MRF

# TRUCK & BUS RADIAL TYRES

# MRF - INDIA'S LARGEST TYRE MANUFACTURER

MRF - India's largest tyre manufacturer has a rich and varied history. A company that started with the manufacture of toy balloons is today a USD 2.5 billion organisation with products for every segment of the tyre market from scooter tyre to tyres for giant earth movers. MRF is also the only Indian tyre company to manufacture aviation tyres for the Indian Air Force.

## CUTTING-EDGE R&D

MRF has laid great emphasis on R&D. The Corporate Technical Centre in Chennai, India is responsible for materials development, process and product design and product testing. This centre uses the latest technology for designing, simulation and testing to develop tyres that are best-in-class for Indian and international markets, in all aspects of customer expectation - safety, comfort and durability.

## GLOBAL RECOGNITION

MRF is the only Indian tyre company to have won the J.D. Power Asia Pacific Original Equipment Tyre Customer Satisfaction Award a record

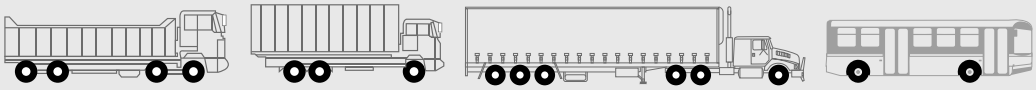
12 times in the last 17 years

- a testament to the trust reposed in brand MRF by our customers.

# TRUCK & BUS RADIAL TYRES

# STEEL MUSCLE S1M4

*Application: On road




## AVAILABLE SIZES

12.00 R 20
12 R 22.5 TL
13 R 22.5 TL
295/80 R 22.5 TL
325/95 R 24

## FEATURES & BENEFITS

- Zig-zag pattern provides better grip on all-wheel fitment
- Reduces breaking distance, thereby enhances safety
- Wider footprint provides superior mileage in heavy-duty on/off road applications
- Tread pattern offers excellent steering control
- Tread compound optimised for chipping resistance and even wear

**TECHNICAL DATA**

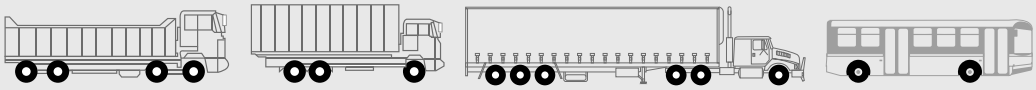
| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 12.00 R 20 | 18 | 8.5 | 315 | 1123 | 17 | 154 / 151 K | 3750 @ 830 | 3450 @ 830 | 510 |
| 12 R 22.5 TL | 16 | 9.0 | 305 | 1090 | 18 | 150 / 147 L | 3350 @ 830 | 3075 @ 830 | 504 |
| 13 R 22.5 TL | 18 | 9.75 | 320 | 1128 | 16.5 | 154 / 150 K | 3750 @ 850 | 3350 @ 850 | 521 |
| 295/80 R 22.5 TL | 16 | 9.0 | 303 | 1050 | 17 | 152 / 148 M | 3550 @ 850 | 3150 @ 850 | 484 |
| 325/95 R 24 | - | 9.0 | 318 | 1215 | 16 | 162 / 160 K | 4750 @ 850 | 4550 @ 850 | 557 |



*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S1M4 PLUS

*Application: On road




## AVAILABLE SIZES

8.25 R 20
9.00 R 20
10.00 R 20
11.00 R 20

## FEATURES & BENEFITS

- Reinforced construction enables extreme loading conditions and offers better retreadability
- Zig-zag pattern provides better grip on all-wheel fitment
- Reduces breaking distance, thereby enhances safety
- Wider footprint provides superior mileage in heavy-duty on/off road applications
- Tread pattern offers excellent steering control
- Tread compound optimised for chipping resistance and even wear

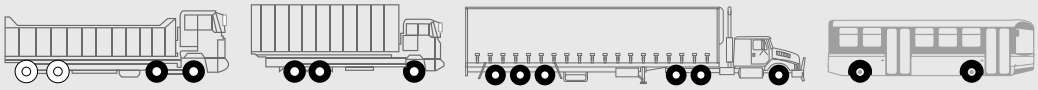
**TECHNICAL DATA**

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 8.25 R 20 | 16 | 6.5 | 235 | 983 | 17 | 137 / 135 K | 2300 @ 860 | 2180 @ 860 | 454 |
| 9.00 R 20 | 16 | 7.0 | 258 | 1020 | 17 | 142 / 140 L | 2680 @ 830 | 2500 @ 830 | 466 |
| 10.00 R 20 | 16 | 7.5 | 285 | 1065 | 18 | 146 / 143 K | 3000 @ 830 | 2725 @ 830 | 489 |
| 11.00 R 20 | 16 | 8 | 293 | 1096 | 19 | 150 / 147 K | 3350 @ 830 | 3075 @ 830 | 503 |

