAR)**

DRIVE AWAY

DANGER – Operation of vehicles over the road, ignoring speed limitations and cooling requirements as noted below, can void tire warranty and induce premature tire failure!

TIRE LOAD LIMITS (KILOGRAMS) AT VARIOUS COLD INFLATION PRESSURES – BAR

Tire Size	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00
12.00-20,21NHS	1215	1320	1400	1500	1600	1700	1750	1850	1900	2000	2060	2120	2180	2300	2360	2430	2430	2500	2575	2650	2725	2800
12.00-24,25NHS	1400	1500	1600	1700	1800	1900	2000	2060	2180	2240	2300	2430	2500	2575	2650	2725	2800	2800	2900	3000	3075	3075
13.00-24,25NHS	1600	1750	1850	2000	2060	2180	2300	2430	2500	2575	2725	2800	2900	3000	3075	3150	3250	3250	3350	3450	3550	3650
14.00-20,21NHS	1700	1850	1950	2060	2180	2300	2430	2575	2650	2725	2800	2900	3000	3150	3250	3350	3350	3450	3550	3650	3750	3750
14.00-24,25NHS	1900	2060	2180	2300	2430	2575	2725	2800	3000	3075	3150	3250	3350	3450	3550	3650	3750	3875	4000	4125	4125	4250
16.00-21NHS	2240	2430	2575	2800	2900	3075	3250	3350	3550	3650	3750	3875	4000	4125	4250	4375	4500	4625	4750	4875	5000	5000
16.00-25	2430	2650	2900	3000	3250	3350	3550	3650	3875	4000	4125	4250	4375	4500	4625	4875	5000	5000	5150	5300	5450	5600
18.00-25	3150	3450	3650	3875	4125	4375	4625	4750	5000	5150	5300	5600	5800	5800	6000	6300	6300	6500	6700	6900	7100	7100
18.00-33	3650	4000	4250	4500	4875	5000	5300	5600	5800	6000	6150	6500	6700	6900	7100	7300	7500	7500	7750	8000	8250	8250
18.00-49	4625	5000	5450	5800	6150	6500	6700	7100	7300	7500	7750	8000	8500	8750	9000	9250	9500	9500	9750	10000	10300	10600
21.00-25	4125	4375	4750	5000	5300	5600	5800	6150	6300	6700	6900	7100	7300	7500	7750	8000	8250	8500	8500	8750	9000	9250
21.00-35	4875	5300	5600	6000	6300	6700	6900	7300	7500	7750	8250	8500	8750	9000	9250	9500	9750	10000	10300	10600	10600	10900
21.00-49	5800	6300	6900	7300	7750	8000	8500	8750	9250	9500	10000	10300	10600	10900	11200	11500	11800	12150	12500	12500	12850	13200
24.00-25	5300	5800	6150	6500	6900	7300	7500	8000	8250	8500	9000	9250	9500	9750	10000	10300	10600	10900	11200	11500	11800	11800
24.00-29	5600	6150	6500	6900	7300	7750	8250	8500	8750	9250	9500	9750	10300	10600	10900	11200	11500	11800	11800	12150	12500	12850
24.00-35	6150	6700	7300	7750	8000	8500	9000	9250	9750	10000	10600	10900	11200	11500	11800	12150	12500	12850	13200	13600	13600	14000
24.00-43	6900	7500	8000	8500	9000	9500	10000	10300	10900	11200	11800	12150	12500	12850	13200	13600	14000	14500	14500	15000	15500	15500
24.00-49	7500	8000	8750	9250	9750	10300	10600	11200	11800	12150	12500	12850	13200	13600	14000	14500	15000	15500	15500	16000	16500	17000
24.00-51	7750	8250	8750	9500	10000	10600	10900	11500	11800	12500	12850	13200	13600	14000	14500	15000	15500	15500	16000	16500	17000	17000

**BIAS – 50 KPH
ADD .75 BAR FOR RADIAL**

For Service Notes – See previous page.

Metric

Contact your Rim Supplier regarding information on Rim Strength.

**LOAD AND INFLATION TABLES: METRIC
WIDE BASE SIZE TIRES
MAXIMUM SPEED – 32 KPH
(MINIMUM INFLATION PRESSURE – 1.75 BAR)**

DRIVE AWAY

DANGER – Operation of vehicles over the road, ignoring speed limitations and cooling requirements as noted below, can void tire warranty and induce premature tire failure!

TIRE LOAD LIMITS (KILOGRAMS) AT VARIOUS COLD INFLATION PRESSURES – BAR

Tire Size	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00
15.5-25	1700	1850	2000	2120	2240	2360	2430	2575	2650	2800	2900	3000	3075	3150	3250	3350	3450	3550	3650	3650	3750	3875
17.5-25	2060	2180	2360	2500	2650	2800	2900	3075	3150	3350	3450	3550	3650	3750	3875	4000	4125	4250	4250	4375	4500	4625
20.5-25	2725	3000	3150	3350	3550	3750	3875	4125	4250	4375	4625	4750	4875	5000	5150	5300	5450	5600	5800	5800	6000	6150
23.5-25	3450	3750	4000	4250	4500	4750	5000	5300	5450	5600	5800	6000	6300	6500	6700	6900	6900	7100	7300	7500	7750	7750
26.5-25	4375	4750	5000	5450	5600	6000	6300	6500	6900	7100	7300	7500	7750	8000	8250	8500	8750	9000	9250	9500	9750	9750
26.5-29	4625	5000	5450	5800	6150	6500	6700	7100	7300	7500	7750	8000	8500	8750	9000	9250	9250	9500	9750	10000	10300	10600
29.5-25	5300	5800	6150	6500	6900	7300	7500	8000	8250	8500	8750	9250	9500	9750	10000	10300	10600	10900	11200	11500	11500	11800
29.5-29	5600	6000	6500	6900	7300	7750	8000	8500	8750	9000	9500	9750	10000	10300	10600	10900	11200	11500	11800	12150	12500	12500
29.5-35	6150	6700	7100	7500	8000	8500	8750	9250	9500	10000	10300	10600	10900	11200	11500	11800	12150	12500	12850	13200	13600	13600
33.25-29	6900	7500	8000	8500	9000	9500	10000	10300	10900	11200	11500	12150	12500	12850	13200	13600	14000	14000	14500	15000	15000	15500
33.25-35	7500	8000	8750	9250	9750	10300	10900	11200	11800	12150	12500	13200	13600	14000	14500	14500	15000	15500	16000	16000	16500	17000
33.5-33	7500	8250	8750	9250	9750	10300	10900	11200	11800	12150	12850	13200	13600	14000	14500	15000	15000	15500	16000	16500	16500	17000
33.5-39	8250	8750	9500	10000	10600	11200	11800	12150	12850	13200	13600	14000	14500	15000	15500	16000	16500	16500	17000	17500	18000	18500
37.25-35	9000	9750	10600	11200	11800	12500	12850	13600	14000	14500	15000	15500	16000	16500	17000	17500	18000	18500	19000	19500	20000	20600
37.5-33	9000	9750	10600	11200	11800	12500	13200	13600	14000	14500	15000	16000	16500	17000	17500	17500	18000	18500	19000	19500	20000	20600
37.5-39	9750	10600	11200	12150	12850	13200	14000	14500	15000	16000	16500	17000	17500	18000	18500	19000	19500	20000	20600	21200	21200	21800
37.5-51	10900	11800	12850	13600	14500	15000	16000	16500	17000	18000	18500	19000	20000	20600	21200	21800	21800	22400	23000	23600	24300	25000

MAXIMUM SPEED – 50 KPH

TIRE LOAD LIMITS (KILOGRAMS) AT VARIOUS COLD INFLATION PRESSURES – BAR

Tire Size	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	6.25	6.50	6.75	7.00
27.00-33	7500	8000	8500	9250	9750	10300	10600	11200	11500	12150	12500	12850	13200	13600	14000	14500	15000	15500	15500	16000	16500	16500
27.00-49	9250	10000	10600	11200	11800	12500	13200	13600	14500	15000	15500	16000	16500	17000	17500	18000	18500	19000	19500	19500	20000	20600
27.00-51	9250	10000	10900	11500	12150	12850	13600	14000	14500	15000	15500	16500	17000	17500	18000	18500	19000	19000	19500	20000	20600	21200
30.00-33	9250	10000	10600	11200	11800	12500	13200	13600	14500	15000	15500	16000	16500	17000	17500	18000	18500	19000	19000	19500	20000	20600
30.00-51	11200	12150	13200	14000	14500	15500	16000	17000	17500	18500	19000	19500	20000	21200	21800	22400	22400	23000	23600	24300	25000	25750
33.00-51	13200	14000	15000	16000	17000	18000	19000	19500	20600	21200	21800	23000	23600	24300	25000	25750	26500	27250	27250	28000	29000	29000
36.00-51	16000	17500	18500	19500	20600	21800	23000	23600	25000	25750	26500	28000	29000	29000	30000	31500	32500	32500	33500	34500	35500	35500
40.00-57	20600	21800	23600	25000	26500	28000	29000	30750	31500	33500	34500	35500	36500	37500	38750	40000	41250	41250	42500	43750	45000	46250

For Service Notes See Page 69.

Contact your Rim Supplier for Rim Strength Information.

LOAD INDEX SPEED SYMBOL MARKINGS

SPEED SYMBOL	SPEED	
	KMH	MPH
A1	5	2.5
A2	10	5
A3	15	10
A4	20	12.5
A5	25	15
A6	30	20
A7	35	22.5
A8	40	25
B	50	30
C	60	35
D	65	40
E	70	43
F	80	50
G	90	55
J	100	62

SPEED SYMBOL

A symbol indicating the speed at which the tire can carry a load corresponding to its Load Index under specified service conditions.

LOAD INDEX

A numerical code associated with the maximum load a tire can carry at the speed indicated by its Speed Symbol under specified service conditions.

SERVICE DESCRIPTION

A service designation which is distinct from the size designation, consisting of the Load Index and Speed Symbol.

