



# 480/80R50

Optitorque • 159D • R-1



## TECHNICAL DATA

Design	<b>Optitorque</b>	Static Loaded Radius (mm)	<b>939</b>
Industry Classification	<b>R-1</b>	Rolling Circ (mm)	<b>6257</b>
Tyre Size	<b>480/80R50</b>	SRI	<b>975</b>
LI/SS	<b>159D</b>	Weight (kg)	<b>204</b>
FR/DW	<b>n/a</b>	Nominal Inflation Pressure (bar)	<b>2.4</b>
PR	<b>n/a</b>	Max Load (kg)	<b>4377</b>
TL/TT	<b>TL</b>	Tread Depth (mm)	<b>40</b>
Tyre Width (mm)	<b>480</b>	Recom'd Rim	<b>W15A</b>
Overall Diameter (mm)	<b>2067</b>	Other approved rims	<b>W15B, DW15A, DW15B, DW16A, DW16B</b>

## LOAD DATA

Max Speed (km/h)	Tyre load (kg) at various inflation pressures (bar)									
	0.8bar	1.0bar	1.4bar	1.5bar	1.6bar	1.8bar	1.9bar	2.0bar	2.2bar	2.4bar
70	2150	2480	3140	990	3415	3525	4825	3755	3870	3980
65	2360	2725	3450	1090	3750	3875	5300	4125	4250	4375†
50	2500	2890	3655	1155	3975	4110	5620	4375	4505	4640
40	2595	3000	3795	1200	4125	4265	5830	4540	4675	4815
30	2715	3135	3965	1255	4315	4455	6095	4745	4890	5030
25	2810	3245	4105	1295	4465	4610	6305	4910	5060	5205
15	3160	3650	4625	1460	5025	5195	7100	5530	5695	5865
10	3540	4090	5175	1635	5625	5815	7950	6190	6375	6565
10cycl	n/a	3500	4635	1855	5230	5865	1855	6375	6590	7015

† Maximum load at recommended speed and inflation pressure.

