

# TEST REPORT

Name (Type)	SF72	Rim Size	17X8JJ
Offset(mm)	30	P.C.D	120 mm
Number of bolt(holes)	5	Structure	One piece
Material	AL	Manufacturing method	Casting

Manufacturer : **Beyern Multi** (stamp)

Responsible Dept : **Q** (stamp)



## 1. The tire used for testing

Item	Tire spec
Dynamic radial fatigue test	275/65R17
Impact test	205/40R17

## 2. Test conditions and results

(1)Dynamic cornering fatigue test Date of test. (Month) 5 (Date) 18 (Year) 2006

Testing equipment number: A-118

Bending moment during test (KG.m)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
354	150,000	No damage	No damage	OK

F: used for calculating bending moment 785 (KG) r: 0.359 (m) d: 0.030 (m)

Bending moment value M 354 (KG.m)

(2)Dynamic radial fatigue test Date of test. (Month) 5 (Date) 25 (Year) 2006

Test equipment number: B-108

Air pressure prior to test (Kpa)	Radial Load during test(Kgf)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
460	1963	1, 100, 000	No damage	No damage	OK

F: used for calculatiing radial load 785 (KG) Radial load 1963 (Kgf)

(3)Impact test Date of test. (Month) 5 (Date) 17 (Year) 2006

Test equipment number: C-155

Air pressure prior to test {Kpa}	Weight mass (KG)	Drop height(mm)	Impact position	Is there any crack to the wheel after test?	Air leakage?	Judgement
200	655	230	0° 180°	No damage	NO	OK

3.Overall judgement: OK

4.Remark:

1)The position of load Indication marks: front side, back side, Rim, Disc

2)Rust prevention treatment:

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# TEST REPORT

Name (Type)	SF72	Rim Size	17X8, 0J
Offset(mm)	40	P.C.D	120 mm
Number of bolt(holes)	5	Structure	One piece
Material	AL	Manufacturing method	Casting

Manufacturer : **Beyern Multi** (stamp)

Responsible Dept : **品保部** (stamp)



## 1. The tire used for testing

Item	Tire spec
Dynamic radial fatigue test	275/65R17
Impact test	205/40R17

## 2. Test conditions and results

(1)Dynamic cornering fatigue test Date of test, (Month) 6 (Date) 06 (Year) 2006

Testing equipment number: A-118

Bending moment during test { KG.m }	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
360	150,000	No damage	No damage	OK

F: used for calculating bending moment 772 (KG) r: 0.359 (m) d: 0.040 (m)

Bending moment value M 360 (KG.m)

(2)Dynamic radial fatigue test Date of test, (Month) 6 (Date) 09 (Year) 2006

Test equipment number: B-108

Air pressure prior to test (Kpa)	Radial Load during test(Kgf)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
460	1930	1, 100, 000	No damage	No damage	OK

F: used for calculating radial load 772 (KG) Radial load 1930 (Kgf)

(3)Impact test Date of test, (Month) 6 (Date) 07 (Year) 2006

Test equipment number: C-155

Air pressure prior to test {Kpa}	Weight mass (KG)	Drop height(mm)	Impact position	Is there any crack to the wheel after test?	Air leakage?	Judgement
200	645	230	0° 180°	No damage	NO	OK

3.Overall judgement: OK

4.Remark:

1)The position of load Indication marks: front side, back side, Rim, Disc

2)Rust prevention treatment:

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# TEST REPORT

Name (Type)	SF72	Rim Size	18X8. 5J
Offset(mm)	40	P.C.D	120 mm
Number of bolt(holes)	5	Structure	One piece
Material	AL	Manufacturing method	Casting

Manufacturer : Beyern Multi (stamp)

Responsible Dept : 品保部 (stamp)



## 1.The tire used for testing

Item	Tire spec
Dynamic radial fatigue test	285/60R18
Impact test	215/40R18

## 2. Test conditions and results

(1)Dynamic cornering fatigue test Date of test, (Month) 6 (Date) 08 (Year) 2006

Testing equipment number: A-118

Bending moment during test { KG.m }	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
387	150,000	No damage	No damage	OK

F: used for calculating bending moment 829 (KG) r: 0.359 (m) d: 0.040 (m)

Bending moment value M 387 (KG.m)