EXAMPLE - 525/80R25 179E

LOAD INDEX – KILOGRAM LOADS, AND TRA EQUIVALENT POUND LOADS

LI	kg	lbs.	LI	kg	lbs.	LI	kg	lbs.	LI	kg	lbs.
0	45	99	40	140	310	80	450	990	120	1400	3080
1	46.2	102	41	145	320	81	462	1020	121	1450	3200
2	47.5	105	42	150	330	82	475	1050	122	1500	3300
3	48.7	107	43	155	340	83	487	1070	123	1550	3420
4	50	110	44	160	355	84	500	1100	124	1600	3520
5	51.5	114	45	165	365	85	515	1140	125	1650	3640
6	53	117	46	170	375	86	530	1170	126	1700	3740
7	54.5	120	47	175	385	87	545	1200	127	1750	3860
8	56	123	48	180	395	88	560	1230	128	1800	3960
9	58	128	49	185	410	89	580	1280	129	1850	4080
10	60	132	50	190	420	90	600	1320	130	1900	4180
11	61.5	136	51	195	430	91	615	1360	131	1950	4300
12	63	139	52	200	440	92	630	1390	132	2000	4400
13	65	143	53	206	455	93	650	1430	133	2060	4540
14	67	148	54	212	465	94	670	1480	134	2120	4680
15	69	152	55	218	480	95	690	1520	135	2180	4800
16	71	157	56	224	495	96	710	1570	136	2240	4940
17	73	161	57	230	505	97	730	1610	137	2300	5080
18	75	165	58	236	520	98	750	1650	138	2360	5200
19	77.5	170	59	243	535	99	775	1710	139	2430	5360
20	80	175	60	250	550	100	800	1760	140	2500	5520
21	82.5	180	61	257	565	101	825	1820	141	2575	5680
22	85	185	62	265	585	102	850	1870	142	2650	5840
23	87.5	195	63	272	600	103	875	1930	143	2725	6000
24	90	200	64	280	615	104	900	1980	144	2800	6150
25	92.5	205	65	290	640	105	925	2040	145	2900	6400
26	95	210	66	300	660	106	950	2090	146	3000	6600
27	97.5	215	67	307	675	107	975	2150	147	3075	6800
28	100	220	68	315	695	108	1000	2200	148	3150	6950
29	103	225	69	325	715	109	1030	2270	149	3250	7150
30	106	235	70	335	740	110	1060	2340	150	3350	7400
31	109	240	71	345	760	111	1090	2400	151	3450	7600
32	112	245	72	355	785	112	1120	2470	152	3550	7850
33	115	255	73	365	805	113	1150	2540	153	3650	8050
34	118	260	74	375	825	114	1180	2600	154	3750	8250
35	121	265	75	387	855	115	1215	2680	155	3875	8550
36	125	275	76	400	880	116	1250	2760	156	4000	8800
37	128	280	77	412	910	117	1285	2830	157	4125	9100
38	132	290	78	425	935	118	1320	2910	158	4250	9350
39	136	300	79	437	965	119	1360	3000	159	4375	9650

LOAD INDEX – KILOGRAM LOADS, AND TRA EQUIVALENT POUND LOADS

LI	kg	lbs.	LI	kg	lbs.	LI	kg	lbs.	LI	kg	lbs.
160	4500	9900	192	11200	24700	224	28000	61500	256	71000	156500
161	4625	10200	193	11500	25400	225	29000	64000	257	73000	161000
162	4750	10500	194	11800	26000	226	30000	66000	258	75000	165500
163	4875	10700	195	12150	26800	227	30750	68000	259	77500	171000
164	5000	11000	196	12500	27600	228	31500	69500	260	80000	176500
165	5150	11400	197	12850	28300	229	32500	71500	261	82500	182000
166	5300	11700	198	13200	29100	230	33500	74000	262	85000	187500
167	5450	12000	199	13600	30000	231	34500	76000	263	87500	193000
168	5600	12300	200	14000	30900	232	35500	78500	264	90000	198500
169	5800	12800	201	14500	32000	233	36500	80500	265	92500	204000
170	6000	13200	202	15000	33100	234	37500	82500	266	95000	209500
171	6150	13600	203	15500	34200	235	38750	85500	267	97500	215000
172	6300	13900	204	16000	35300	236	40000	88000	268	100000	220500
173	6500	14300	205	16500	36400	237	41250	91000	269	103000	227000
174	6700	14800	206	17000	37500	238	42500	93500	270	106000	233500
175	6900	15200	207	17500	38600	239	43750	96500	271	109000	240500
176	7100	15700	208	18000	39700	240	45000	99000	272	112000	247000
177	7300	16100	209	18500	40800	241	46250	102000	273	115000	253500
178	7500	16500	210	19000	41900	242	47500	104500	274	118000	260000
179	7750	17100	211	19500	43000	243	48750	107500	275	121000	267000
180	8000	17600	212	20000	44100	244	50000	110000	276	125000	275500
181	8250	18200	213	20600	45400	245	51500	113500	277	128500	283500
182	8500	18700	214	21200	46700	246	53000	117000	278	132000	291000
183	8750	19300	215	21800	48100	247	54500	120000	279	136000	300000
184	9000	19800	216	22400	49400	248	56000	123500	280	140000	308500
185	9250	20400	217	23000	50700	249	58000	128000	281	145000	319500
186	9500	20900	218	23600	52000	250	60000	132500	282	150000	330500
187	9750	21500	219	24300	53600	251	61500	135500	283	155000	341500
188	10000	22000	220	25000	55100	252	63000	139000	284	160000	353000
189	10300	22700	221	25750	56800	253	65000	143500	285	165000	364000
190	10600	23400	222	26500	58400	254	67000	147500	286	170000	375000
191	10900	24000	223	27250	60000	255	69000	152000	287	175000	386000

LOAD/SPEED VARIATIONS HIGHWAY

FOR EARTHMOVER TIRES
USED IN SUSTAINED HIGHWAY USE

1. T&RA STANDARD BASED UPON LOAD AT 90 KMH

Operating Speed		% Load Change
KMH	MPH	
30	20	+86%
40	25	+77%
50	30	+69%
60	35	+60%
70	43	+43%
80	50	+17%
90	55	No Change
100	62	-14%

2. ETRTO STANDARD BASED UPON RATED LOAD AT 70 KMH

Operating Speed (KMH)	% Load Change
30	+30%
40	+24%
50	+18%
60	+12%
70	No Change
80	-18%
90	-30%
100	-40%

These tables apply to AT-2A, MC-1A and metric sized GP-2B tire sizes only

LOAD/SPEED VARIATIONS OFF-THE-ROAD

1. EARTHMOVER 40 MPH (65KPH) SERVICE

Aspect Ratio	T&RA (English)		Aspect Ratio	ETRTO (Metric)	
		% Change (from 30 MPH)			% Change (from 50 KPH)
Conventional		-15%	Conventional		-15%
Wide Base		-17%	Wide Base		-17%

2. EARTHMOVER AND INDUSTRIAL VEHICLE SLOW SPEED SERVICE

Max Speed	T&RA (English)		Max Speed	ETRTO (Metric)	
		% Change (from 5 MPH)			% Change (from 10 KPH)
Static		+60%	Static		+60%
Creep		+30%	1 KPH		+30%
2 1/2 MPH		+15%	5 KPH		+13%
5 MPH		No Change	10 KPH		No Change
10 MPH		-13%	15 KPH		-7%
15 MPH		-20%	20 KPH		-12%
			25 KPH		-15%

3. INDUSTRIAL VEHICLE SERVICE* ON SMOOTH FLOORS & RUNWAYS

Max Speed	T&RA (English)		Max Speed	ETRTO (Metric)	
		% Change (from 5 MPH)#			% Change (from 10 KPH)#
Static		+80%	Static		+80%
Creep		+60%	1 KPH		+60%
2 1/2 MPH		+45%	5 KPH		+45%
5 MPH		+35%	10 KPH		+35%
10 MPH		+30%	15 KPH		+30%
15 MPH		+25%	20 KPH		+27%
			25 KPH		+25%

*For coil haulers, log stackers, and straddle carriers the item 3 loads are maximums. For container handlers, piggy-packers and industrial fork lift trucks Goodyear's warranty allowance applies to the 2 1/2 MPH and 5 KPH factors only. Travel distance limited to 2500 ft.

#For inflation pressure use 5 MPH/10 KPH inflations times 1.20. For steer wheel on fork lift trucks multiply the industrial vehicle ratings by 0.8.

Contact your Rim Supplier regarding information on Rim Strength.

APPROXIMATE SHIPPING DATA

Size / Type	Tire Cubeage		Tire Weight	
	Ft ³	M ³	Pounds	Kilograms
750-15 SMC-1A 6 TL	4.6	0.13	45	20
750-15 SMC-1A 6 TT	4.7	0.13	45	20
750-15 SMC-1A 14 TT	4.7	0.13	55	25
820-15 SRB-7A 4 TT	4.2	0.12	29	13
900-15 SRB-7A 6 TT	5.9	0.17	39	18
900-15 SRB-7A 4 TL	5.9	0.17	33	15
900-15 SRB-7A 6 TL	5.9	0.17	39	18
900-15 SRB-7A 4 TT	5.9	0.17	33	15
900-16 SRB-7A 8 TT	7.2	0.21	49	22
1100-16 SRB-7A 6 TT	8.0	0.23	52	24
1600-16 SRB-7A 6 TT	13.9	0.39	81	37
1600-16 SRB-7A 8 TT	13.9	0.39	94	43
1100-20 WRL-3A 16 TT	13.2	0.37	202	81
1200-20 HRL-3A 24 TT	15.4	0.44	218	99
1200-20 HRL-3A 16 TT	15.4	0.44	231	105
1200-20 UMS-3A 20 TT	15.4	0.44	231	105
1300-20 SGG-2A 10 TT	17.3	0.49	141	64
1400-20 SRB-7A 10 TT	20.4	0.58	135	61
1400-20 SRB-7A 12 TT	20.4	0.58	148	67
1400-20 WRL-3A 24 TT	20.7	0.59	307	139
1400R20 AT-2A J TT	21.3	0.60	290	132
1600-20 SRB-7A 12 TT	26.7	0.76	306	139
1600-20 EAW-7A 16 TT	28.8	0.82	266	121
1600-20 AWG-1A 14 TT	27.8	0.79	285	129
1600R20 AT-2A M TT	26.9	0.76	370	168
825-20 SGG-2A 6 TT	8.3	0.24	61	28
825-20 SGG-2A 10 TT	8.3	0.24	69	31
950-20 SMO-5B 16 TT	11.1	0.32	242	110
24-205 SRB-7A 14 TL	40.7	1.15	311	141
24-205 SRB-7A 16 TL	40.7	1.15	336	152
24-205 SRB-7A 14 TT	40.7	1.15	311	141
24-205 SRB-7A 16 TT	40.7	1.15	336	152
245-205 SRS-7A 14 TT	42.1	1.19	363	165
245-205 SRS-7A 16 TT	42.1	1.19	383	174
245-205 SRS-7A 16 TL	42.1	1.19	383	174
245-205 SRS-7A 14 TL	42.1	1.19	363	165

Size / Type	Tire Cubeage		Tire Weight	
	Ft ³	M ³	Pounds	Kilograms
1400R21 AT-2A J TL	21.3	0.60	290	132
1600-21 HRL-3A 20 TT	29.0	0.82	430	195
1600R21 AT-2A M TL	26.9	0.76	370	168
24-21 SRB-7A 14 TL	40.7	1.15	311	141
24-21 SRB-7A 16 TL	40.7	1.15	336	152
24-21 SRS-7A 14 TL	42.1	1.19	363	165
24-21 SRS-7A 16 TL	42.1	1.19	383	174
24-21 SRB-7A 14 TT	40.7	1.15	311	141
24-21 SRB-7A 16 TT	40.7	1.15	336	152
24-21 SRS-7A 14 TT	42.1	1.19	363	165
24-21 SRS-7A 16 TT	42.1	1.19	383	174
2725-21 SRB-7A 16 TT	54.9	1.56	370	168
2725-21 SAW-7A 16 TT	54.9	1.56	406	184
1000-24 SGG-2A 8 TT	14.4	0.41	106	48
1200-24 AMS-4/5A 16 TT	19.5	0.55	270	122
1200-24 AMS-4/5A 20 TT	19.5	0.55	298	135
1200-24 SGG-2A 8 TT	17.5	0.50	127	58
1200-24 SGG-2A 12 TL	17.5	0.50	140	64
1200R24 RL-4J *** TT	19.5	0.55	335	152
1200R24 RL-4J J TL	19.5	0.55	325	147
1300-24 RBG-1A 10 TT	19.5	0.55	185	84
1300-24 SMC-1A 22 TT	21.7	0.62	249	113
1300-24 SGG-2A 8 TT	19.9	0.56	166	75
1300-24 SGG-2A 10 TT	19.9	0.56	170	77
1300-24 SGG-2A 12 TT	19.9	0.56	187	85
1300-24 SGG-2A 8 TL	19.9	0.56	166	75
1300-24 SGG-2A 10 TL	19.9	0.56	170	77
1300-24 SGG-2A 12 TL	19.9	0.56	187	85
1300-24 SMG-1A 10 TT	19.2	0.54	161	73
1300R24 RL-2F * TL	20.0	0.57	265	120
1400-24 WRL-3A 24 TT	23.5	0.66	318	144
1400-24 AMS-5/15C 20 TL	26.7	0.76	531	241
1400-24 DMS D/L-5/15C 20 T	26.7	0.76	531	241
1400-24 WRL-3A 28 TT	23.5	0.66	354	161
1400-24 SMO-5B 20 TL	26.7	0.76	612	278
1400-24 SGG-2A 8 TL	23.1	0.65	168	76
1400-24 SGG-2A 10 TL	23.1	0.65	183	83

