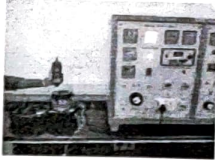


TEST REPORT

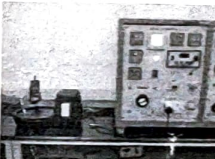
Product: Tabletop Grinder
 Model: Tusker
 Part Description: Full Packaging unit
 No of Sample: 1 No
 Reason for test: New Model Sample T1 Validation Purpose.

Location: DQ lab
 Report No: 08/2024-07
 Date: 22 Jul 2024
 Ratted Watts: 150W

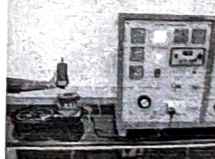
Motor Details

S. No	Motor			Test Image
	Amps	Watts	RPM	
1	0.61A	128W	1478	

No Load Data

S. No	Without Drum			Test Image
	Amps	Watts	RPM	
1	0.62A	133W	144	

Load Data

S. No	With Drum			Test Image
	Amps	Watts	RPM	
1	0.66A	146W	141	

PERFORMANCE TEST

DFU quantities & customer abuse quantities of Rice are tested for 1 cycle at rated voltage without any abnormality.

Pass Criteria: No trip & abnormality observed, and Max allowable rated time limit is 60 minutes of each recipe.

Sample - 7A				
Parameters	DFU Quantities		Customer Abuse Quantities	
	Dhall-200g	Rice - 1Kg	Dhall-250g	Rice - 1250g
Tough Ingredient Performance				
Average Watts in W	152W	180W	168W	197W
Average Amps in A	0.70A	0.76A	0.72A	0.85A
Test cycles	2	2	2	2
Operating time in seconds	20min	20min	20min	20min
TOP trip Status	No	No	No	No
(Dall-710-micron & Rice-500-micron)	5g	6g	5g	6g
Sieve / Residue				
Performance level	OK	OK	OK	OK

TEST REPORT

Product:	Tabletop Grinder	Location:	DQ lab
Model:	Tusker	Report No:	08/2024-07
Part Description:	Full Packaging unit	Date:	22 Jul 2024
No of Sample:	1 No	Rated Watts:	150W
Reason for test:	New Model Sample T1 Validation Purpose.		

TEMPERATURE RISE

TEST:

1 cycle = 60 min ON, (Based on saturation of motor coil temperature) tested @230V of Rated voltage.

Test Voltage: 230V

Cycle Timing: 60 Min on and Maintained 200W	230V
Average watts in W	195W to 210W
Average Amps in A	0.79A to 0.83A
Average RPM	128
Temp rise at Enclosure temp in °C	41
Temp rise at Plug & chord temp in °C	32
Temp rise at Top Casting temp in °C	78
Temp rise at Top Winding temp in °C	66
Temp rise at Stator Core temp in °C	63
Temp rise at Bottom Casting temp in °C	74
Temp rise at Bottom Winding temp in °C	61
Room temp in °C	30
Result	Ok

Result:

Performance Test & Temperature Rise Test OK.

Suresh Tested By:	 Verified By:	 Approved By: 20/8/24
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