*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S1N4

*Application: On road




## AVAILABLE SIZES

11 R 22.5 TL
315/80 R 22.5 TL

## FEATURES & BENEFITS

- Zig-zag pattern with open shoulder suited for on/off road applications
- Pattern designed for even wear
- Compound with excellent chip resistance under adverse conditions

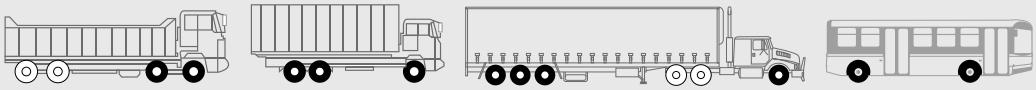
### TECHNICAL DATA

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 11 R 22.5 TL | 16 | 8.25 | 283 | 1062 | 18 | 146 / 143 M | 3000 @ 830 | 2725 @ 830 | 489 |
| 315/80 R 22.5 TL | 18 | 9 | 318 | 1079 | 17.2 | 156 / 150 L | 4000 @ 850 | 3350 @ 850 | 498 |

*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S1Q6

*Application: On road




## AVAILABLE SIZES

12.00 R 24
315/80 R 22.5 TL

## FEATURES & BENEFITS

- Stable ribs providing even wear in all wheel fitment
- Provides better fuel efficiency
- Most suited for on road applications in all-wheel fitment of buses and steer axle fitment for trucks
- Tough shoulder design offering better cornering stability and even wear

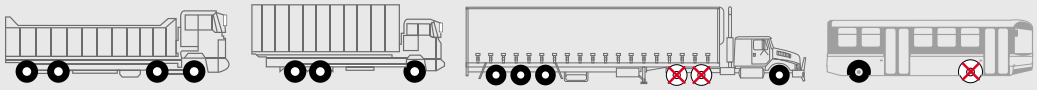
**TECHNICAL DATA**

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 12.00 R 24 | 20 | 8.5 | 318 | 1222 | 14.5 | 160 / 156 K | 4500 @ 850 | 4000 @ 850 | 573 |
| 315/80 R 22.5 TL | 18 | 9 | 316 | 1075 | 15 | 156 / 150 L | 4000 @ 850 | 3350 @ 850 | 498 |

*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S1L6

*Application: On road




## AVAILABLE SIZES

12.00 R 24
12 R 22.5 TL
11 R 24.5 TL

## FEATURES & BENEFITS

- Deep skid all-wheel pattern providing superior mileage
- Zig-zag design offers traction in on and off road conditions
- Tread compound offering superior cut and chip resistance

**TECHNICAL DATA**

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 12.00 R 24 | 18 | 8.5 | 315 | 1230 | 16 | 158 / 155 K | 4250 @ 830 | 3875 @ 830 | 573 |
| 12.00 R 24 | 20 | 8.5 | 315 | 1230 | 16 | 160 / 156 K | 4500 @ 850 | 4000 @ 850 | 573 |
| 12 R 22.5 TL | 16 | 9 | 302 | 1080 | 15 | 150 / 147 L | 3350 @ 830 | 3075 @ 830 | 503 |
| 11 R 24.5 TL | 16 | 8.25 | 284 | 1106 | 14 | 149 / 146 K | 3250 @ 830 | 3000 @ 830 | 516 |



*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S3J4

*Application: On road

## AVAILABLE SIZE

295/80 R 22.5 TL


## FEATURES & BENEFITS

- Wider tread pattern to perform under higher torque conditions
- Optimised block pattern to provide high mileage
- Sipes designed to induce even wear tyres meant for standard load operations on/off road

**TECHNICAL DATA**

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 295/80 R 22.5 TL | 16 | 9 | 305 | 1068 | 24 | 152 / 148 K | 3550 @ 850 | 3150 @ 850 | 484 |

*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S3C8

*Application: On road 


## AVAILABLE SIZE

11.00 R 20

## FEATURES & BENEFITS

- Bigger tread blocks to support higher vehicle loads with even wear
- Wider tread grooves to reduce stone trapping
- Tread compound designed for higher traction with high tear and cut resistance

### TECHNICAL DATA

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 11.00 R 20 | 16 | 8 | 300 | 1098 | 21 | 150 / 147 K | 3350 @ 830 | 3075 @ 830 | 503 |

