JHW Winders Enterprise PTY Ltd

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Core Test

Date:				
Job No.				
Customer:				
Make:				
Rate kW:		kW.	h.p.	
Rated Voltage:		Volts.		
Rated Speed:		r.p.m.	No. Poles.	
Rated Current:		Amps.		
Frequency:		Hz		
Serial No.				

MOTOR DIMENSIONS:

Core Length:		mm.	Stacking Factor:		0,95
No. of Air Ducts:			If no Stacking Factor is entered then computer will		
Air duct Length:		mm.	default to 0.95 as a value.		
Internal Diameter:		mm.			
External Diameter:		mm.	Back Iron Flux Density:		1,2
			If no density is stated a density of 1.2 Tesla		
Depth of Slots:		mm.	will be used as a default value.		

Remarks:

Core Area: (Back Iron.) 0 Sq. mm.

Using the core dimensions and assumed back iron core flux density.

Volts per turn: 0 Volts. 0

0

Core Mass: (Yoke only).

Yoke "H" 0 Iron Length: 0 mm (Circumferential)

Mass: (Yoke) 0 kg.

Power: Watts. (as read on the core tester Watt meter).

Current: amps Iron Loss 0 Watts

Loss per kg. w /kg.

W/kg.	
up to 5	Good
5 to 8	Acceptable
8 to 12	Further tests
Above 12	Reject.

Check for mechanical damage

Acceptable

Result: *Good Core*