APPROXIMATE SHIPPING DATA

Size / Type	Tire Cubeage		Tire Weight		Size / Type	Tire Cubeage		Tire Weight	
	Ft ³	M ³	Pounds	Kilograms		Ft ³	M ³	Pounds	Kilograms
1400-24 SGG-2A 12 TL	23.1	0.65	201	91	1400-25 HRR-1A 20 TL	24.6	0.70	277	126
1400-24 SGG-2A 16 TL	23.1	0.65	227	103	1400R25 RL-4J *** TT	27.4	0.78	490	222
1400-24 ASG-2A 10 TL	22.7	0.64	178	81	1400R25 RL-2F L TL	25.1	0.71	360	163
1400-24 ASG-2A 12 TL	22.7	0.64	194	88	1400R25 RL-4F L TL	27.5	0.78	435	197
1400-24 RKG-3A 16 TL	24.7	0.70	246	112					
1400-24 RKG-3C 12 TL	24.3	0.69	246	112	1600-25 HRL-4A 24 TL	35.7	1.01	580	263
1400-24 RKG-3C 16 TT	25.6	0.72	270	122	1600-25 HRR-1A 24 TL	31.7	0.90	455	206
1400-24 SGG-4B 10 TT	25.3	0.72	211	96	1600-25 HRR-1A 32 TL	31.7	0.90	490	222
1400-24 SGG-4B 10 TL	26.7	0.76	211	96	1600-25 HRL-4B 28 TL	35.7	1.01	587	266
1400-24 SGG-4B 12 TT	25.3	0.72	231	105	1600-25 HRL-4A 24 TT	35.7	1.01	580	263
1400-24 SGG-4B 12 TL	26.7	0.76	231	105	1600-25 AMS-4/5A 24 TT	36.1	1.02	681	309
1400-24 SGG-4B 16 TL	26.7	0.76	255	116	1600-25 AMS-4/5A 28 TT	36.1	1.02	705	320
1400-24 AWG-1A 10 TL	23.6	0.67	173	78	1600-25 HRL-4A 24 TL	35.7	1.01	564	256
1400-24 AWG-1A 12 TL	23.6	0.67	213	97	1600-25 HRL-3A 16 TL	34.0	0.96	414	188
1400-24 SMG-1A 8 TT	22.4	0.64	166	75	1600-25 HRL-3A 20 TL	34.0	0.96	477	216
1400-24 SGG-2A 10 TT	23.1	0.65	183	83	1600-25 HRL-3A 24 TL	34.0	0.96	482	219
1400-24 SGG-2A 12 TT	23.1	0.65	201	91	1600-25 HRL-3A 28 TL	34.0	0.96	488	221
1400-24 RKG-3C 12 TT	24.3	0.69	246	112	1600R25 GP-2B**	35.3	1.00	486	220
1400-24 AWG-1A 12 TT	23.6	0.67	213	97	1600R25 RL-3+ ** TL	35.7	1.01	626	284
1400-24 HRR-1A 24 TT	24.6	0.70	272	123	1600R25 RL-2F ** TL	35.5	1.00	481	218
1400-24 SMO-4B 20 TT	26.7	0.76	444	201	1600-25 ELV-3A 28 TL	34.0	0.96	493	224
1400R24 RL-4J *** TL	27.4	0.78	490	222					
1400R24 RL-2F L TL	25.1	0.71	360	163	1800-25 HRL-3A 16 TL	47.8	1.35	536	243
1400R24 RL-4F L TL	27.5	0.78	435	197	1800-25 SGL-2A 12 TL	46.9	1.33	468	212
1400R24 RL-2F * TL	23.8	0.67	360	163	1800-25 SRB-7A 12 TL	40.8	1.16	330	150
1400R24SG-2B* TL			272	123	1800-25 HRL-3A 20 TL	47.8	1.35	554	251
1400R24AS-3A* TL			267	121	1800-25 HRL-4B 32 TL	49.9	1.41	848	385
					1800-25 HRL-3A 24 TL	47.8	1.35	587	266
1600-24 HRL-3A 24 TT	34.0	0.96	495	225	1800-25 HRL-4B 28 TL	49.9	1.41	803	364
1600-24 RBG-1A 12 TL	32.5	0.92	368	167	1800-25 HRL-3A 28 TL	47.8	1.35	612	278
1600-24 SGG-2A 12 TL	30.8	0.87	313	142	1800-25 HRL-3A 32 TL	47.8	1.35	641	291
1600-24 SGG-2A 16 TL	30.8	0.87	337	153	1800-25 HRR-1A 24 TL	48.3	1.37	595	270
1600-24 RKG-3A 12 TL	33.5	0.95	355	161	1800-25 SGL-2A 16 TL	46.9	1.33	470	213
1600-24 RKG-3A 16 TL	33.5	0.95	376	171	1800-25 HRR-1A 32 TL	48.3	1.37	677	307
1600-24 PVG-7A 12 TL	36.0	1.02	285	129	1800-25 AMS-4/5A 24 TL	51.1	1.45	934	424
1600R24 RL-2F * TL	33.4	0.95	400	181	1800-25 HRR-1A 20 TL	48.3	1.37	549	249
					1800-25 ELV-3A 32 TL	47.8	1.35	668	303
1800-24 HRL-3A 24 TT	47.4	1.34	662	300	1800-25 ELV-3A 36 TL	47.8	1.35	691	313
2100-24 HRL-3A 24 TT	65.8	1.86	780	354	1800-25 ELV 4/5A 36 TL	51.1	1.45	946	429
22-24 SGL D/L-2A 12 TL	37.2	1.05	361	164	1800-25 ELV 4/5A 40 TL	51.1	1.45	979	440
22-24 SGL D/L-2A 16 TL	37.2	1.05	373	169					

APPROXIMATE SHIPPING DATA

Size / Type	Tire Cubeage		Tire Weight		Size / Type	Tire Cubeage		Tire Weight	
	Ft ³	M ³	Pounds	Kilograms		Ft ³	M ³	Pounds	Kilograms
1800-25 ELV 4B 40 TL	49.9	1.41	834	378	2100R25 SR-7A ** TL	68.5	1.94	730	331
1800-25 AMS-4/5A 28 TT	51.1	1.45	962	436	2100-25 ELV-3A 32 TL	65.8	1.86	912	414
1800-25 SMO-4B 24 TL	49.3	1.40	942	427	22-25 SGL D/L-2A 12 TL	36.5	1.03	338	153
1800-25 SMO-4B 28 TL	49.3	1.40	973	441	2400-25 HRL-3A 24 TT	82.9	2.35	1057	479
1800-25 AMS-5/8F 24 TL	49.5	1.40	1067	484	61x1800-25 RTS-1A 44 TL	42.6	1.21	698	317
1800-25 AMS-5/8F 28 TT	49.5	1.40	1112	504	2400-29 HRL-3A 24 TT	89.1	2.52	1095	497
1800-25 AMS-5/11F 24 TL	49.5	1.40	1016	461					
1800-25 AMS-5/11F 28 TT	49.5	1.40	1058	480	1800-33 HRL-4B 24 TL	63.3	1.79	866	393
1800-25 AMS-5/15C 24 TL	49.3	1.40	1066	484	1800-33 HRL-4B 28 TL	63.3	1.79	912	414
1800-25 AMS-5/15C 28 TL	49.3	1.40	1100	499	1800-33 HRL-4B 32 TL	63.3	1.79	954	433
1800-25 DMS D/L-5/15C 24 T	49.3	1.40	1066	484	1800-33 HRL-4B 36 TL	63.3	1.79	993	450
1800-25 DMS D/L-5/15C 28 T	49.3	1.40	1100	499	1800-33 HRL-3A 24 TL	61.3	1.74	713	323
1800-25 SMO-5A 24 TL	49.3	1.40	1137	516	1800-33 HRL-3A 28 TL	61.3	1.74	753	342
1800-25 SMO-5A 28 TL	49.3	1.40	1170	531	1800-33 HRL-3A 32 TL	61.3	1.74	806	366
1800-25 SMO-5B 24 TL	49.3	1.40	1107	502	1800-33 HRR-1A 32 TL	59.5	1.68	861	391
1800-25 SMO-5B 28 TL	49.3	1.40	1146	520	1800-33 HRL-4A 32 TT	63.3	1.79	964	437
1800-25 HRL-4A 24 TL	50.4	1.43	745	338	1800R33 RL-4J ** TL	63.0	1.79	1075	488
1800-25 HRL-4A 28 TL	50.4	1.43	785	356	1800R33 GP-2 ** TL	55.7	1.58	815	370
1800-25 HRL-4A 32 TL	50.3	1.42	828	376	1800R33 RL-2F ** TL	58.0	1.64	835	379
1800-25 HRL-4A 36 TL	50.3	1.42	878	398	1800R33 RL-3+ ** TL	60.0	1.70	1050	476
1800-25 EAW-7A 28 TL	46.7	1.32	558	253	1800R33 RL-4F ** TL	63.5	1.80	1025	465
1800-25 EAW-7A 40 TT	46.7	1.32	638	289	1800R33 RL-4 ** TL	62.3	1.76	1070	485
1800-25 HRL-3A 12 TL	47.8	1.35	506	230					
1800R25 RL-4J ** TL	50.3	1.42	895	406	2700-33 HRL-3A 30 TL	138.2	3.91	1604	728
1800R25 RL-2F * TL	45.9	1.30	655	297	3000-33 EAW-7A 40 TT	173.1	4.90	1707	774
1800R25 RL-2F ** TL	45.9	1.30	655	297					
1800R25 RL-3+ ** TL	47.1	1.33	850	386	2100-35 HRL-4A 32 TT	89.9	2.55	1273	577
1800R25 RL-4 ** TL	49.0	1.39	886	402	2100-35 HRL-4A 40 TT	89.9	2.55	1379	626
1800R25 RL-5K ** TL	50.8	1.44	1010	458	2100-35 HRL-4B 32 TL	89.3	2.53	1282	582
1800R25 SM-5A ** TL	50.8	1.44	327	148	2100-35 HRL-4A 36 TT	89.9	2.55	1324	601
					2100-35 HRL-4B 36 TL	89.3	2.53	1332	604
2100-25 SRB-7A 16 TL	61.1	1.73	424	192	2100-35 HRL-4B 40 TL	89.3	2.53	1381	626
2100-25 SRB-7A 16 TT	61.1	1.73	424	192	2100-35 HRL-3A 28 TL	84.4	2.39	1049	476
2100-25 HRL-3A 24 TL	65.8	1.86	796	361	2100-35 HRL-3C 28 TL	88.7	2.51	1070	485
2100-25 SGL-2A 24 TL	61.5	1.74	636	288	2100-35 HRL-3A 32 TL	84.4	2.39	1105	501
2100-25 EAW-7A 44 TT	64.9	1.84	922	418	2100-35 HRL-3A 46 TL	84.4	2.39	1157	525
2100R25 SR-7A * TL	68.5	1.94	700	318	2100-35 HRL-3C 40 TL	88.7	2.51	1230	558
2100R25 SR-7A ** TL	68.5	1.94	730	331	2100-35 MRL-4B 32 TL	89.3	2.53	1390	630
2100R25 SR-7A * TL	68.5	1.94	700	318	2100-35 MRL-4B 36 TL	89.3	2.53	1442	654
2100R25 RL-2F ** TL	81.5	2.31	1097	498	2100-35 MRL-4B 40 TL	89.3	2.53	1500	680