*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S3C8 PLUS

*Application: On road

## AVAILABLE SIZE

10.00 R 20


## FEATURES & BENEFITS

- Reinforced bead area to enhance service under extreme loading conditions. Shoulder blocks strengthened to carry heavy loads
- Bigger tread blocks to support higher vehicle loads with even wear
- Wider tread grooves to reduce stone trapping
- Tread compound designed for higher traction with high tear and cut resistance

**TECHNICAL DATA**

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 10.00 R 20 | 16 | 7.5 | 280 | 1062 | 21 | 146 / 143 K | 3000 @ 830 | 2725 @ 830 | 489 |

*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S3G4

*Application: On road 


## AVAILABLE SIZES

12.00 R 20
315/80 R 22.5 TL

## FEATURES & BENEFITS

- Robust central blocks give resistance to cuts and gives higher mileage
- Deep lateral groove provides excellent traction even on sand and slippery surfaces
- Sipes provided in the block for even wear and reduced tyre noise

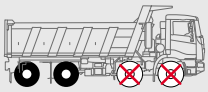
**TECHNICAL DATA**

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 12.00 R 20 | 18 | 8.5 | 315 | 1135 | 22 | 154 / 151 K | 3750 @ 830 | 3450 @ 830 | 510 |
| 315/80 R 22.5 TL | 18 | 9 | 314 | 1088 | 20 | 156 / 150 K | 4000 @ 850 | 3350 @ 850 | 498 |



*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S3V8

*Application: On road & Off road 


## AVAILABLE SIZES

12.00 R 20
12 R 22.5 TL

## FEATURES & BENEFITS

- Aggressive and stable block pattern to support higher torque applications
- Higher void ratio to enable on/off road application
- Wider grooves reduces stone trapping and extends tyre life
- Tread compound designed for high cut resistance and puncture resistance

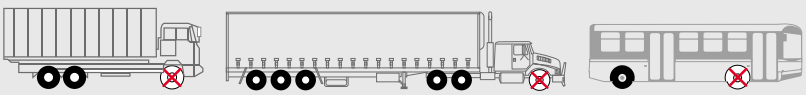
**TECHNICAL DATA**

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 12.00 R 20 | 18 | 8.5 | 315 | 1130 | 21 | 154 / 151 K | 3750 @ 830 | 3450 @ 830 | 520 |
| 12 R 22.5 TL | 16 | 9.0 | 307 | 1100 | 24.5 | 152 / 148 G | 3550 @ 850 | 3150 @ 850 | 503 |

*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S3K4

*Application: On road




## AVAILABLE SIZES

8.25 R 20
9.00 R 20
10.00 R 20
11.00 R 20
11 R 22.5 TL
295/80 R 22.5 TL

## FEATURES & BENEFITS

- Staggered block design for even tread wear
- Strong casing for better retreadability
- Superior compound for higher mileage
- Good traction and braking performance

**TECHNICAL DATA**

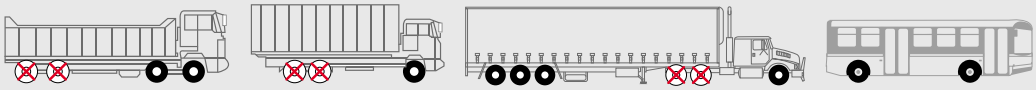
| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 8.25 R 20 | 16 | 6.5 | 235 | 987 | 16.5 | 137 / 135 K | 2300 @ 860 | 2180 @ 860 | 454 |
| 9.00 R 20 | 16 | 7.0 | 262 | 1020 | 13 | 142 / 140 L | 2650 @ 830 | 2500 @ 830 | 466 |
| 10.00 R 20 | 16 | 7.5 | 280 | 1055 | 17.5 | 146 / 143 K | 3000 @ 830 | 2725 @ 830 | 489 |
| 11.00 R 20 | 16 | 8 | 300 | 1097 | 19.5 | 150 / 147 K | 3350 @ 830 | 3075 @ 830 | 503 |
| 11 R 22.5 TL | 16 | 8.25 | 282 | 1059 | 17.5 | 146 / 143 M | 3000 @ 830 | 2725 @ 830 | 489 |
| 295/80 R 22.5 TL | 16 | 9 | 298 | 1055 | 17.5 | 152 / 148 M | 3550 @ 850 | 3150 @ 850 | 484 |



*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S1R4

*Application: On road




## AVAILABLE SIZES

10.00 R 20
11.00 R 20
11 R 22.5 TL
255/70 R 22.5 TL
275/70 R 22.5 TL
295/80 R 22.5 TL
315/80 R 22.5 TL

## FEATURES & BENEFITS

- Five-rib pattern to deliver excellent traction and braking in normal on road conditions
- Tread compound optimised for cooler running which ensures extended tyre life
- Improved traction for fitment in drive axle for on road application
- Low tyre noise

