

TEST REPORT

Product: Mixer Grinder
 Model: Galaxy
 Part Description: Bottom Unit
 Supplier: Preethi
 No of Sample: 1No
 Reason for test: Benchmark Validation purpose.

Location: DQ lab
 Report No: 40/2024-08
 Date: 30 Aug 2024
 Rated Watts: 750W
 OLP rating: 3.2A

NO LOAD CHARACTERISTICS: RATED VOLTAGE@230V

Sampled ID	Amps	Watts	RPM	Amps	Watts	RPM	Amps	Watts	RPM
Speed	1			2			3		
40A	0.95	184	18124	1.13	207	20233	1.27	289	21281

FULL LOAD CHARACTERISTICS: @ RATED WATTS & RATED VOLTAGE_750W & 230V

Sampled ID	Amps	Watts	RPM	Amps	Watts	RPM	Amps	Watts	RPM
Speed	1			2			3		
40A	3.07	642	10592	3.20	680	10998	3.44	750	11223

Temperature Rise test - Below 115°C (Stator and rotor Temperature)

Sample ID	Sample 40A		
	207V@700W	230V@750W	243V@750W
Test Volage			
Test Wattage			
Rotor Temp	108	98	92
Stator Winding Temp	96	84	73
Stator Core	65	58	52
Commutator	102	95	86
Shaft Temp	80	76	69
Motor Cover Temp	76	72	69
Inlet Air	58	48	44
Outlet Air	72	65	59
Room Temp	30	30	30
Result	Ok	Ok	Ok

Result:

➤ Temperature Rise Test OK.

 Tested By:	 Verified By:	 Approved By: 6/9/24
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