(2)Dynamic radial fatigue test Date of test, (Month) 6 (Date) 10 (Year) 2006

Test equipment number: B-108

Air pressure prior to test (Kpa)	Radial Load during test(Kgf)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
460	2073	1, 100, 000	No damage	No damage	OK

F: used for calculatiing radial load 829 (KG) Radial load 2073 (Kgf)

(3)Impact test Date of test, (Month) 6 (Date) 07 (Year) 2006

Test equipment number: C-155

Air pressure prior to test {Kpa}	Weight mass (KG)	Drop height(mm)	Impact position	Is there any crack to the wheel after test?	Air leakage?	Judgement
200	680	230	0° 180°	No damage	NO	OK

3.Overall judgement: OK

4.Remark:

1)The position of load Indication marks: front side, back side, Rim, Disc

2)Rust prevention treatment:

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# TEST REPORT

Name (Type)	SF72	Rim Size	18X9.5J
Offset(mm)	45	P.C.D	120 mm
Number of bolt(holes)	5	Structure	One piece
Material	AL	Manufacturing method	Casting

Manufacturer : Beyern Multi (stamp)  
 Responsible Dept : Q (stamp)



## 1. The tire used for testing

Item	Tire spec
Dynamic radial fatigue test	285/60R18
Impact test	235/40R18

## 2. Test conditions and results

(1) Dynamic cornering fatigue test Date of test, (Month) 6 (Date) 10 (Year) 2006

Testing equipment number: A-118

Bending moment during test { KG.m }	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
394	150,000	No damage	No damage	OK

F: used for calculating bending moment 829 (KG) r: 0.359 (m) d: 0.045 (m)

Bending moment value M 394 (KG.m)

(2) Dynamic radial fatigue test Date of test, (Month) 6 (Date) 13 (Year) 2006

Test equipment number: B-108

Air pressure prior to test (Kpa)	Radial Load during test(Kgf)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
460	2073	1, 100, 000	No damage	No damage	OK

F: used for calculating radial load 829 (KG) Radial load 2073 (Kgf)

(3) Impact test Date of test, (Month) 6 (Date) 09 (Year) 2006

Test equipment number: C-155

Air pressure prior to test {Kpa}	Weight mass (KG)	Drop height(mm)	Impact position	Is there any crack to the wheel after test?	Air leakage?	Judgement
200	680	230	0° 180°	No damage	NO	OK

3. Overall judgement: OK

4. Remark:

1) The position of load Indication marks: front side, back side, Rim, Disc

2) Rust prevention treatment:

form version 1



# TEST REPORT

Name (Type)	SF72	Rim Size	19X8.5J
Offset(mm)	40	P.C.D	120 mm
Number of bolt(holes)	5	Structure	One piece
Material	AL	Manufacturing method	Casting

Manufacturer : Beyern Multi (stamp)  
 Responsible Dept : Q (stamp)



## 1. The tire used for testing

Item	Tire spec
Dynamic radial fatigue test	245/60R19
Impact test	225/40R19

## 2. Test conditions and results

(1) Dynamic cornering fatigue test Date of test, (Month) 6 (Date) 12 (Year) 2006

Testing equipment number: A-118

Bending moment during test (KG.m)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
382	150,000	No damage	No damage	OK

F: used for calculating bending moment 829 (KG) r: 0.354 (m) d: 0.040 (m)

Bending moment value M 382 (KG.m)

(2) Dynamic radial fatigue test Date of test, (Month) 6 (Date) 14 (Year) 2006

Test equipment number: B-108

Air pressure prior to test (Kpa)	Radial Load during test(Kgf)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
460	2073	1, 100, 000	No damage	No damage	OK

F: used for calculating radial load 829 (KG) Radial load 2073 (Kgf)

(3) Impact test Date of test, (Month) 6 (Date) 12 (Year) 2006

Test equipment number: C-155

Air pressure prior to test {Kpa}	Weight mass (KG)	Drop height(mm)	Impact position		Is there any crack to the wheel after test?	Air leakage?	Judgement
200	680	230	0°	180°	No damage	NO	OK

3. Overall judgement: OK

4. Remark:

1) The position of load Indication marks: front side, back side, Rim, Disc

2) Rust prevention treatment:

form version 1

# TEST REPORT

Name (Type)	SF72	Rim Size	19X9.5J
Offset(mm)	45	P.C.D	120 mm
Number of bolt(holes)	5	Structure	One piece
Material	AL	Manufacturing method	Casting