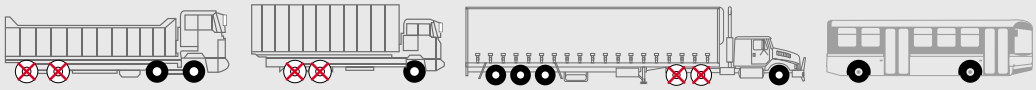
### TECHNICAL DATA

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 10.00 R 20 | 16 | 7.5 | 277 | 1055 | 14.5 | 146 / 143 K | 3000 @ 830 | 2725 @ 830 | 489 |
| 11.00 R 20 | 16 | 8 | 302 | 1084 | 14.5 | 150 / 147 K | 3350 @ 830 | 3075 @ 830 | 503 |
| 11 R 22.5 TL | 16 | 8.25 | 282 | 1058 | 14.8 | 148 / 145 M | 3150 @ 850 | 2900 @ 850 | 489 |
| 255/70 R 22.5 TL | - | 7.5 | 253 | 930 | 14 | 140 / 137 J | 2500 @ 800 | 2300 @ 800 | 432 |
| 275/70 R 22.5 TL | 16 | 8.25 | 280 | 966 | 15 | 148 / 145 M | 3150 @ 900 | 2900 @ 900 | 446 |
| 295/80 R 22.5 TL | 16 | 9 | 291 | 1048 | 15.5 | 152 / 148 M | 3550 @ 860 | 3150 @ 860 | 484 |
| 315/80 R 22.5 TL | 18 | 9 | 322 | 1079 | 16.5 | 156 / 150 L (154 / 150 M) | 3750 @ 825 | 3350 @ 825 | 498 |

*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S1R6

*Application: On road




## AVAILABLE SIZES

10.00 R 20
11.00 R 20
11 R 22.5 TL

## FEATURES & BENEFITS

- Five-rib pattern to deliver excellent traction and braking on rough roads
- Tread compound designed for enhanced cut and chip resistance on bad roads
- Improved traction for fitment in drive axle for on road application
- Low tyre noise

### TECHNICAL DATA

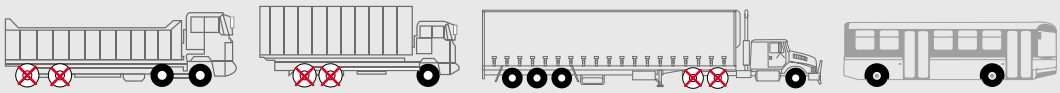
| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 10.00 R 20 | 16 | 7.5 | 277 | 1055 | 14.5 | 146 / 143 K | 3000 @ 830 | 2725 @ 830 | 489 |
| 11.00 R 20 | 16 | 8 | 302 | 1084 | 14.5 | 150 / 147 K | 3350 @ 830 | 3075 @ 830 | 503 |
| 11 R 22.5 TL | 16 | 8.25 | 282 | 1058 | 14.3 | 148 / 145 M | 3150 @ 850 | 2900 @ 850 | 489 |



*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S1R4 PLUS

*Application: On road



## AVAILABLE SIZE

295/80 R 22.5 TL


## FEATURES & BENEFITS

- Wider ribs and deeper grooves provide best in class mileage
- Robust tyre construction gives extended life
- Tread compound optimised for cooler running which ensures extended tyre life
- Improved traction for fitment in drive axle for on road application
- Low tyre noise

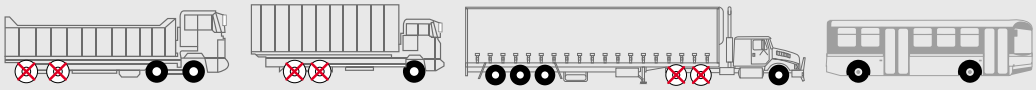
**TECHNICAL DATA**

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 295/80 R 22.5 TL | 16 | 9 | 300 | 1046 | 15.5 | 152 / 148 M | 3550 @ 860 | 3150 @ 860 | 484 |

*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S1F4

*Application: On road




## AVAILABLE SIZES

10.00 R 20
12 R 22.5 TL (S1F6)

## FEATURES & BENEFITS

- Deep skid pattern delivers higher tyre life
- Provides vehicle stability under wet and dry conditions
- Cooler tread compound provides fuel efficiency and improves retreadability
- Circumferential ribs provide good steering response and even wear