APPROXIMATE SHIPPING DATA

Size / Type	Tire Cubeage		Tire Weight		Size / Type	Tire Cubeage		Tire Weight	
	Ft ³	M ³	Pounds	Kilograms		Ft ³	M ³	Pounds	Kilograms
2100-35 HRR-1A 32 TL	88.3	2.50	1094	496	2400-49 MRL-4B 36 TL	153.0	4.33	2180	989
2100-35 HRL-4A 28 TL	89.9	2.55	1222	554	2400-49 MRL-4B 42 TL	153.0	4.33	2331	1057
2100-35 HRL-4A 32 TL	89.9	2.55	1273	577	2400-49 MRL-4B 48 TL	153.0	4.33	2406	1091
2100-35 HRL-4A 36 TL	89.9	2.55	1324	601	2400-49 HRL-3B 42 TL	148.8	4.21	1861	844
2100-35 HRL-4A 28 TT	89.9	2.55	1222	554	2400R49 RL-4J ** TL	158.0	4.47	2240	1016
2100-35 HRL-4A 40 TL	89.9	2.55	1379	626	2400R49 RL-3 ** TL	145.8	4.13	2170	984
2100R35 RL-4J ** TL	87.5	2.48	1425	646	2400R49 RL-4 ** TL	153.7	4.35	2390	1084
2100R35 RL-2F ** TL	81.5	2.31	1194	542					
2100R35 RL-3+ ** TL	84.1	2.38	1440	653	2700-49 HRL-3B 42 TL	181.2	5.13	2328	1056
2100R35 RL-4F ** TL	88.3	2.50	1440	653	2700-49 HRL-3B 48 TL	180.8	5.12	2420	1098
					2700-49 HRL-4B 42 TL	190.8	5.40	2647	1201
2400-35 HRL-4B 30 TL	114.3	3.24	1547	702	2700-49 HRL-4B 48 TL	190.8	5.40	2819	1279
2400-35 HRL-4B 36 TL	114.3	3.24	1664	755	2700-49 SHY-7A 42 TL	181.4	5.14	2200	998
2400-35 HRL-4B 42 TL	114.3	3.24	1717	779	2700-49 HRL-3B 36 TL	181.2	5.13	2164	982
2400-35 HRL-3A 30 TL	109.9	3.11	1324	601	2700R49 RL-3 ** TL	186.0	5.27	2820	1279
2400-35 HRL-3A 36 TL	109.9	3.11	1436	651	2700-49 MRL-4D 42 TL	190.8	5.40	2879	1306
2400-35 HRL-3A 42 TL	109.9	3.11	1501	681	2700-49 MRL-4D 48 TL	190.8	5.40	3007	1364
2400-35 MRL-4B 30 TL	114.3	3.24	1650	748	2700R49 RL-4 ** TL	187.9	5.32	2880	1306
2400-35 MRL-4B 36 TL	114.3	3.24	1774	805	2700R49 RL-4J ** TL	193.6	5.48	3015	1368
2400-35 MRL-4B 42 TL	114.3	3.24	1830	830	2700R49 GP-2B **			2410	1093
2400R35 RL-4J ** TL	117.4	3.32	1830	830	2700R49 RL-4H			3015	1368
2400R35 RL-2F ** TL	105.7	2.99	1498	679					
2400R35 RL-3+ ** TL	108.2	3.06	1860	844	2700-51 HRL-4B 42 TL	199.3	5.64	2824	1281
2400R35 RL-4F ** TL	117.7	3.33	1775	805	2700-51 HRL-4B 48 TL	199.3	5.64	2990	1356
					3000-51 HRL-3B 40 TL	238.1	6.74	2793	1267
3000-39 HRL-3B 40 TL	190.0	5.38	2382	1080	3000-51 HRL-3B 46 TL	238.1	6.74	3039	1378
2400-43 HRL-4B 42 TL	136.3	3.86	2018	915	3000-51 HRL-4B 46 TL	250.8	7.10	3526	1599
2400-43 HRL-3B 42 TL	135.7	3.84	1717	779	3000-51 HRL-4B 52 TL	250.8	7.10	3740	1696
					3000-51 MRL-4B 46 TL	250.8	7.10	3570	1619
1800-49 HRL-4B 32 TL	94.0	2.66	1256	570	3000-51 MRL-4B 52 TL	250.8	7.10	3840	1742
2100-49 HRL-4B 36 TL	120.9	3.42	1702	772	3000R51 RL-4H ** TL	260.7	7.38	4560	2068
2100-49 HRL-4B 40 TL	120.9	3.42	1764	800					
2100-49 HRL-3B 36 TL	118.6	3.36	1475	669	3300-51 HRL-4B 42 TL	298.3	8.45	4298	1950
2100-49 HRL-4B 32 TL	120.9	3.42	1645	746	3300-51 HRL-4B 50 TL	298.3	8.45	4416	2003
					3300-51 HRL-4B 58 TL	298.3	8.45	4560	2068
2400-49 HRL-3B 36 TL	148.8	4.21	1790	812	3300R51 RL-3J ** TL	296.4	8.39	3980	1805
2400-49 HRL-3B 48 TL	148.8	4.21	1984	900	3300R51 RL-4H ** TL	308.9	8.75	5085	2307
2400-49 HRL-4B 36 TL	153.0	4.33	2030	921					
2400-49 HRL-4B 42 TL	153.0	4.33	2172	985	3600-51 HRL-4B 42 TL	378.1	10.71	5345	2424
2400-49 HRL-4B 48 TL	153.0	4.33	2248	1020	3600-51 HRL-4B 50 TL	378.1	10.71	5654	2565
					3600-51 MRL-4B 50 TL	378.1	10.71	5740	2604

APPROXIMATE SHIPPING DATA

Size / Type	Tire Cubeage		Tire Weight		Size / Type	Tire Cubeage		Tire Weight	
	Ft ³	M ³	Pounds	Kilograms		Ft ³	M ³	Pounds	Kilograms
3600-51 HRL-4B 58 TL	378.1	10.71	6120	2776	175R25 RL-5K* TL			650	295
3600-51 MRL-4B 42 TL	378.1	10.71	5420	2458	175R25 AT-2A ** TL	28.1	0.80	320	145
3600-51 MRL-4B 58 TL	378.1	10.71	6170	2799	175R25 RL-2F * TL	28.9	0.82	330	150
3600-51 SRB-7A 42 TL	338.1	9.57	3407	1545	175R25 RL-2+ * TL			368	167
3600R51 RL-3+ ** TL	359.0	10.16	5550	2517	205-25 HRL D/L-3A 16 TL	44.2	1.25	498	226
3600R51 RL-3 ** TL	385.9	10.93	5360	2431	205-25 HRL-3A 16 TL	44.2	1.25	482	219
3600R51 RL-4H ** TL	385.9	10.93	5880	2667	205-25 HRL-3A 20 TL	44.2	1.25	517	235
3600R51 RL-4J II ** TL			5790	2626	205-25 HRL D/L-3A 12 TL	44.2	1.25	484	220
					205-25 HRL D/L-5A 12 TL	47.4	1.34	826	375
30-565 HRL-4B 42 TL	187.9	5.32	2714	1231	205-25 SMO D/L-5B 12 TL	47.4	1.34	977	443
30-565 HRL-4B 48 TL	187.9	5.32	2883	1308	205-25 SGL D/L-2A 12 TL	43.5	1.23	373	169
3700R57 RL-4H ** TL	446.3	12.64	6750	3062	205-25 SMO D/L-5B 12 TL	47.4	1.34	977	443
4000-57 HRL-4B 60 TL	497.0	14.07	7663	3476	205-25 HRL-3A 12 TL	44.2	1.25	469	213
4000R57 RL-4H ** TL	552.7	15.65	8200	3720	205-25 SGL-2A 16 TL	43.3	1.23	395	179
4000R57 RL-4B ** TL			8200	3720	205-25 SGL-2A 20 TL	43.3	1.23	431	196
4000R57 RL-3A ** TL			7730	3506	205-25 SGL D/L-2A 16 TL	43.5	1.23	402	182
					205R25 GP-2B* TL	40.6	1.15	476	216
155-25 HRL D/L-3A 12 TL	22.9	0.65	224	102	205R25 GP-2B** TL	40.6	1.15	491	223
155-25 SGL D/L-2A 8 TL	22.2	0.63	138	63	205R25 RL-2+ * TL	41.5	1.17	507	230
155-25 SGL D/L-2A 12 TL	22.2	0.63	189	86	205R25 SM-3A ** TL	43.0	1.22	660	299
155R25 RL-2F * TL	23.5	0.67	270	122	205R25 RL-5F * TL	46.1	1.31	833	378
					205R25 RL-2F * TL	40.9	1.16	465	211
175-25 SGL D/L-2A 12 TL	28.8	0.82	245	111	205R25 SM-3A ** TL	43.0	1.22	660	299
175-25 SGL D/L-2A 14 TL	28.8	0.82	264	120	205R25 RL-2+ ** TL	41.5	1.17	547	248
175-25 SGL D/L-2A 16 TL	28.8	0.82	266	121	205R25 RL-2F ** TL	40.9	1.16	503	228
175-25 DMS D/L-5/15C 16 T	30.8	0.87	710	322	20.5R25 RL-5K* TL	46.5	1.35	840	381
175-25 SGL D/L-2A 20 TL	28.8	0.82	280	127	20.5R25 GP-4BAT * TL	42.0	1.19	584	265
175-25 DMS D/L-5/15C 20 T	30.8	0.87	729	331	20.5R25 GP-4BAT ** TL	42.0	1.19	593	269
175-25 HRL D/L-3A 12 TL	29.1	0.82	284	129					
17.5 HRL 16			307	139	235-25 HRL D/L-4A 20 TL	62.4	1.77	974	442
175-25 SMO D/L-5B 20 TL	30.8	0.87	729	331	235-25 SGL D/L-2A 16 TL	56.0	1.59	582	264
175-25 AMS D/L-5/15C 16 T	30.8	0.87	710	322	235-25 SGL D/L-2A 20 TL	56.0	1.59	612	278
175-25 AMS D/L-5/15C 20 T	30.8	0.87	729	331	235-25 HRL D/L-3A 16 TL	56.7	1.60	691	313
175-25 DMS D/L-5/15C 16 T	30.8	0.87	710	322	235-25 HRL-3A 16 TL	56.7	1.60	587	266
175-25 SMO D/L-5B 16 TL	30.8	0.87	710	322	235-25 HRL-3A 12 TL	56.7	1.60	573	260
175-25 SMO D/L-5B 20 TL	30.8	0.87	729	331	235-25 HRL D/L-3A 24 TL	56.7	1.60	755	342
175-25 AMS D/L-5/15C 16 T	30.8	0.87	710	322	235-25 HRL-3A 20 TL	56.7	1.60	626	284
175-25 SMO D/L-5B 16 TL	30.8	0.87	710	322	235-25 HRL D/L-4A 12 TL	62.4	1.77	919	417
175-25 DMS D/L-5/15C 20 T	30.8	0.87	729	331	235-25 HRL D/L-4A 16 TL	62.4	1.77	932	423
175-25 AMS D/L-5/15C 20 T	30.8	0.87	729	331	235-25 HRL D/L-5A 16 TL	62.0	1.76	1137	516
175R25 GP-2B* TL	28.3	0.81	309	140	235-25 HRL D/L-5A 20 TL	62.0	1.76	1201	545

