



**Routine Test Certificate**  
**3ph Ind. Motor**

Machine No

Customer Part Code : 0.5Hp 1440rpm FLP

S. O. No :236235

**NAME PLATE DATA :**

Type	: TENV	Frequency	: 50	Duty	: S1
kW/HP	: 0.37/0.5	Efficiency	:82.1%	CD S1 Output	: .
Current	:1.2	Power Factor	: 0.85	Ins. Cl.	: F
Voltage	:415	Connection	: STAR	Frame	: SPL
Speed	: 1440	Protection	: IP55	Ref. Standard	: IS12615:2011

**OTHER DATA :**

Direction	: BI DIRECTIONAL	T. Box Position	: 45 deg	Rotor Class	: NA
DE Bearing	: NU2307	Rotor Voltage	:NA	A. C. Heater	:NA
NDE Bearing	:22308	Rotor Current	:NA	PTC	:NA
Construction	: CAST IRON			RTD	:NA

**TEST RESULTS : RESISTANCE OF STATOR WINDING**

Polarity & Connection	Avg Res (Ohms)	Amb Temp (C)
STAR	27.1	30

**NO LOAD TEST :**

Polarity and Connection	Voltage (Volts)	Current (Amp.)	Input Power (watts)
STAR	415	0.58	182

**Reduced Voltage Run Up Test : ok @ 230v**

**LOCKED ROTOR TEST : 460%**

Polarity & Connection	Voltage (Volts)	Current (Amp.)			Input Power (Watts)
STAR	415	2.4	2.4	2.4	2.6KVA

**HIGH VOLTAGE TEST :ok**

	Voltage	Duration	Remarks
Stator	2000v	1min	ok

**INSULATION RESISTANCE TEST :100Mohm**

Winding	Insulation Resistance
Stator	> 5GOHMS

**Remarks :** We hereby confirm that the machine has been manufactured in accordance with the standard listed above and that the specified tests and inspections have been carried out. the machine was found to be electrically and mechanically in order.

**Description :**

**CHECKED BY :**

**TEST DATE :**



# Routine Test Certificate 3ph Ind. Motor

Machine No

Customer Part Code : 0.5Hp 1440rpm FLP

S. O. No :236236

## NAME PLATE DATA :

Type : TENV	Frequency : 50	Duty : S1
kW/HP : 0.37/0.5	Efficiency :82.1%	CD S1 Output : .
Current :1.2	Power Factor : 0.85	Ins. Cl. : F
Voltage :415	Connection : STAR	Frame : SPL
Speed : 1440	Protection : IP55	Ref. Standard : IS12615:2011

## OTHER DATA :

Direction : BI DIRECTIONAL	T. Box Position : 45 deg	Rotor Class : NA
DE Bearing : NU2307	Rotor Voltage :NA	A. C. Heater :NA
NDE Bearing :22308	Rotor Current :NA	PTC :NA
Construction : CAST IRON		RTD :NA

## TEST RESULTS : RESISTANCE OF STATOR WINDING

Polarity & Connection	Avg Res (Ohms)	Amb Temp (C)
STAR	27.1	30

## NO LOAD TEST :

Polarity and Connection	Voltage (Volts)	Current (Amp.)	Input Power (watts)
STAR	415	0.59	186

Reduced Voltage Run Up Test : ok @ 230v

## LOCKED ROTOR TEST : 460%

Polarity & Connection	Voltage (Volts)	Current (Amp.)			Input Power (Watts)
STAR	415	2.4	2.4	2.4	2.6KVA

## HIGH VOLTAGE TEST :ok

	Voltage	Duration	Remarks
Stator	2000v	1min	ok

## INSULATION RESISTANCE TEST :100Mohm

Winding	Insulation Resistance
Stator	> 5GOHMS

Remarks : We hereby confirm that the machine has been manufactured in accordance with the standard listed above and that the specified tests and inspections have been carried out. the machine was found to be electrically and mechanically in order.

Description :

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## Routine Test Certificate 3ph Ind. Motor

Machine No

Customer Part Code : 0.5Hp 1440rpm FLP

S. O. No :236237

### NAME PLATE DATA :

Type : TENV	Frequency : 50	Duty : S1
kW/HP : 0.37/0.5	Efficiency :82.1%	CD S1 Output : .
Current :1.2	Power Factor : 0.85	Ins. Cl. : F
Voltage :415	Connection : STAR	Frame : SPL
Speed : 1440	Protection : IP55	Ref. Standard : IS12615:2011

### OTHER DATA :

Direction : BI DIRECTIONAL	T. Box Position : 45 deg	Rotor Class : NA
DE Bearing : NU2307	Rotor Voltage :NA	A. C. Heater :NA
NDE Bearing :22308	Rotor Current :NA	PTC :NA
Construction : CAST IRON		RTD :NA

### TEST RESULTS : RESISTANCE OF STATOR WINDING

Polarity & Connection	Avg Res (Ohms)	Amb Temp (C)
STAR	27.1	30

### NO LOAD TEST :

Polarity and Connection	Voltage (Volts)	Current (Amp.)	Input Power (watts)
STAR	415	0.55	181

### Reduced Voltage Run Up Test : ok @ 230v

### LOCKED ROTOR TEST : 460%

Polarity & Connection	Voltage (Volts)	Current (Amp.)			Input Power (Watts)
STAR	415	2.4	2.4	2.4	2.6KVA

### HIGH VOLTAGE TEST :ok

	Voltage	Duration	Remarks
Stator	2000v	1min	ok

### INSULATION RESISTANCE TEST :100Mohm

Winding	Insulation Resistance
Stator	> 5GOHMS

**Remarks :** We hereby confirm that the machine has been manufactured in accordance with the standard listed above and that the specified tests and inspections have been carried out. the machine was found to be electrically and mechanically in order.