### TECHNICAL DATA

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 10.00 R 20 | 16 | 7.5 | 278 | 1060 | 17 | 146 / 143 K | 3000 @ 830 | 2725 @ 830 | 489 |
| 12 R 22.5 TL* | 16 | 9.0 | 300 | 1088 | 16.5 | 150 / 147 L | 3350 @ 830 | 3075 @ 830 | 503 |

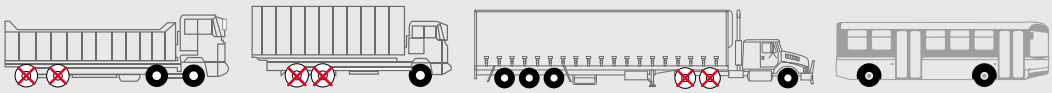
*Available as S1F6 with same pattern and increased cut and chip resistance



*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE S1T4

*Application: On road




## AVAILABLE SIZES

8.25 R 20
9.00 R 20

## FEATURES & BENEFITS

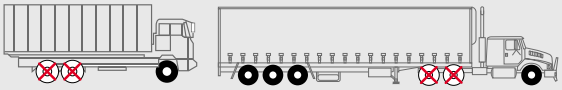
- Unique tread pattern design minimizes side sliding on wet roads
- Strong casing for better retreadability
- Balanced rib tyre design to give excellent mileage

**TECHNICAL DATA**

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR (mm) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 8.25 R 20 | 16 | 6.5 | 235 | 981 | 13 | 137 / 135 K | 2300 @ 860 | 2180 @ 860 | 454 |
| 9.00 R 20 | 14 | 7.0 | 262 | 1020 | 13 | 141 / 139 L | 2575 @ 790 | 2430 @ 790 | 466 |
| 9.00 R 20 | 16 | 7.0 | 262 | 1020 | 13 | 142 / 140 L | 2650 @ 830 | 2500 @ 830 | 466 |

*Refer Page No.71 for the tyre usage details.

# STEEL MUSCLE SSR1

*Application: On road 

## AVAILABLE SIZE

385/65 R 22.5 TL


## FEATURES & BENEFITS

- Super-single tyre with excellent traction for on road applications
- High mileage compound with excellent traction

**TECHNICAL DATA**

| Size / Pattern | Ply Rating | Rec - Rim (inch) | SW (mm) | OD (mm) | NSD (mm) | Load Speed Index | Load / Inflation Kgs / Kpa | | SLR mm |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single | Dual | |
| 385/65 R 22.5 TL | - | 11.75 | 383 | 1072 | 16 | 158L & 160J | 4250 @ 850 | 4500 @ 900 | |



*Refer Page No.71 for the tyre usage details.

# SPEED RATING

Correlation between speed symbol and speed category

| Speed Symbol | Speed Category km/h | Speed Symbol | Speed Category km/h | Speed Symbol | Speed Category km/h |
|---|---|---|---|---|---|
| A1 | 5 | D | 65 | Q | 160 |
| A2 | 10 | E | 70 | R | 170 |
| A3 | 15 | F | 80 | S | 180 |
| A4 | 20 | G | 90 | T | 190 |
| A5 | 25 | J | 100 | U | 200 |
| A6 | 30 | K | 110 | H | 210 |
| A7 | 35 | L | 120 | V | 240 |
| A8 | 40 | M | 130 | W | 270 |
| B | 50 | N | 140 | Y | 300 |
| C | 60 | P | 150 | | |

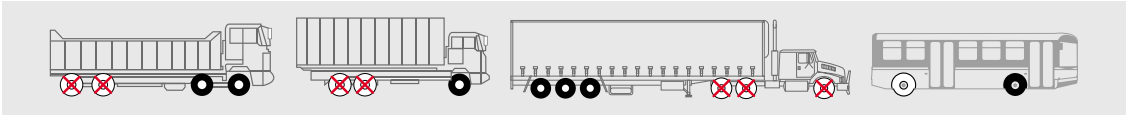
Note: In the case of tyres suitable for speeds higher than 240 km/h the speed category of the tyre must be indicated by the letter 'Z' placed in front of the indication of the structure and indication of the load capacity index may be omitted.