APPROXIMATE SHIPPING DATA

Size / Type	Tire Cubeage		Tire Weight		Size / Type	Tire Cubeage		Tire Weight	
	Ft ³	M ³	Pounds	Kilograms		Ft ³	M ³	Pounds	Kilograms
235-25 HRL D/L-5B 12 TL	61.6	1.74	832	377	265R25 GP-2B* TL	73.9	2.09	929	421
235-25 HRL D/L-5B 20 TL	61.6	1.74	898	407	265R25 GP-2B** TL	73.9	2.09	935	424
235-25 HRL D/L-3A 20 TL	56.7	1.60	714	324	265R25 RL-2F * TL	74.0	2.09	959	435
235-25 SGL D/L-2A 12 TL	56.0	1.59	530	240	265R25 RL-2+ ** TL	74.8	2.12	1200	544
235-25 SGL-2A 16 TL	55.4	1.57	517	235	265R25 RL-2F ** TL	74.0	2.09	1025	465
235-25 SGL-2A 20 TL	55.4	1.57	557	253	265R25 RL-2+ * TL	74.8	2.12	1145	519
235-25 HRL D/L-5B 16 TL	61.6	1.74	842	382	26.5R25 RL-5K* TL			1498	679
235-25 SGL-2A 12 TL	55.4	1.57	503	228	26.5R25 GP-4B * TL			1056	479
235-25 HRL D/L-5A 12 TL	62.0	1.76	1123	509	26.5R25 GP-4B ** TL			1060	481
235-25 HRL D/L-3A 12 TL	56.7	1.60	656	298					
235R25 GP-2B* TL	56.4	1.60	661	300	29.5-25 HRL D/L 4A 22 PR			1557	706
235R25 GP-2B** TL	56.4	1.60	676	307	295-25 HRL D/L-3A 16 TL	94.9	2.69	1213	550
235R25 RL-2F * TL	56.5	1.60	660	299	295-25 HRL-3A 28 TL	94.9	2.69	1160	526
235R25 RL-3F * TL	56.5	1.60	755	342	295-25 HRL-3A 22 TL	94.9	2.69	1111	504
235R25 RL-2+ * TL	57.2	1.62	770	349	295-25 HRL D/L-5A 22 TL	98.7	2.79	2102	953
235R25 RL-3F ** TL	56.5	1.60	755	342	295-25 SGL-2A 28 TL	94.2	2.67	976	443
235R25 RL-2+ ** TL	57.2	1.62	808	367	295-25 SGL-2A 22 TL	94.2	2.67	930	422
235R25 RL-2F ** TL	56.5	1.60	723	328	295-25 SRB-7A 28 TL	90.1	2.55	880	399
23.5R25 RL-5K * TL			1105	501	295-25 SRB-7A 34 TL	90.1	2.55	985	447
23.5R25 GP-4B * TL			813	369	295-25 HRL D/L-4A 16 TL	100.9	2.86	1571	713
23.5R25 GP-4B ** TL			825	374	295-25 SRB-7A 22 TL	90.1	2.55	785	356
					295-25 HRL D/L-5A 16 TL	98.7	2.79	1987	901
265-25 AMS D/L-5/15C 26 T	79.9	2.26	1629	739	295-25 SGL D/L-2A 16 TL	94.2	2.67	1074	487
265-25 SMO D/L-5B 26 TL	79.9	2.26	1665	755	295-25 HRL D/L-3A 22 TL	94.9	2.69	1253	568
265-25 DMS D/L-5/15C 26 T	79.9	2.26	1629	739	295-25 SGL-2A 16 TL	94.2	2.67	852	386
265-25 SGL-2A 26 TL	74.2	2.10	690	313	295-25 DRL D/L-5A 28 TL	108.1	3.06	2300	1043
265-25 SGL D/L-2A 14 TL	74.2	2.10	790	358	295-25 HRL D/L-4A 28 TL	100.9	2.86	1659	753
265-25 SGL-2A 20 TL	74.2	2.10	688	312	295-25 SGL D/L-2A 22 TL	94.2	2.67	1050	476
265-25 HRL D/L-3A 14 TL	73.6	2.09	976	443	295R25 GP-2B* TL	93.3	2.65	1216	552
265-25 HRL-3A 24 TL	73.6	2.09	898	407	295R25 GP-2B** TL	93.3	2.65	1240	563
265-25 HRL-3A 26 TL	73.6	2.09	899	408	295R25 RL-2F ** TL	93.4	2.65	1225	556
265-25 HRL D/L-4A 20 TL	79.9	2.26	1326	601	295R25 RL-2F * TL	93.4	2.65	1225	556
265-25 SMO D/L-5B 26 TL	79.9	2.26	1665	755	29.5R25 RL-2+ * TL			1376	624
265-25 AMS D/L-5/15C 26 T	79.9	2.26	1679	762	29.5R25 RL-2+ ** TL			1388	630
265-25 HRL D/L-5A 20 TL	79.9	2.26	1485	674	29.5R25 GP-4B * TL			1307	593
265-25 DMS D/L-5/15C 26 T	79.9	2.26	1679	762	29.5R25 GP-4B ** TL			1329	603
265-25 HRL-3A 20 TL	73.6	2.09	860	390	295R25 RL-5K ** TL	105.1	2.98	2160	980
265-25 SGL D/L-2A 20 TL	74.2	2.10	843	382	295R25 RL-5K * TL	105.1	2.98	2130	966
265-25 HRL D/L-3A 20 TL	73.6	2.09	1062	482	295R25 GP-3 * TL	94.2	2.67	1350	612
265-25 SGL-2A 24 TL	74.2	2.10	726	329	295R25 RL-2F ** TL	93.4	2.65	1225	556
					295R25 UM-5A ** TL	105.5	2.99	2160	980

APPROXIMATE SHIPPING DATA

Size / Type	Tire Cubeage		Tire Weight		Size / Type	Tire Cubeage		Tire Weight	
	Ft ³	M ³	Pounds	Kilograms		Ft ³	M ³	Pounds	Kilograms
3325-25 HRL D/L-4A 32 TL	159.0	4.50	2696	1223	295R29 RL-2+ * TL	108.7	3.08	1523	691
265-29 SGL-2A 26 TL	83.5	2.36	892	405	295R29 RL-2+ ** TL	108.7	3.08	1559	707
265-29 HRL-3A 26 TL	83.4	2.36	933	423	295R29 RL-3 * TL	104.2	2.95	1759	798
265R29 GP-3 * TL	82.0	2.32	1200	544	295R29 RL-4K			2054	932
265R29 RL-2F ** TL	82.2	2.33	1070	485	295R29 RL-5K			2317	1051
295-29 HRL D/L-5A 28 TL	108.4	3.07	2240	1016	3325-29 HRL-3B 26 TL	132.0	3.74	1463	664
295-29 HRL-3A 34 TL	104.9	2.97	1333	605	3325R29 RL-2F ** TL	133.7	3.79	1740	789
295-29 HRL D/L-4A 28 TL	110.4	3.13	1869	848	335-33 HRL-3B 44 TL	152.2	4.31	1997	906
295-29 HRL D/L-3A 28 TL	104.9	2.97	1479	671	335-33 HRL-3B 38 TL	152.2	4.31	1848	838
295-29 SMO D/L-5B 22 TL	108.4	3.07	2222	1008	335-33 HRL-3B 32 TL	152.2	4.31	1719	780
295-29 HRL D/L-3A 22 TL	104.9	2.97	1449	657	335-33 HRL D/L-4A 52 TL	162.5	4.60	2988	1355
295-29 SGL-2A 28 TL	104.2	2.95	1277	579	335-33 HRL D/L-3A 44 TL	152.2	4.31	2151	976
295-29 AMS D/L-5/8B 34 TL	107.4	3.04	2526	1146					
295-29 DRL D/L-5A 28 TL	108.1	3.06	2300	1043	375-33 SGL D/L-2A 30 TL	197.6	5.60	2249	1020
295-29 AMS D/L-5/8B 22 TL	107.4	3.04	2294	1041	375-33 HRL-3F 30 TL	199.0	5.64	2153	977
295-29 SGL D/L-2A 22 TL	104.2	2.95	1182	536	375-33 SGL-2A 36 TL	197.6	5.60	2347	1065
295-29 SMO D/L-5B 34 TL	108.4	3.07	2403	1090	375-33 HRL D/L-3A 36 TL	199.0	5.64	2487	1128
295-29 HRL D/L-5A 22 TL	108.4	3.07	2102	953	375-33 HRL D/L-3A 54 TL	199.0	5.64	2754	1249
295-29 SMO D/L-4B 22 TL	110.8	3.14	1920	871	375-33 HRL-3F 36 TL	199.0	5.64	2227	1010
295-29 HRL D/L-3A 34 TL	104.9	2.97	1594	723	375-33 HRL-3B 42 TL	199.0	5.64	2325	1055
295-29 HRL-3A 28 TL	104.9	2.97	1272	577	375-33 HRL-3B 30 TL	199.0	5.64	2153	977
295-29 HRL-3A 22 TL	104.9	2.97	1220	553	375-33 HRL-3B 36 TL	199.0	5.64	2227	1010
295-29 HRL-3A 40 TL	104.9	2.97	1445	655	375-33 HRL-3F 42 TL	199.0	5.64	2325	1055
295-29 HRL D/L-4A 22 TL	110.4	3.13	1810	821					
295-29 SMO D/L-4B 22 TL	110.8	3.14	1920	871	295-35 HRL-3B 32 TL	121.8	3.45	1478	670
295-29 AMS D/L-5/8B 34 TL	107.4	3.04	2526	1146	295-35 SGL-2A 28 TL	119.2	3.37	1275	578
295-29 SMO D/L-5B 22 TL	108.4	3.07	2222	1008	295-35 HRL-3B 28 TL	121.8	3.45	1415	642
295-29 AMS D/L-5/8B 28 TL	107.4	3.04	2385	1082					
295-29 SGL-2A 22 TL	104.2	2.95	1011	459	3325-35 SMO D/L-5B 32 TL	158.0	4.47	3430	1556
295-29 SMO D/L-5B 28 TL	108.4	3.07	2361	1071	3325-35 HRL D/L-5A 26 TL	158.0	4.47	3148	1428
295-29 SGL-2A 34 TL	104.2	2.95	2347	1065	3325-35 HRL-3F 32 TL	149.3	4.23	1773	804
295-29 HRL D/L-5A 34 TL	108.4	3.07	2343	1063	3325-35 HRL-3F 38 TL	149.3	4.23	1904	864
295-29 SMO D/L-5B 34 TL	108.4	3.07	2403	1090	3325-35 HRL D/L-3A 38 TL	149.3	4.23	2159	979
295-29 SMO D/L-5B 28 TL	108.4	3.07	2361	1071	3325-35 SGL-2A 26 TL	151.1	4.28	1600	726
295-29 AMS D/L-5/8B 22 TL	107.4	3.04	2294	1041	3325-35 SGL D/L-2A 20 TL	151.1	4.28	1656	751
295R29 RL-5C * TL	108.1	3.06	1550	703	3325-35 HRL-3B 32 TL	149.3	4.23	1773	804
295R29 RL-3 ** TL	104.7	2.96	1790	812	3325-35 HRL D/L-5A 32 TL	158.0	4.47	3253	1476
295R29 RL-2F * TL	104.0	2.94	1304	591	3325-35 HRL-3B 38 TL	149.3	4.23	1904	864
295R29 RL-2F ** TL	104.0	2.94			3325-35 SGL-2A 32 TL	151.1	4.28	1768	802

