



**Ground Vehicle  
Systems**  
Development & Production  
Ltd.

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# Wheel 6-15203 for BTRs



Interchangeable with original wheels of BTRs.  
Compatible for use with  
Run Flat and  
Central Tyre Inflation Systems (CTIS)

## Designation and description

The wheel 6-15203 is designed for replacing of the original tyres of BTRs without any additional technical action. The wheel 6-15203 suitable for use on BRDMs as well.



## Advantages

high permissible load capacity  
high vehicle speed  
allows add-on armouring upgrading of protection level  
better performance and life time on asphalt roads

*All these information has informative nature.*

*Data sheet includes general information. Parameters can be changed according to individual requirements and specifications. Parameters can be seen eventual meeting exact requirements and determination.*



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## Weight comparison

Wheel 6-15203 without run flat system	127 kg
Wheel with KI-80	136 kg
Wheel with KI-126	168 kg

**Bullet Proof**-with tested Run Flat System. Even without the added protection of the tyre, withstands a total of 35 direct hits on the run flat all aimed at and around the fixings were simply absorbed.

## General technical parameters of the wheel

Overall weight of the wheel w/o Run Flat system	~127 kg +/-2%
Overall weight of the wheel w/w Run Flat system	~162 kg +/-2%
Max. permissible load/Speed	3550kg/110 km/h
Tyre size/Pattern	365/80 R20/MPT (395/80 R20 XZL Option)
Tyre weight	~71 kg
Tyre section width	365 mm
Loaded static radius	502 mm
Tyre outer diameter	1090 mm
Rolling circumference	3275 mm
Inflation pressure min/max	2.0/6.0 bar
Rim size	20 inches
Rim type	Bolt together
Rim disc weight	54,7 kg +/-4%



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## Load capacity

Inflation pressure (bar)	Load capacity per tyre (kg)							Speed (kph)
	2,0	2,5	3,0	4,0	4,5	5,0	6,0	
1445	1730	2000	2575	2725	3000	3550	110	
1620	1940	2240	2885	3050	3360	3980	50	
1805	2160	2500	3220	3405	3750	4440	30	
2165	2595	3000	3860	4090	4500	5325	20	
2600	3115	3600	4635	4905	5400	6390	10	
3610	4325	5000	6435	6810	7500	8875	0	

## Segmental All Terrain Run Flat System

Installation is simple with the use of normal tyre changing tools.



This product is designed for vehicles fitted with on 20 inches tubeless tyres and bolt together rims. The assembly consists of three sections that are assembled around the wheel and are locked together with three bolts. The Run Flat is compatible for use with Central Tyre Inflation Systems (CTIS) and is a lightweight design manufactured from rubber with steel reinforcing and conforms to Finabel A.20.5

## Specification



Max load capacity	3500 kg
Overall weight	35 kg
Overall width	230 mm +/- 3mm
Rolling width	100 mm +/- 1,6 mm
Rolling diameter	760 mm +/- 6 mm
Mounting diameter	504 mm -0,6 mm

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## Performance

On-Road flat performance	min 50 km @50 kph
Off-Road flat performance	min 2 h
Maximum speed rating	130 kph



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