# LOAD INDEX

Correlation between load index and tyre load-carrying capacity (TLCC)

| Load Index (LI) | TLCC kg | Load Index (LI) | TLCC kg | Load Index (LI) | TLCC kg | Load Index (LI) | TLCC kg | Load Index (LI) | TLCC kg |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 45 | 40 | 140 | 80 | 450 | 120 | 1400 | 160 | 4500 |
| 1 | 46.2 | 41 | 145 | 81 | 462 | 121 | 1450 | 161 | 4625 |
| 2 | 47.5 | 42 | 150 | 82 | 475 | 122 | 1500 | 162 | 4750 |
| 3 | 48.7 | 43 | 155 | 83 | 487 | 123 | 1550 | 163 | 4875 |
| 4 | 50 | 44 | 160 | 84 | 500 | 124 | 1600 | 164 | 5000 |
| 5 | 51.5 | 45 | 165 | 85 | 515 | 125 | 1650 | 165 | 5150 |
| 6 | 53 | 46 | 170 | 86 | 530 | 126 | 1700 | 166 | 5300 |
| 7 | 54.5 | 47 | 175 | 87 | 545 | 127 | 1750 | 167 | 5450 |
| 8 | 56 | 48 | 180 | 88 | 560 | 128 | 1800 | 168 | 5600 |
| 9 | 58 | 49 | 185 | 89 | 580 | 129 | 1850 | 169 | 5800 |
| 10 | 60 | 50 | 190 | 90 | 600 | 130 | 1900 | 170 | 6000 |
| 11 | 61.5 | 51 | 195 | 91 | 615 | 131 | 1950 | | |
| 12 | 63 | 52 | 200 | 92 | 630 | 132 | 2000 | | |
| 13 | 65 | 53 | 206 | 93 | 650 | 133 | 2060 | | |
| 14 | 67 | 54 | 212 | 94 | 670 | 134 | 2120 | | |
| 15 | 69 | 55 | 218 | 95 | 690 | 135 | 2180 | | |
| 16 | 71 | 56 | 224 | 96 | 710 | 136 | 2240 | | |
| 17 | 73 | 57 | 230 | 97 | 730 | 137 | 2300 | | |
| 18 | 75 | 58 | 236 | 98 | 750 | 138 | 2360 | | |
| 19 | 77.5 | 59 | 243 | 99 | 775 | 139 | 2430 | | |
| 20 | 80 | 60 | 250 | 100 | 800 | 140 | 2500 | | |
| 21 | 82.5 | 61 | 257 | 101 | 825 | 141 | 2575 | | |
| 22 | 85 | 62 | 265 | 102 | 850 | 142 | 2650 | | |
| 23 | 87.5 | 63 | 272 | 103 | 875 | 143 | 2725 | | |
| 24 | 90 | 64 | 280 | 104 | 900 | 144 | 2800 | | |
| 25 | 92.5 | 65 | 290 | 105 | 925 | 145 | 2900 | | |
| 26 | 95 | 66 | 300 | 106 | 950 | 146 | 3000 | | |
| 27 | 97.5 | 67 | 307 | 107 | 975 | 147 | 3075 | | |
| 28 | 100 | 68 | 315 | 108 | 1000 | 148 | 3150 | | |
| 29 | 103 | 69 | 325 | 109 | 1030 | 149 | 3250 | | |
| 30 | 106 | 70 | 335 | 110 | 1060 | 150 | 3350 | | |
| 31 | 109 | 71 | 345 | 111 | 1090 | 151 | 3450 | | |
| 32 | 112 | 72 | 355 | 112 | 1120 | 152 | 3550 | | |
| 33 | 115 | 73 | 365 | 113 | 1150 | 153 | 3650 | | |
| 34 | 118 | 74 | 375 | 114 | 1180 | 154 | 3750 | | |
| 35 | 121 | 75 | 387 | 115 | 1215 | 155 | 3875 | | |
| 36 | 125 | 76 | 400 | 116 | 1250 | 156 | 4000 | | |
| 37 | 128 | 77 | 412 | 117 | 1285 | 157 | 4125 | | |
| 38 | 132 | 78 | 425 | 118 | 1320 | 158 | 4250 | | |
| 39 | 136 | 79 | 437 | 119 | 1360 | 159 | 4375 | | |

