

TEST REPORT

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

Location: DQ lab
 Report No: 33/2024-08
 Date: 20 Aug 2024
 Ratted Watts: 750W
 OLP rating: 3.2A

NO-LOAD CHARACTERISTIC @ RATED VOLTAGE (230V)									
ID	Amps	Watts	RPM	Amps	Watts	RPM	Amps	Watts	RPM
	Speed 1			Speed 2			Speed 3		
33A	1.03	231	18269	1.10	246	19193	1.20	267	20245

FULL LOAD CHARACTERISTICS: @ RATED VOLTAGE (230V)									
ID	Amps	Watts	RPM	Amps	Watts	RPM	Amps	Watts	RPM
	Speed 1			Speed 2			Speed 3		
33A	3.07	642	10592	3.22	681	11002	3.44	750	11623

Temperature Rise test - Below 115°C (Stator and rotor Temperature)			
Sample ID	Sample 33 A		
Test Volage	207V	230V	243V
Test Wattage	700W	750W	750W
Rotor Temp	111	108	90
Stator Temp	100	93	79
Stator Core	57	58	53
Commutator	95	85	80
Shaft Temp	86	80	76
Motor Casing Temp	73	72	64
Inlet Air	55	49	46
Outlet Air	70	68	61
Room Temp	31	31	31
Result	OK	OK	OK

Result:
 ✓ Temperature Rise Test OK.

 Tested By:	 Verified By:	 30/8/24 Approved By:
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