APPROXIMATE SHIPPING DATA

Size / Type	Tire Cubeage		Tire Weight		Size / Type	Tire Cubeage		Tire Weight	
	Ft ³	M ³	Pounds	Kilograms		Ft ³	M ³	Pounds	Kilograms
3325-35 SGL-2A 38 TL	151.1	4.28	1949	884	38-39 NRL D/L-4A 30 TL	193.5	5.48	2805	1272
3325-35 SMO D/L-5B 32 TL	158.0	4.47	3430	1556	38-39 NRL D/L-5A 30 TL	200.5	5.68	3642	1652
3325-35 HRL D/L-3A 20 TL	149.3	4.23	1916	869	375-51 HRL-3B 44 TL	279.9	7.93	3128	1419
3325-35 HRL D/L-4A 26 TL	159.0	4.50	2568	1165	22/65R25 AT-2A * TL	36.8	1.04	415	188
3325R35 RL-3F * TL	155.3	4.40	2190	993	25/55R25 GP-2B* TL	59.3	1.81	457	207
3325R35 RL-3 * TL	152.7	4.32	2460	1116	25/65R25 RL-3F * TL	53.0	1.50	677	307
3325R35 RL-3 ** TL	152.7	4.32	2640	1197	25/65R25 RL-3F ** TL	53.0	1.50		
3325R35 RL-2F * TL	146.0	4.13	1925	873	30/65R25 RL-2+*	84.3	2.57	880	399
3325R35 RL-2F ** TL	146.0	4.13	1925	873	30/65R25 RL-2+**	84.3	2.57	893	405
3325R35 RL-3J ** TL	155.3	4.40	2190	993	30/65-29 NRL D/L-5A 16 TL	89.4	2.53	1610	730
					30/65-29 NRL D/L-5A 24 TL	89.4	2.53	1715	77
					30/65R29 RL-5C* TL			1596	724
3725-35 HRL-3F 36 TL	197.8	5.60	2369	1075	35/65-33 NRL D/L-5/15C 24 TL	133.9	3.79	2332	1058
3725-35 HRL D/L-3A 30 TL	197.8	5.60	2538	1151	35/65-33 NRL D/L-5A 24 TL	133.9	3.79	2332	1058
3725-35 HRL D/L-5A 42 TL	195.3	5.53	4122	1870	375/65-33 NRL D/L-5/15C 30 TL	133.9	3.79	2905	1318
3725-35 HRL-3B 30 TL	197.8	5.60	2211	1003	35/65-33 NRL D/L-4A 24 TL	132.1	3.74	1976	896
3725-35 HRL-3B 42 TL	197.8	5.60	2514	1140	35/65-33 NRL D/L-4A 30 TL	132.1	3.74	2314	1050
3725-35 HRL-3B 36 TL	197.8	5.60	2369	1075	35/65-33 NRL D/L-5A 30 TL	133.9	3.79	2694	1222
3725-35 HRL D/L-5A 36 TL	195.3	5.53	4000	1814	35/65-33 NSM DL-5B 24 TL			2339	1061
3725-35 HRL-3F 42 TL	197.8	5.60	2514	1140	35/65R33 RL-4K * TL			2289	1038
3725-35 HRL-3F 30 TL	197.8	5.60	2211	1003	35/65R33 RL-5K * TL	138.2	3.91	2438	1106
3725R35 RL-2F ** TL	191.9	5.43	2410	1093	40/65-39 NRL D/L-5A 30 TL	218.7	6.19	3855	1749
335-39 HRL-3B 38 TL	172.4	4.88	2068	938	40/65-39 NRL D/L-4A 30 TL	216.7	6.14	3140	1424
375-39 HRL-4B 44 TL	232.6	6.59	3374	1530	45/65-45 NDL D/L-4/15C 38 TL	301.5	8.54	4807	2180
375-39 HRL-3F 36 TL	225.4	6.38	2537	1151	45/65-45 NDL D/L-5/15C 46 TL	301.5	8.54	5920	2685
375-39 HRL-3B 36 TL	225.4	6.38	2537	1151	45/65-45 NRL D/L-5A 38 TL	301.5	8.54	5549	2517
375-39 HRL-3A 36 TL	223.3	6.32	2512	1139	45/65-45 NRL D/L-5A 46	301.5	8.54	4923	2233
375-39 HRL D/L-5A 44 TL	225.8	6.39	4614	2093	45/65-45 NSM D/L-4B 38 TL	301.5	8.54	5160	2341
375-39 HRL-3B 52 TL	225.4	6.38	2836	1286	45/65-45 NRL D/L-5/15C 38 TL	301.5	8.54	5586	2534
375-39 HRL D/L-5A 36 TL	225.8	6.39	4398	1995	45/65-45 NRL D/L-4/15C 46 TL	301.5	8.54	4807	2180
375-39 HRL-3A 36 TL	223.3	6.32	2512	1139	45/65-45 NSM D/L-5B 38 TL	301.5	8.54	5995	2719
375-39 HRL-3B 44 TL	225.4	6.38	2698	1224	50/65-51 NRL D/L-5A 46 TL	431.9	12.23	7707	3496
375-39 HRL-3A 52 TL	223.3	6.32	2819	1279	50/65-51 NRL D/L-5A 54 TL	431.9	12.23	7981	3620
375-39 HRL-3A 44 TL	223.3	6.32	2674	1213	50/65-51 NRL D/L-5A 62	431.9	12.23	7718	3501
375-39 HRL-3F 44 TL	225.4	6.38	2698	1224	4125/70-39 NRL D/L-5A 34 TL	235.9	6.68	4675	2121
375-39 HRL-4B 52 TL	232.6	6.59	3638	1650	49.5-57 68 HRL D/L 4B	553	15.7	9165	4157
375R39 RL-2F ** TL	217.3	6.15	2780	1261	50/80-57 68 HRL D/L 4G	560	15.9	9328	4157
375R39 RL-3 ** TL	222.8	6.31	3430	1556	52/80-57 68 HRL D/L 4G	576	16.29	10480	4754
405/75R39 GP-2B** TL	256.3	7.81	3067	1391	445/95R25 GP-2B 177E	35.3	1.00	493	224
405/75R39 RL-3F ** TL	248.7	7.04	3350	1520	445/80R25 GP-2B 170E	28.3	0.81	379	172
405/75R39 RL-4K *			3668	1664	525/80R25 GP-2B 179E	40.6	1.15	502	228

TUBES, FLAPS AND VALVES INFORMATION FOR OFF THE ROAD TIRES

CONVENTIONAL SIZES

Tire Size	Ply Rating	Rim	Tube Size	Flap Size*	Angle Valve**
16.00-20/21	All	11.25	16.00-20/21 Truck	20/21F10.5	J1179B
16.00-24/25	All	11.25	16.00-24/25 Truck	24/25F9.6	J1175C
18.00-24	Thru 20	13.00	18.00-24/25 Truck	24/25F12.4	J1175C
18.00-24	24 and up	13.00		24/25F9.6	J1175C
18.00-25	12 thru 24	13.00	18.00-24/25 Truck	24/25F10.9	J1175C
18.00-25	28 and up	13.00	18.00-24/25 Truck	24/25F9.6	J1175C
18.00-33	All	13.00	18.00-32/33 Truck	33F8.9	J1076D
18.00-49	All	13.00			J1175C
21.00-25	24	15.00	21.00-24/25 Truck	24/25F12.4	J1179B
21.00-25	28 and up	15.00	21.00-24/25 Truck	24/25F10.9	J1179B
21.00-35	All	15.00	21.00-35 Truck	35F12.0	J1175C
21.00-49	All	15.00			J1175C
24.00-25	All	17.00	24.00-25 Truck	25F14.9	J1175C
24.00-29	All	17.00	24.00-29 Truck	29F15.0	J1175C
24.00-35	All	17.0	24.00-35 Truck	35F12.0	J1175C
24.00-49	All	17.00	24.00-49 Truck		J1175C
27.00-33	All	22.00	21.00-35 Truck	33F23.00	J1175C
27.00-49	All	19.50			J1175C
30.00-33	40	22.00	29.5-35 Truck	33F23.0	J1175C
36.00-51	All	26.00			J1175C

*See example, next page.

**See note, next page.

Consult your Goodyear Representative for Source of Manufacture.

WIDE BASE SIZES

Tire Size	Ply Rating	Rim	Tube Size	Flap Size*	Angle Valve**
20.5-25	All	17.00	20.5-25 Truck	25F14.9	J1175C
23.5-25	Thru 16	19.50		25F19.8	J1175C
23.5-25	20 and up	19.50	23.5-25 Truck	25F18.3	J1175C
26.5-25	Thru 16	22.00	26.5-25 Truck	25F21.6	J1175C
26.5-25	20 and up	22.00	26.5-25 Truck	25F19.8	J1175C
26.5-29	All	22.00	26.5-29 Truck	29F19.0	J1175C
29.5-25	16	25.00	29.5-25 Truck	25F23.1	J1175C
29.5-25	22 and up	25.00	29.5-25 Truck	25F21.6	J1175C
29.5-29	Thru 22	25.00	29.5-29 Truck	35F22.0	J1175C
29.5-29	28 and up	25.00	29.5-29 Truck		J1175C
29.5-35	All	25.00	29.5-35 Truck	35F22.0	J1175C
33.25-35	All	27.00	33.25-35 Truck		J1175C
33.5-33	Thru 26	28.00	33.25-35 Truck	33F25.0	J1175C
33.5-33	32 and up	28.00	33.25-35	33F23.00	J1175C
33.5-39	All	28.00	33.5-39 Truck		J1175C
37.5-33	All	32.00		33F25.0	J1175C
37.25-35	All	31.00	33.25-35 Truck		J1175C
37.5-39	All	32.00	37.5-39 Truck	39F27.0	J1175C
37.5-51	All	32.00			J1175C

NOTE: Goodyear flaps are compounded to resist cracking and heat and they protect the tube from rim and bead toe injury in the tube-type assemblies between the rim and the tire.

**Valve J1014 is standard straight valve on all EM Tubes 16.00-20 and up. Angle Valve shown is most commonly used. Flap Width specified is minimum flap width. Flap width is measured on rim side of flap.

***EXAMPLE:** 24-9.0
 24 + Nominal Diameter
 9.0 + Flap Width

Consult your Goodyear Representative for Source of Manufacture.