# TYRE USAGE DETAILS



Recommended usage

Optional usage

Do not use

# PRESSURE UNIT: CONVERSION TABLE

| kPa | psi | kPa | psi | kPa | psi |
|---|---|---|---|---|---|
| 6.895 | 1 | 44.795 | 21 | 282.695 | 41 |
| 13.790 | 2 | 151.690 | 22 | 289.590 | 42 |
| 20.685 | 3 | 158.585 | 23 | 296.485 | 43 |
| 27.580 | 4 | 165.480 | 24 | 303.380 | 44 |
| 34.475 | 5 | 172.375 | 25 | 310.275 | 45 |
| 41.370 | 6 | 179.270 | 26 | 344.750 | 50 |
| 48.265 | 7 | 186.165 | 27 | 413.700 | 60 |
| 55.160 | 8 | 193.060 | 28 | 482.650 | 70 |
| 62.055 | 9 | 199.955 | 29 | 551.600 | 80 |
| 68.950 | 10 | 206.850 | 30 | 620.550 | 90 |
| 75.845 | 11 | 213.745 | 31 | 689.500 | 100 |
| 82.740 | 12 | 220.640 | 32 | 723.975 | 105 |
| 89.635 | 13 | 227.535 | 33 | 758.450 | 110 |
| 96.530 | 14 | 234.430 | 34 | 792.925 | 115 |
| 103.425 | 15 | 241.325 | 35 | 827.400 | 120 |
| 110.320 | 16 | 248.220 | 36 | 861.875 | 125 |
| 117.215 | 17 | 255.115 | 37 | 896.350 | 130 |
| 124.110 | 18 | 262.010 | 38 | 930.825 | 135 |
| 131.005 | 19 | 268.905 | 39 | 965.300 | 140 |
| 137.900 | 20 | 275.800 | 40 | 999.775 | 145 |

# TYRE CARE AND MAINTENANCE

## TIPS ON TYRE MAINTENANCE

Any tyre, no matter how well constructed, may fail in use as a result of punctures, impact damage, improper inflation, overloading, excessive wear or other use conditions.

A tyre is wear-sensitive and all tyres eventually wear out. A worn or damaged tyre can present a safety hazard, and a tyre failure can lead to an accident that may result in property damage, injuries or death.

To reduce the risk of tyre failure and to get the best performance from your tyres, follow these simple procedures.

## CHECK TYRE PRESSURE

1. Check the pressure of tyres once a week.
2. Check the pressure in all tyres including the spare tyre(s) as well.
3. Tyre pressure should be checked against the vehicle manufacturer's recommended pressure for the axle loads (or the tyre manufacturer's recommended operating pressures).
4. Check the pressure when tyres are cold or when the vehicle has travelled less than two miles.
5. Use a reliable and accurate pressure gauge.
6. Ensure that valve extensions are fitted and working for inner twins.
7. If you are unsure on any aspect of tyre pressure or tyre condition take your vehicle to an approved fitting centre and speak to the experts.

## CHECK TREAD DEPTH

It is recommended that drivers consider changing their tyres before the legal limit of 1mm. Tyre tread depth should be checked at least once a month or at every fleet inspection, using an accurate tread depth gauge.

## CHECK CONDITION OF TYRES

1. Clean the dirt from the valves and make sure that valve caps are fitted to each wheel.
2. Remove any stones and other objects embedded in the tread. Look out for any bulges, lumps or cuts to the tread and sidewalls.
3. Steering alignment should be corrected if front tyres show signs of excessive or uneven wear.
4. Rotation, Balancing and Wheel Alignment will help tyres wear out uniformly and extend tyre life.

# RIM PROFILE DETAILS

## TRUCK BUS & LIGHT TRUCK TYRES

## RIM

Code Designated Truck and Bus Tyres in Normal Highway Service (Diagonal & Radial)

| Nominal Tyre Section Width | Diameter Code | Approved Rim Contours |
|---|---|---|
| 7.50 | 20 | 5.5, **6.0**, 6.5 |
| 8.25 | 20 | 6.0, **6.5**, 7.0 |
| 9.00 | 20 | 6.5, **7.0**, 7.5 |
| 10.00 | 20 | 7.0, **7.5**, 8.0 |
| | 22.5 | 6.75, **7.50**, 8.25 |
| 11.00 | 20, 22, 24 | 7.5, **8.0**, 8.5 |
| | 22.5, 24.5 | 7.50, **8.25** |
| 12.00 | 20 | 8.0, **8.5**, 9.0 |
| | 24 | 8.0, **8.5**, 9.0 |
| | 22.5 | 8.25, **9.00** |

Metric Truck and Bus Tyres in Normal / Special Service (Radial)

| Nominal Tyre Section Width | Diameter Code | Approved Rim Contours |
|---|---|---|
| 215 | 17.5 | **6.00**, 6.75 |
| 225 | 17.5 | 6.00, **6.75** |
| 235 | 17.5 | **6.75**, 7.50 |
| 245 | 17.5,19.5 | 6.75, **7.50** |
| 265/70 | 19.5 | 6.75, **7.50** |
| 285 | 19.5 | 7.50, **8.25**, 9.00 |
| 255 | 22.5 | 6.75, **7.50**, 8.25 |
| 275 | 22.5 | 7.50, **8.25** |
| 295 | 22.5 | 8.25, **9.00** |
| 315 | 22.5 | **9.00**, 9.75 |
| 325 | 24 | **9 SDC** |

