



# 420/85R38

Optitrac • 149D • R-1W



## TECHNICAL DATA

|                         |           |                                |           |
|-------------------------|-----------|--------------------------------|-----------|
| Design                  | Optitrac  | Static Loaded Radius mm        | 770       |
| Industry Classification | R-1W      | Rolling Circ mm                | 5097      |
| Tyre Size               | 420/85R38 | SRI                            | 800       |
| LI/SS                   | 149D      | Weight kg                      | 156       |
| FR/DW                   | n/a       | Nominal Inflation Pressure kPa | 240       |
| PR                      | n/a       | Max Load kg                    | 3250      |
| TL/TT                   | TL        | Tread Depth mm                 | 48        |
| Section Width mm        | 438       | Recom'd Rim                    | W14       |
| Overall Diameter mm     | 1678      | Other approved rims            | W13, W15L |

## LOAD DATA

| Max Speed (km/h) | Tyre load (kg) at various inflation pressures (kPa) |       |        |        |        |        |        |        |        |        |        |
|------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                  | 60kpa   | 80kpa | 100kpa | 120kpa | 140kpa | 160kpa | 180kpa | 200kpa | 220kpa | 240kpa | 260kpa |
| 70               | n/a   | n/a   | 1885   | 2100   | 2355   | 2560   | 2740   | 2810   | 2880   | 2970   | n/a    |
| 65               | n/a   | 1800  | 2060   | 2300   | 2575   | 2800   | 3000   | 3075   | 3150   | 3250†  | n/a    |
| 50               | n/a   | 1890  | 2165   | 2415   | 2705   | 2940   | 3150   | 3230   | 3310   | 3415   | n/a    |
| 40               | n/a   | 1970  | 2255   | 2520   | 2820   | 3065   | 3285   | 3365   | 3450   | 3560   | n/a    |
| 30               | 1780  | 2070  | 2370   | 2645   | 2960   | 3220   | 3450   | 3535   | 3620   | 3735   | n/a    |
| 10               | 2325  | 2700  | 3090   | 3450   | 3865   | 4200   | 4500   | 4615   | 4725   | 4875   | n/a    |
| 10cycl           | n/a   | n/a   | 3060   | 3565   | 3925   | 4170   | 4440   | 4760   | 4855   | 5030   | 5195   |

† Maximum load at recommended speed and inflation pressure.

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