GRADER TIRES**TIRES USING FLAT BASE RIMS**

Tire Size	Rim	Tube Size	Valve No.	Flap Size
8.25-20TG	6.50T	8.25-20TR	TR77A/TR462	20F7.0

TIRES USING SEMI-DROP CENTER RIMS

7.50-20TG	5.50-DC	7.50-20T	TR177A/TR461	20-7.0
10.00-24TG	8.00TG	10.00/11.00/12.00-24GR	218A	24-8.4RG
12.00-24TG	8.00TG	10.00/11.00/12.00-24GR	218A	24-8.4RG
13.00-20TG	8.00TG	13.00/14.00-20GR	218A	20-9.6RG
13.00-24TG	8.00TG	13.00/14.00-24GR	220A	24-8.4RG
14.00-20TG	8.00TG, 10.00VA	13.00/14.00-20GR	218A*	20-9.6RG
14.00-24TG	8.00TG, 10.00VA	13.00/14.00-24GR	200A	24-10.0RG
16.00-20TG	10.00VA	13.00/14.00-20GR	220A	20-9.6RG
16.00-24TG	10.00VA	16.00-24GR	220A	24-10.0RG
18.00-26	DW16-DC	23.1-26 (18.00-26) Farm	218A	

*When used on 10.00 rim, TR220A valve should be used.

SAND TIRES

Tire Size	Rim	Tube Size	Rec. Valves	Flap Size
9.00-15 DT	5-1/2K-Dc	9.00-15 Truck	TR175A/TR463	15-6.0
9.00-16 DT	6.50H	9.00-16 Truck	TR177A/TR461	16/16.5-7.0LT
11.00-16 DT	6.50H		TR177A/TR461	16/16.5-7.0LT
16.00-16 DT	6.50H	16.00-16 Truck	TR177A/TR461	16/16.5-7.0LT
14.00-20 DT	10.00W	13.00/14.00-20 Truck	TR179A/TR465	20/21F10.5
16.00-20 DT	10.00W	16.00-20/21 Truck	SP1000	20F9.0
24-20.5 DT	18.00DC		J1175C	21-20.0
24-21 DT	18.00		J1175C	21-20.0
27.25-21 DT	19.50		J1014	21-20.0
18.00-25 DT	10.00	18.00-24/25 Truck	J1175C	24/25F10.5
21.00-25DT	15.00	21.0-24/25 Truck	J1179B	24/25F13.0
29.5-25 DT	25.00	29.5-25 Truck	J1175C	25F23.1

Consult your Goodyear Representative for Source of Manufacture.

TYPE I II AND III TRUCK RIMS

Tire & Tube Size	Rim	Valve	Flap Size
8.25-20	6.50T	TR77A/TR462	20F7.0
9.00-20	7.00T	TR175A/TR463	20F8.0
10.00-20	7.50V	TR78A/TR464	20F8.0
10.00-22	7.50V	TR78A/TR464	22F8.0
11.00-20	8.00V	TR78A/TR464	20F8.0
11.00-22	8.00V	TR78A/TR464	22F8.0

Tire & Tube Size	Rim	Valve	Flap Size	
11.00-24	8.00V	TR78A/TR464	24F8.0	
12.00-20	8.50V	TR78A/TR464	20F8.0	
12.00-24	8.50V	TR78A/TR464	24F8.0	
13.00-24	13.00/14.00-24/25;17.5-25	10.00W	TR179A/TR465	24F9.0
14.00-20	13.00/14.00-20	10.00W	TR179A/TR465	20F10.0
14.00-24	13.00/14.00-24/25;17.5-25	10.00W	TR179A/TR465	24F9.0

Flap Width Specified is Minimum Flap Width. Flap Width is Measured on Rim Side of Flap.

Consult your Goodyear Representative for Source of Manufacture.

SUPER LARGE BORE VALVE

The Super Large Bore Valve was designed in answer to the many requests for a valve which would save time inflating and deflating earthmover tires. It fits the standard 13/16" valve holes. No need to rebores your rims, if your present hole is on center. If valve hole is under bead seat band, it must be moved out, preferably on center.



TURRET TYPE VALVE

CH-8 CORE HOUSING



SWIVEL TYPE VALVE

CH-8 CORE HOUSING

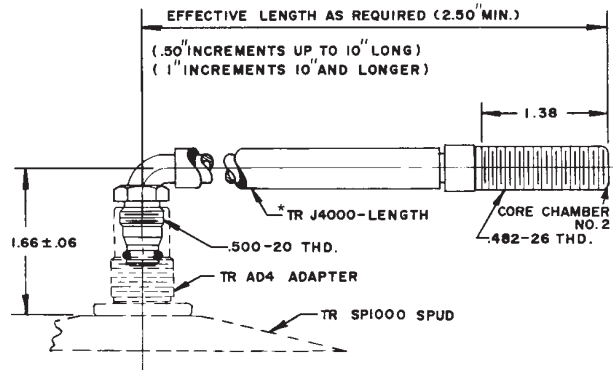


INFLATING ADAPTOR

EARTHMOVER TUBE VALVES

LARGE BORE TUBE VALVES (SWIVEL TYPE)

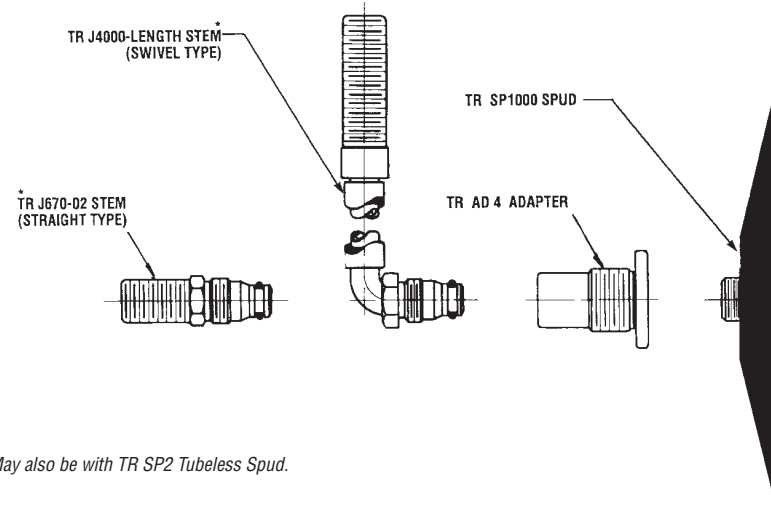
TIRE AND RIM ASSOCIATION STANDARD



*Stems are specified as TR J4000-Length.
Example: For An effective length of 9.50", the stem number is TR J4000-9.50.
 Recommended installation torque: 70-80 inch-pounds.
 Valve core: TR C2

LARGE BORE TUBE VALVES (STRAIGHT AND SWIVEL TYPE)

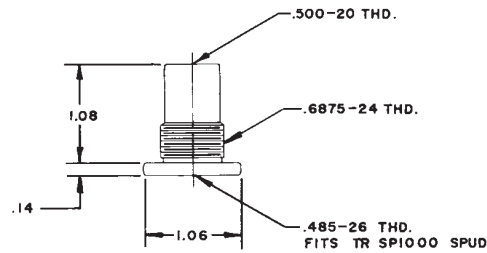
TIRE AND RIM ASSOCIATION STANDARD



*May also be with TR SP2 Tubeless Spud.

LARGE BORE TUBE SPUD ADAPTOR — TR AD4

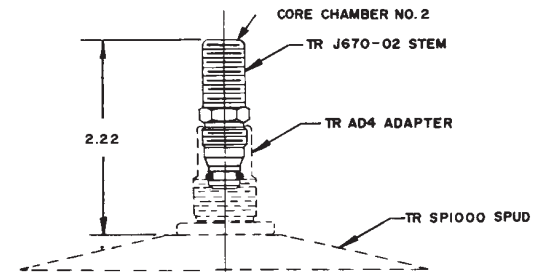
TIRE AND RIM ASSOCIATION STANDARD



Note: TR AD4 Adapter combined with TR SP1000 Spud is equivalent to TR SP4000 Spud.

LARGE BORE TUBE VALVE (STRAIGHT TYPE)

TIRE AND RIM ASSOCIATION STANDARD



Recommended installation torque: 70-80 inch-pounds.
 Valve core: TR C2

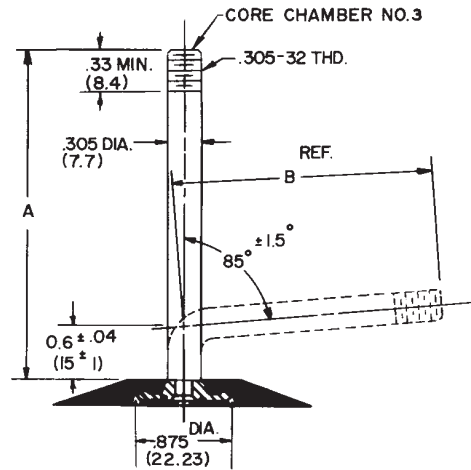
EARTHMOVER TUBE VALVES

CONVERTIBLE TUBE VALVES AIR-LIQUID TYPE

TIRE AND RIM ASSOCIATION STANDARD

TR VALVE NO.	A	B (REF.)
400	3.35 (85)	3.0 (75)
411	4.13 (105)	3.7 (95)
442	4.53 (115)	4.1 (105)
443	4.92 (125)	4.5 (115)
444	5.51 (140)	5.1 (130)
445	6.10 (155)	5.7 (145)

Valve Core: TR C1 (Short core only)



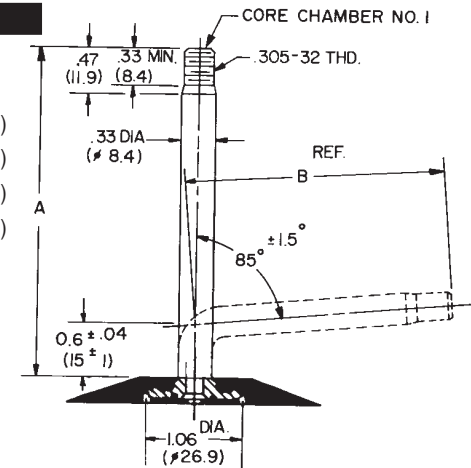
Dimensions in Inches (Millimeters)

CONVERTIBLE TUBE VALVES AIR-LIQUID TYPE

TIRE AND RIM ASSOCIATION STANDARD

TR VALVE NO.	A	B (REF.)
460	3.35 (85)	3.0 (75)
461	4.13 (105)	3.7 (95)
462	4.53 (115)	4.1 (105)
463	4.92 (125)	4.5 (115)
464	5.51 (140)	5.1 (130)
465	6.10 (155)	5.7 (145)

Valve Core: TR C1



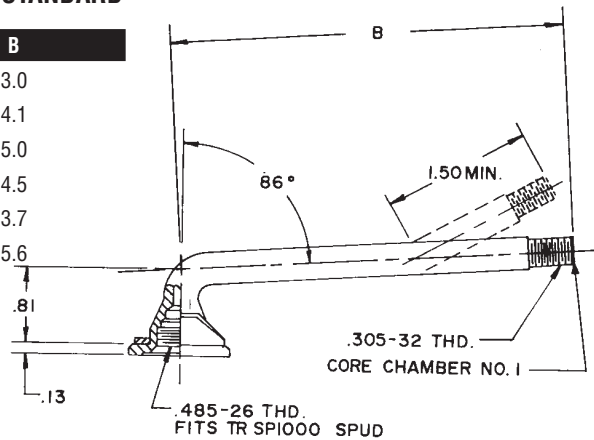
Units—In. (mm)