Mining and Logging Tyres

| Nominal Tyre Section Width | Diameter Code | Approved Rim Contours |
|---|---|---|
| 8.25 | 20 | **6.5**, 7.0 |
| 9.00 | 20 | **7.0**, 7.5 |
| 10.00 | 20 | **7.5**, 8.0 |
| 11.00 | 20 | **8.0**, 8.5 |
| 12.00 | 24 | **8.5**, 9.0 |
| 14.00 | 20 | **10.00W** |

Free Rolling Sizes

| Nominal Tyre Section Width | Diameter Code | Approved Rim Contours |
|---|---|---|
| 7.50 | 15 | **6.0**, 6.5, B6.5 |
| 8.25 | 15 | 6.0, **6.5**, **B6.5**, **6.50T**, 7.0 |

# RIM PROFILE DETAILS

## Code Designated Light Tyres in Normal Highway Service (Diagonal & Radial)

| Nominal Tyre Section Width | Diameter Code | Drop Centre Rim | Semi Drop Centre Rim |
|---|---|---|---|
| 4.50 | 10 | 3.00B, **3.50B** | - |
| 6.40 | 15 | **4.50E** | - |
| 6.70 | 15 | **5K**, 5.50F | - |
| 7.00 | 15 | 5K, 5.50F | **5.50F** |
| 6.00 | 16 | **4.50E** | 4.50E |
| 6.50 | 16 | **4.50E**, 5K | 4.50E |
| 7.00 | 16 | 5.50F | **5.50F**, 6.00G |
| 7.50 | 16 | 5.50F | 5.50F, **6.00G** |
| 8.25 | 16 | - | **6.50H**, 6.00G |
| 9.00 | 16 | - | **6.50H**, 6.00G |
| Alpha Numeric Light Truck Tyres | | | |
| F78 | 15 | **5.50F** | - |

## Metric Light Truck Tyres (Diagonal & Radial)

| Nominal Tyre Section Width | Diameter Code | Approved Rim Contours |
|---|---|---|
| 145, 145/80 | 12 | 3.50B, **4.00B**, 3½J, 4J |
| 155, 155/80 | 12, 13 | 4.00B, 4J, 4.50B, **4½J**, 5.00B, 5J |
| 165, 165/80 | 12, 13, 14 | 4J, **4½J**, 5J |
| 175 | 13, 14 | 4½J, **5J**, 5½J |
| 175/65 | 14 | **5J**, 5½J |
| 185 | 14 | 5J, **5½J**, 6J |
| 185/85 | 16 | 4½J, **5J**, 5½J, 6J, 6K |
| 195, 195/80 | 14, 15 | 5J, **5½J**, 6J |
| 195/65 | 14, 16 | 5½J, **6J** |
| 205, 205/80, 205/75 | 16 | **5½J**, 6J, 6½J |
| 205/65 | 16 | 5½J, **6J**, 6½J |
| 215, 215/80, 215/75 | 14, 15, 16 | 5½J, **6J**, 6½J, 7J |

## Metric Light Truck Tyres (Diagonal & Radial)

| Nominal Tyre Section Width | Diameter Code | Approved Rim Contours |
|---|---|---|
| 215/70 | 15 | 5½J, 6J, **6½J**, 7J |
| 215/65 | 16 | 6J, **6½J**, 7J |
| 225/75 | 15 | **6J**, 6½J, 7J |
| 235/85 | 16 | 6J, **6½J**, 7J, 7½J |
| 235/75 | 15 | 6J, **6½J**, 7J |
| 255/70 | 15 | 7J, **7½J**, BJ |

## Ultra-Light Truck Tyres

| Nominal Tyre Section Width | Diameter Code | Approved Rim Contours |
|---|---|---|
| 4.50 | 12 | **3½J**, 4J |
| 5.00 | 12 | 3.00B, **3.50B**, 4.00B |

NOTES:

(1) Recommended rim shown in bold.

(2) The load and inflation pressure on a rim or wheel must not exceed the rim manufacturer's recommendations, particularly for Drop Centre rims, whenever fitment for Light Truck tyres of higher ply rating is intended. Consult rim manufacturer to ensure that the rim - wheel is of sufficient strength for the load, inflation and service intended.

(3) The load and inflation pressure imposed on a rim or wheel must not exceed the rim - wheel manufacturer's recommendations even though the tyre of a size and ply rating designated to assure proper mounting and fit on the rim may be approved for a higher load and inflation. Consult rim manufacturer to ensure that the rim wheel is of sufficient strength for the load and service intended.