Manufacturer : **Beyern Multi** (stamp)  
Responsible Dept : **Q** (stamp)



## 1. The tire used for testing

Item	Tire spec
Dynamic radial fatigue test	285/35R19
Impact test	235/40R19

## 2. Test conditions and results

(1)Dynamic cornering fatigue test Date of test, (Month) 6 (Date) 14 (Year) 2006

Testing equipment number: A-118

Bending moment during test { KG.m }	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
357	150,000	No damage	No damage	OK

F: used for calculating bending moment 829 (KG) r: 0.320 (m) d: 0.045 (m)

Bending moment value M 357 (KG.m)

(2)Dynamic radial fatigue test Date of test, (Month) 6 (Date) 16 (Year) 2006

Test equipment number: B-108

Air pressure prior to test (Kpa)	Radial Load during test(Kgf)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
460	2073	1, 100, 000	No damage	No damage	OK

F: used for calculatiing radial load 829 (KG) Radial load 2073 (Kgf)

(3)Impact test Date of test, (Month) 6 (Date) 13 (Year) 2006

Test equipment number: C-155

Air pressure prior to test {Kpa}	Weight mass (KG)	Drop height(mm)	Impact position	Is there any crack to the wheel after test?	Air leakage?	Judgement
200	680	230	0° 180°	No damage	NO	OK

3.Overall judgement: OK

4.Remark:

1)The position of load Indication marks: front side, back side, Rim, Disc

2)Rust prevention treatment:

form version 1



# TEST REPORT

Name (Type)	SF72	Rim Size	20X10J
Offset(mm)	40	P.C.D	120 mm
Number of bolt(holes)	5	Structure	One piece
Material	AL	Manufacturing method	Casting

Manufacturer : Beyern Multi (stamp)  
 Responsible Dept : 品保部 (stamp)



## 1. The tire used for testing

Item	Tire spec
Dynamic radial fatigue test	285/50R20
Impact test	255/35R20

## 2. Test conditions and results

(1)Dynamic cornering fatigue test Date of test, (Month) 6 (Date) 18 (Year) 2006

Testing equipment number: A-118

Bending moment during test (KG.m)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
391	150,000	No damage	No damage	OK

F: used for calculating bending moment 829 (KG) r: 0.363 (m) d: 0.040 (m)

Bending moment value M 391 (KG.m)

(2)Dynamic radial fatigue test Date of test, (Month) 6 (Date) 20 (Year) 2006

Test equipment number: B-108

Air pressure prior to test (Kpa)	Radial Load during test(Kgf)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
460	2073	1, 100, 000	No damage	No damage	OK

F: used for calculating radial load 829 (KG) Radial load 2073 (Kgf)

(3)Impact test Date of test, (Month) 6 (Date) 17 (Year) 2006

Test equipment number: C-155

Air pressure prior to test {Kpa}	Weight mass (KG)	Drop height(mm)	Impact position	Is there any crack to the wheel after test?	Air leakage?	Judgement
200	680	230	0° 180°	No damage	NO	OK

3.Overall judgement: OK

4.Remark:

1)The position of load Indication marks: front side, back side, Rim, Disc

2)Rust prevention treatment:

form version 1

# TEST REPORT



Manufacturer : Beyern Multi (stamp)  
Responsible Dept : 品保部 (stamp)

Name (Type)	SF72	Rim Size	20X8. 5J
Offset(mm)	40	P.C.D	120 mm
Number of bolt(holes)	5	Structure	One piece
Material	AL	Manufacturing method	Casting



## 1.The tire used for testing

Item	Tire spec
Dynamic radial fatigue test	285/50R20
Impact test	245/40R20

## 2. Test conditions and results

(1)Dynamic cornering fatigue test Date of test, (Month) 6 (Date) 18 (Year) 2006

Testing equipment number: A-118

Bending moment during test { KG.m }	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
393	150,000	No damage	No damage	OK

F: used for calculating bending moment 829 (KG) r: 0.366 (m) d: 0.040 (m)

Bending moment value M 393 (KG.m)