SCREW-ON STANDARD BORE TUBE VALVES

TIRE AND RIM ASSOCIATION STANDARD

TR VALVE NO.	B
1075A	3.0
1077A	4.1
1078A	5.0
1175A	4.5
1177A	3.7
1179A	5.6

Valve Core: TR C1



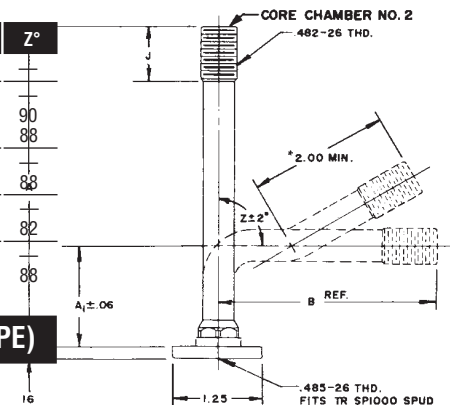
SCREW-ON LARGE BORE CONVERTIBLE TUBE VALVES

TIRE AND RIM ASSOCIATION STANDARD

TR VALVE NO.	FORM	A	A ₁	B	J	Z°
J1014	A	1.91	—	—	1.44	—
J1076	A	4.16	—	—	.75	—
	D	—	2.06	2.31	.75	90
	E	—	1.38	3.00	.75	88
J1175	A	5.28	—	—	.75	—
	C	—	1.38	4.13	.75	88
J1078	A	5.78	—	—	.75	—
	B	—	1.38	4.62	.75	82
J1179	A	6.41	—	—	.75	—
	B	—	1.38	5.25	.75	88

Valve Core: TR C2

TR SP1000 SPUD (AIR LIQUID TYPE)



*Required for valve core sealing

**APPROVED STANDARD AND ALTERNATE RIMS
FOR OFF-THE ROAD TIRES**

RIMS

SIZE	MEASURING RIM	APPROVED ALTERNATE RIM
7.00-20 NHS	5.50 S	6.00 S
7.50-15 K	6L,6 LB (DC)	5.50 F (SDC)
7.50-20 NHS	6.00 S	6.50 T
7.50-20 TG	6.00 S	6.50 T
8.25-20 NHS	6.50 T	7.00 T
8.25-20 TG	6.50 T	7.00 T
9.00-15 DT	5 1/2 K, 5.50F	
9.00-16 DT	6.50 H	
9.00-20 NHS	7.00 T	7.50 V
10.00-20 NHS	7.50 V	8.00 V
10.00-24 TG	8.00 TG (SDC)	
11.00-16 DT	6.50 H	
11.00-20 NHS	8.00 V	8.50 V
12.00-20 NHS	8.50 V	9.00V
12.00-21 NHS	8.50	
12.00-24 NHS	8.50 V	9.00 V
12.00-24 TG	8.00 TG	
12.00-25 NHS	8.50	
13.00-20 TG	8.00 TG	
13.00-24 NHS	10.00 W	9.00 V
13.00-24 TG	8.00 TG (14 PR Max)	10.00 VA (16 PR)
13.00-25 NHS	10.00	
14.00-20 NHS	10.00 W	
14.00-20 TG	8.00 TG (14 PR Max)	10.00 VA (16 PR)
14.00-21 NHS	10.00	
14.00-24 NHS	10.00W	
14.00-24 TG	8.00 TG (14 PR Max)	10.00 VA (16 PR)
14.00-25 NHS	10.00	
15.5-25	12.00-1.3	13.00 LR-DC (12 PR/*MAX) 12.00-1.3 (SDC)
16.00-20	10.00 W	
16.00-20 DT	10.00 W	
16.00-20 TG	10.00 VA	
16.00-21 NHS	11.25-2.0	10.00-1.5
16.00-24 TG	10.00 VA	
16.00-25	11.25-2.0	

SIZE	MEASURING RIM	APPROVED ALTERNATE RIM
17.5-25	14.00-1.5	13.00 LR-DC (12 PR/*MAX) 14.00-1.3 (SDC)
18.00-25	13.00-2.5	
61x18.00-25	13.00-2.5	
18.00-25 DT	10.00 T	
18.00-26	DW-16 (drop center rim)	
18.00-33	13.00-2.5	
18.00-49	13.00-2.75	
20.5-25	17.00-2.0	17.00 AL (16PR MAX)
21.00-25	15.00-3.0	
21.00-25 DT	15.00-3.0	
21.00-35	15.00-3.0	
21.00-49	15.00-3.0	
23.5-25	19.50-2.5	
24.00-25	17.00-3.5	
24.00-29	17.00-3.5	
24.00-35	17.00-3.5	
24.00-43	17.00-3.5	
24.00-49	17.00-3.5	
24.00-51	17.00-3.5	
26.5-25	22.00-3.0	
26.5-29	22.00-3.0	
27.00-33	22.00-4.0	
27.00-49	19.50-4.0	
27.00-51	19.50-4.0	
27-56.5	20.0-1.25	21.0-1.25
29.5-25	25.00-3.5	
29.5-29	25.00-3.5	24.00-3.5, 26.00-3.5
29.5-25 DT	25.00-3.5	
29.5-35	25.00-3.5	27.00-3.5
30.00-33	22.00-4.5	
30.00-51	22.00-4.5	
30-56.5	22.0-1.25	21.0-1.25
33.00-51	24.00-5.0	
33.25-29	27.00-3.5	26.00-3.5
33.25-35	27.00-3.5	29.00-3.5

Consult your Goodyear Representative for Source of manufacture.

Use Arctic O-Rings and Valves When Ambient Temperature is Below -30°F (-34°C)

**APPROVED STANDARD AND ALTERNATE RIMS
FOR OFF-THE ROAD TIRES**

SIZE	MEASURING RIM	APPROVED ALTERNATE RIM
33.5-33	28.00-4.0	
33.5-39	28.00-4.0	
36.00-51	26.00-5.0	
36.00-51 DT	26.00-5.0	
37.00-57	27.00-6.0	29.00-6.0
37.25-35	31.00-4.0	29.00-3.5 (Transport Only)
37.5-33	32.00-4.5	
37.5-39	32.00-4.5	
37.5-51	32.00-4.5	
38-39	28.00-4.0	

65 Series

550/65R25	14.00-1.5	14.00-1.3
600/65R25	17.00-2.0	17.00-1.7
650/65R25	19.50-2.5	17.00-1.7/2.0
750/65R25(30/65R25)	24.00-3.0	22.00-3.0
800/65R29	24.00-3.0	25.00-3.0
875/65R29	27.00-3.0	25.00-3.0
30/65-29	24.00-3.0	
35/65-33	28.00-3.5	
40/65-39	32.00-4.0	
45/65-45	36.00-4.5	
50/65-51	40.00-4.5	

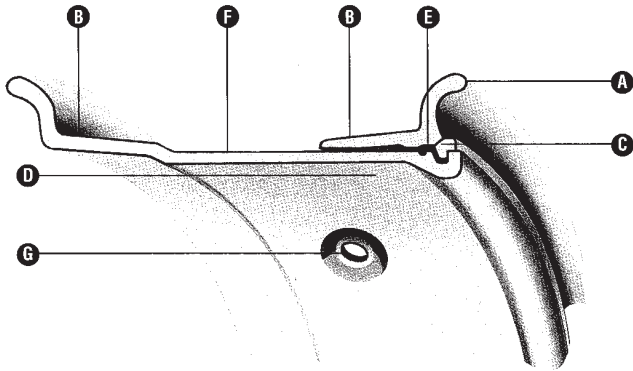
SIZE	MEASURING RIM	APPROVED ALTERNATE RIM
40.00-57	29.00-6.0	27.00-6.0
44/95R57	36.00-6.0	29.00-6.0
41.25/70-39	32.00-4.5	
49.5-57	36.00-6.0	
50/80-57	36.00-6.0	
52/80-57	36.00-6.0	
67-51	45.00-5.5	

Consult your Goodyear Representative for Source of manufacture.

Use Arctic O-Rings and Valves When Ambient Temperature is Below -30°F (-34°C)

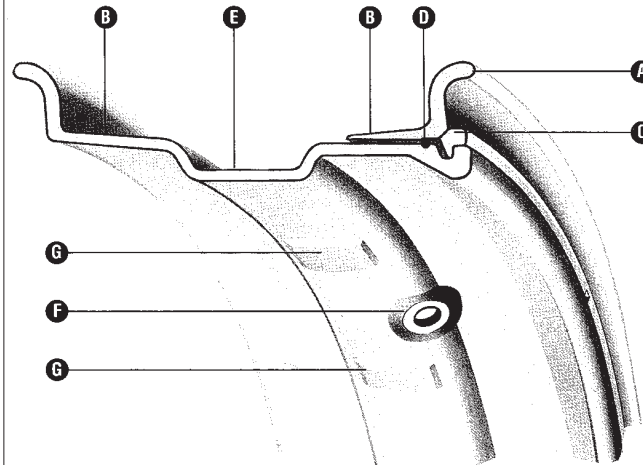
EARTHMOVER RIM STYLES

THREE PIECE HEAVY DUTY TRUCK



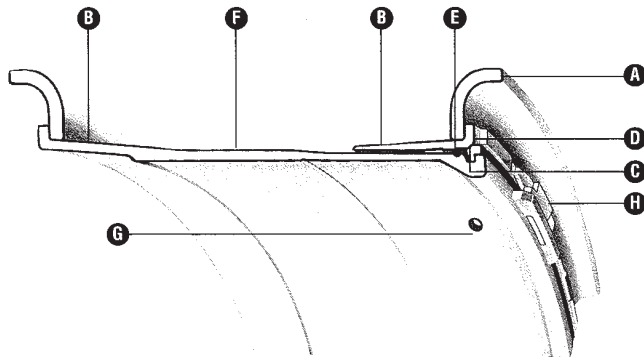
- A** Side Flange
- B** Tapered Bead Seats
- C** Lock Ring
- D** Mounting Bevel
- E** Sealing Ring
- F** Rim Base
- G** Embossed Valve Hole

THREE PIECE GRADER



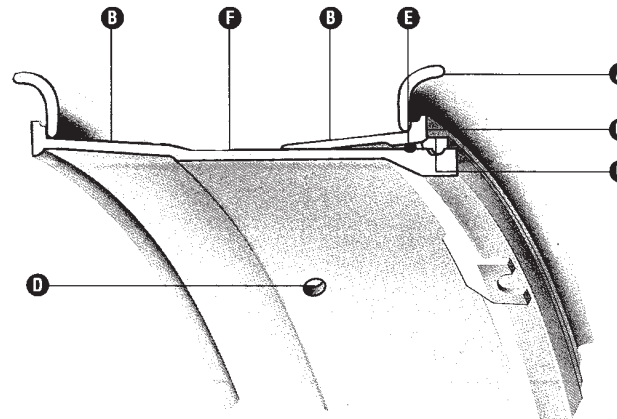
- A** Side Flange
- B** Tapered Bead Seats
- C** Lock Ring
- D** Sealing Ring
- E** Rim Base
- F** Embossed Valve Hole
- G** Locating Lugs

FIVE PIECE HEAVY DUTY AND WIDE BASE



- A** Side Flange
- B** Tapered Bead Seats
- C** Lock Ring
- D** Pry Bar Pockets
- E** Sealing Ring
- F** Rim Base
- G** Valve Hole
- H** Bead Seat Band Driver

FIVE PIECE EXTRA HEAVY DUTY



- A** Heavy Side Flange
- B** Tapered Bead Seats
- C** Lock Ring
- D** Valve Hole
- E** Sealing Ring
- F** Rim Base
- G** Circumferential Pry Bar Groove

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