



INDEPENDENT
TEST
SERVICES

7704 Ronda Dr. • Canton, MI 48187-2003
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C-0720
Bullet
Rotobox

Rotary Fatigue Test Report

Test Parameters

Specification: TUV for Carbon wh
Wheel Size: 17x3.5 in
Stud Size: M8 x 1.5
Bolt Pattern: 5 x 90 mm
Load: 340 Nm
Initial Torque: 110 Nm

Test Data

Wheel ID: F004
Mold ID:
Date: 9/6/2019
Initial Deflection: 5.0 mm
Machine: C-02

	Cycles	Deflection	Torques (Nm)	Inspection Result
<u>First Inspection</u>	100,000	5.0 mm		No Cracks
<u>Second Inspection</u>				
<u>Final Inspection</u>	1,000,000	5.3 mm		No Cracks

End of Test Description:

Acceptance criteria at Bogie cycles per specification

Does deflection exceed the specification? No

Does torque loss exceed the specification? No

Do cracks exist that exceed the specification? No

Test Result: Pass

Technician: 
Ken Archibald



This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation ACT-1165. The reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of 2. The uncertainty of this test is .54% of the rated output.

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