

THE BRITISH THOMSON-HOUSTON CO., LTD., RUGBY.

— TEST RECORD. —

Date 21-10-49

Stator & Rotor Unit
INDUCTION MOTOR.

Type WKT 35/16

Phase 3 Cycles 50

MACHINE No. 51286-F1, 2, 3,
4 & 5

P. 3

Amp. 4.1

Volts 400/440

S.O. No. 51286-F

Poles 2

R.P.M. 2900

SRW. 34952/9018

Req. No. 324901/7000

Customer MESSRS. WORTHINGTON-SIMPSON LTD.

Customer's
Ref.

MACHINE No.		VOLTS	AMP. 1	AMP. 2	AMP. 3	WATTS 1	WATTS 2	WATTS TOTAL	POWER FACTOR		R.P.M.
									W/VA	W1/W2	
86-F1	Light Run	420	1.01	1.0	1.01			175			3000
	Impedance	140	7.6	7.4	7.5			670			-
	XXXX XXXX										
86-F2	Impedance	140	7.4	7.4	7.3			630			-
	XXXX XXXX										
86-F3	Impedance	140	7.4	7.4	7.3			610			-
	XXXX XXXX										
86-F4	Impedance	140	7.4	7.4	7.3			630			-
	XXXX XXXX										
86-F5	Impedance	140	7.4	7.4	7.3			610			-
	Light Run										
	Impedance										

STATOR $\star \Delta$
Terminals A1-A2 Etc.ROTOR $\gamma \Delta$
Terminals Etc.HIGH VOLTAGE
TEST.
FOR 60 SEC.SLIPRING VOLTS WITH
VOLTS ON STATORRESISTANCE
Ohms

°C.

RESISTANCE
Ohms

°C.

STATOR
VoltsROTOR
Volts

D-E

E-F

F-D

86-F1 5.05 17

86-F2 5.07 20

86-F3 5.07 20

86-F4 5.0 20

86-F5 5.0 19

2000

2000

2000

2000

2000

These Stator and Rotor Units are identical with other
units which have been built and tested, and whose temperature
after a full load heat run did not exceed 35°C.

FOR COMPLETE TYPE
TEST SEE TESTS ON
DUPLICATE MACHINE
No.

Tested By A&C
Checked By EWDate 11-10-49
Date 14-10-49

11-10-49

14-10-49

Approved THE BRITISH THOMSON-HOUSTON CO. LTD.

CWR/MM

W. G. Connell J. H. J.

008628-008633-0140