(2)Dynamic radial fatigue test Date of test, (Month) 6 (Date) 21 (Year) 2006

Test equipment number: B-108

Air pressure prior to test (Kpa)	Radial Load during test(Kgf)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
460	2073	1, 100, 000	No damage	No damage	OK

F: used for calculating radial load 829 (KG) Radial load 2073 (Kgf)

(3)Impact test Date of test, (Month) 6 (Date) 18 (Year) 2006

Test equipment number: C-155

Air pressure prior to test {Kpa}	Weight mass (KG)	Drop height(mm)	Impact position		Is there any crack to the wheel after test?	Air leakage?	Judgement
200	680	230	0°	180°	No damage	NO	OK

3.Overall judgement: OK

4.Remark:

1)The position of load Indication marks: front side, back side, Rim, Disc

2)Rust prevention treatment:

form version 1



# TEST REPORT

Name (Type)	SF72	Rim Size	22X11J
Offset(mm)	25	P.C.D	120 mm
Number of bolt(holes)	5	Structure	One piece
Material	AL	Manufacturing method	Casting

Manufacturer : Beyern Multi (stamp)

Responsible Dept : 品保部 (stamp)



## 1. The tire used for testing

Item	Tire spec
Dynamic radial fatigue test	325/40R22
Impact test	275/35R22

## 2. Test conditions and results

### (1) Dynamic cornering fatigue test

Date of test, (Month) 6 (Date) 20 (Year) 2006

Testing equipment number: A-118

Bending moment during test { KG.m }	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
412	150,000	No damage	No damage	OK

F: used for calculating bending moment 829 (KG) r: 0.407 (m) d: 0.025 (m)

Bending moment value M 412 (KG.m)

### (2) Dynamic radial fatigue test

Date of test, (Month) 6 (Date) 22 (Year) 2006

Test equipment number: B-108

Air pressure prior to test (Kpa)	Radial Load during test(Kgf)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
460	2073	1, 100, 000	No damage	No damage	OK

F: used for calculating radial load 829 (KG) Radial load 2073 (Kgf)

### (3) Impact test

Date of test, (Month) 6 (Date) 20 (Year) 2006

Test equipment number: C-155

Air pressure prior to test {Kpa}	Weight mass (KG)	Drop height(mm)	Impact position	Is there any crack to the wheel after test?	Air leakage?	Judgement
200	680	230	0° 180°	No damage	NO	OK

3. Overall judgement: OK

## 4. Remark:

1) The position of load Indication marks: front side, back side, Rim, Disc

2) Rust prevention treatment:

form version 1

# TEST REPORT

Name (Type)	SF72	Rim Size	22X9.5J
Offset(mm)	35	P.C.D	120 mm
Number of bolt(holes)	5	Structure	One piece
Material	AL	Manufacturing method	Casting

Manufacturer : Beyern Multi (stamp)  
 Responsible Dept : Q (stamp)



## 1. The tire used for testing

Item	Tire spec
Dynamic radial fatigue test	305/45R22
Impact test	245/35R22

## 2. Test conditions and results

(1) Dynamic cornering fatigue test Date of test, (Month) 6 (Date) 23 (Year) 2006

Testing equipment number: A-118

Bending moment during test (KG.m)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
425	150,000	No damage	No damage	OK

F: used for calculating bending moment 829 (KG) r: 0.407 (m) d: 0.035 (m)

Bending moment value M 425 (KG.m)

(2) Dynamic radial fatigue test Date of test, (Month) 4 (Date) 23 (Year) 2009

Test equipment number: B-108

Air pressure prior to test (Kpa)	Radial Load during test(Kgf)	Number of Revolutions	Is there any crack on the wheel after test?	Any looseness on the bolts or other area of the wheel after test?	Judgement
460	2073	1, 100, 000	No damage	No damage	OK

F: used for calculating radial load 500 (KG) Radial load 2073 (Kgf)

(3) Impact test Date of test, (Month) 6 (Date) 26 (Year) 2006

Test equipment number: C-155

Air pressure prior to test {Kpa}	Weight mass (KG)	Drop height(mm)	Impact position	Is there any crack to the wheel after test?	Air leakage?	Judgement
200	680	230	0° 180°	No damage	NO	OK

3. Overall judgement: OK

4. Remark:

1) The position of load Indication marks: front side, back side, Rim, Disc

2) Rust prevention treatment:

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