



Artav Stainless Steel
 20 Malcolm Road, Westmead, Durban, 4001
 +27 31 700 2722 www.artav.co.za sales@artav.co.za
ISO 9001:2015 certified

Test No
 ART-010
 Date
 31-08-2020

Product Test Report

Test Type Vibration Sweep Test (Accelerated Life Test) (Based on TSM-0502G)

Product Nudge bar Isuzu Nudge bar with bottom mount only brackets

Tested Resonance 19 Hz

Test Parameters

Start Freq	16	Hz	Sweep time	12	Sec
End Freq	22	Hz	(Start-End-Start)		
Test Cycles	2000000				
Sweeps	8771.9	Duration	29.2	hours	

TEST LOG

Date	Start Time	End Time	Elapsed (hrs)	Sweeps	Cycles	Observations
27-08-2020	06:30	17:45	11.25	3375.0	769500	
28-08-2020	07:00	14:00	7.00	2100.0	478800	
31-08-2020	06:00	17:00	11.00	3300.0	752400	
			0.00	0.0	0	
			0.00	0.0	0	
			0.00	0.0	0	
			0.00	0.0	0	
			0.00	0.0	0	
			0.00	0.0	0	
			0.00	0.0	0	
			0.00	0.0	0	
			0.00	0.0	0	
			0.00	0.0	0	
Totals			29.3	8775.0	2000700	

Vibration Settings

Weight Setting Calculated Acceleration (from Table)

Acceleration Sensor Test Reports

Sensor 1	# No.	Certificate	Date
Sensor 2	# No.	Certificate	Date

Test Results

Mount a Nudge with oval xm onto bottom mount only brackets
 After 2 million cycles the nudge or brackets showed no visible signs of damage



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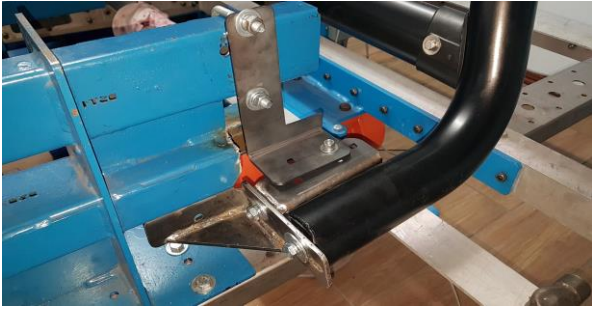
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set up



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