< Form : SAE Passenger car >

# WHEEL TEST REPORT

Date : 21/5/2026

| | | | |
|---|---|---|---|
| Reference No. | | PCD Dilling Tool | |
| Name, brand ( type) | | Rim Size | 18X12.5 |
| Offset (mm) | 54 | P.C.D. | 120.65 |
| Hub Dia. | 70.3 | Number of bolt | 5H |
| Weight (kg) | 11.5 | structure | 1 Pc Wheel |
| Material | A356 - T6 ( AC4C ) | Manufacturing Method | Tilting Gravity Casting |
| Wheel Production Date: | -4/2026 | Ingot Lot No. | |

## Customer Name:

**1. Tire used for test :**

| Item | Norminal Decsingnation of tire |
|---|---|
| Dynamic radial fatigue test | 345/35R18 |
| Impact test | 315/35R18 |

**2. Testing conditions and result :** ( Load = 726 kg )

**(1) Dynamic cornering fatigue test :**

Testing equipment approval number : Date of test : Day 4 Month 5 Year 2026

| N | Bending moment during test ( kN.m) | Number of test revolutions ( Cycles ) | Appearances concerning damage, etc. of disc wheel after test | Appearances concerning looseness in attached section , etc, of disc wheel after test | Judgment |
|---|---|---|---|---|---|
| 1 | 3.192 | 150,000 | None | None | OK |

F used in calculation of bending moment 7.12 ( kN ) r = 0.323 ( m ) d = 0.054 ( m )

Calculated bending moment value 3.192 ( kN.m )

**(2) Dynamic radial fatigue test :** ( Load = 726 kg )

Testing equipment approval number : Date of test : Day. 11 Month. 5 Year. 2026

| N | Air pressure prior to test ( kg/cm$^2$ ) | Radial load during test ( kN ) | Number of test revolutions ( Cycles ) | Appearances concerning damage , etc . of disc wheel after test | Appearances concerning looseness in attached section , etc, of disc wheel after test | Judgment |
|---|---|---|---|---|---|---|
| 1 | 4.6 | 17.81 | 1,100,000 | None | None | OK |

F used in calculation of radial load : 7.12 ( kN ) Calculated radial load Q = 17.81 ( kN )

**(3) Impact test :** ( Load = 726 kg )

Testing equipment approval number : Date of test : Day 6 Month. 5 Year 2026

| N | Air pressure prior to test ( Kg / cm$^2$ ) | Overall width ( mm ) | Weight mass ( kgs ) | Drop Hight ( mm ) | Impact degree ( ◦ ) | Impact Position ( ◦ ) | Damage to disc wheel Air leakage | Judgment |
|---|---|---|---|---|---|---|---|---|
| 1 | 2.0 | 342.0 | 615.6 | 230.0 | 13 | 0 | None | OK |
| 2 | 2.0 | 342.0 | 615.6 | 230.0 | 13 | 150 | None | |

**3. Overall assessment :** Qualified : V Not qualified :

**4. Remark : ( check with a circle, when applicable )**

4.1 Indication site for load indication marks : Inner side : V Outer Side : V Rim : Di

4.2 Rust prevention treatment : with 1 Painting V 2. Sputtering 3. Plating

4. Anodizing

PUBLIC COPY - Factory identifiers and signatures redacted. Results unchanged.

< Form : JWL >

# WHEEL TEST REPORT

Date : 21/5/2026

| | | | |
|---|---|---|---|
| Reference No. | | PCD Dilling Tool | |
| Name, brand ( type) | | Rim Size | 18X12.5 |
| Offset (mm) | 54 | P.C.D. | 120.65 |
| Hub Dia. | 70.3 | Number of bolt | 5H |
| Weight (kg) | 11.5 | structure | 1 Pc Wheel |
| Material | A356 ( AC4C ) | Manufacturing Method | Tilting Gravity Casting |
| Wheel Production Date: | .-04/2026 | Ingot Lot No. | |

**Customer Name:**

**1. Tire used for test :**

| Item | Norminal Decsingnation of tire |
|---|---|
| Dynamic radial fatigue test | 345/35R18 |
| Impact test | 315/35R18 |

**2. Testing conditions and result :** ( Load = 726 kg )

**(1) Dynamic cornering fatigue test :**

Testing equipment approval number : Date of test : Day 5 Month 5 Year 2026

| N | Bending moment during test ( kN.m) | Number of test revolutions ( Cycles ) | Appearances concerning damage, etc. of disc wheel after test | Appearances concerning looseness in attached section , etc, of disc wheel after test | Judgment |
|---|---|---|---|---|---|
| 1 | 3.666 | 100,000 | None | None | OK |

F used in calculation of bending moment 8.72 ( kN ) r = 0.323 ( m ) d = 0.054 ( m )

Calculated bending moment value 3.666 ( kN.m )

**(2) Dynamic radial fatigue test :** ( Load = 726 kg )

Testing equipment approval number : Date of test : Day. 13 Month. 5 Year. 2026

| N | Air pressure prior to test ( kg/cm$^2$ ) | Radial load during test ( kN ) | Number of test revolutions ( Cycles ) | Appearances concerning damage , etc . of disc wheel after test | Appearances concerning looseness in attached section , etc, of disc wheel after test | Judgment |
|---|---|---|---|---|---|---|
| 1 | 4.6 | 19.63 | 500,000 | None | None | OK |

F used in calculation of radial load : 8.72 ( kN ) Calculated radial load Q = 19.63 ( kN )

**(3) Impact test :** ( Load = 726 kg )

Testing equipment approval number : Date of test : Day 7 Month. 5 Year 2026

| N | Air pressure prior to test ( Kg / cm$^2$ ) | Overall width ( mm ) | Weight mass ( kgs ) | Drop Hight ( mm ) | Impact degree ( ◦ ) | Impact Position ( ◦ ) | Damage to disc wheel Air leakage | Judgment |
|---|---|---|---|---|---|---|---|---|
| 1 | 2.0 | 342.0 | 615.6 | 230.0 | 13 | 0 | None | OK |
| 2 | 2.0 | 342.0 | 615.6 | 230.0 | 13 | 150 | None | |

**3. Overall assessment :** Qualified : V Not qualified :

**4. Remark : ( check with a circle, when applicable )**

4.1 Indication site for load indication marks : Inner side : V Outer Side : V Rim : Di

4.2 Rust prevention treatment : with 1 Painting V 2. Sputtering 3. Plating

4. Anodizing

PUBLIC COPY - Factory identifiers and signatures redacted. Results unchanged.