Description :

CHECKED BY :

TEST DATE :



# Routine Test Certificate 3ph Ind. Motor

Machine No

Customer Part Code : 0.5Hp 1440rpm FLP

S. O. No :236238

## NAME PLATE DATA :

Type : TENV	Frequency : 50	Duty : S1
kW/HP : 0.37/0.5	Efficiency :82.1%	CD S1 Output : .
Current :1.2	Power Factor : 0.85	Ins. Cl. : F
Voltage :415	Connection : STAR	Frame : SPL
Speed : 1440	Protection : IP55	Ref. Standard : IS12615:2011

## OTHER DATA :

Direction : BI DIRECTIONAL	T. Box Position : 45 deg	Rotor Class : NA
DE Bearing : NU2307	Rotor Voltage :NA	A. C. Heater :NA
NDE Bearing :22308	Rotor Current :NA	PTC :NA
Construction : CAST IRON		RTD :NA

## TEST RESULTS : RESISTANCE OF STATOR WINDING

Polarity & Connection	Avg Res (Ohms)	Amb Temp (C)
STAR	27.1	30

## NO LOAD TEST :

Polarity and Connection	Voltage (Volts)	Current (Amp.)	Input Power (watts)
STAR	415	0.55	188

## Reduced Voltage Run Up Test : ok @ 230v

## LOCKED ROTOR TEST : 460%

Polarity & Connection	Voltage (Volts)	Current (Amp.)			Input Power (Watts)
STAR	415	2.4	2.4	2.4	2.6KVA

## HIGH VOLTAGE TEST :ok

	Voltage	Duration	Remarks
Stator	2000v	1min	ok

## INSULATION RESISTANCE TEST :100Mohm

Winding	Insulation Resistance
Stator	> 5GOHMS


Remarks : We hereby confirm that the machine has been manufactured in accordance with the standard listed above and that the specified tests and inspections have been carried out. the machine was found to be electrically and mechanically in order.

## Description :

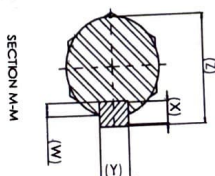
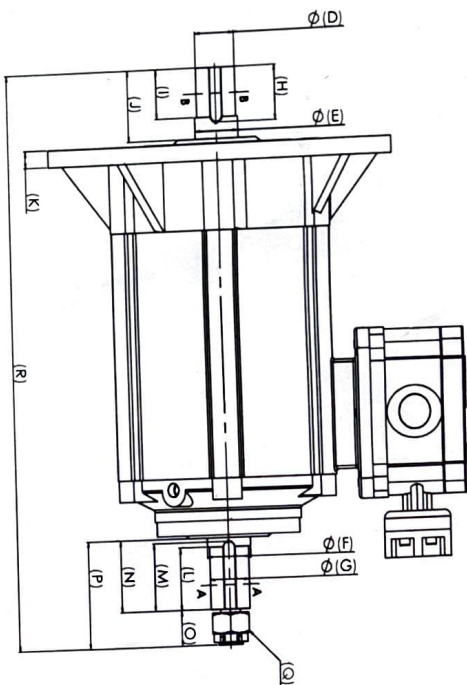
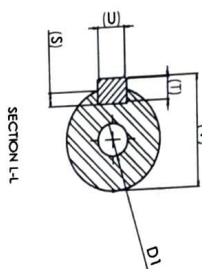
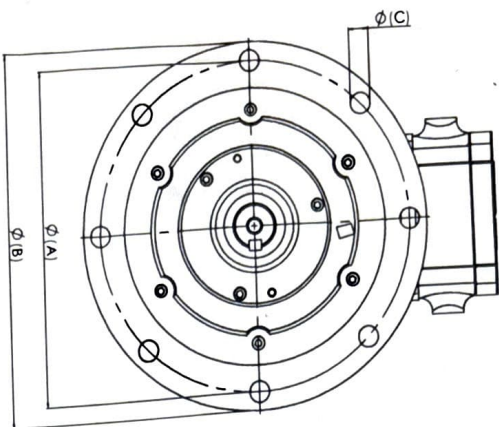
CHECKED BY :

TEST DATE :



 <b>STARK</b> <b>MOTORS</b>	<b>Routine Test Certificate</b> <b>3ph Ind. Motor</b>	<b>Machine No</b>	
Customer Part Code : 0.5Hp 1440rpm FLP			
S. O. No :236239			
<b>NAME PLATE DATA :</b>			
Type : TENV kW/HP : 0.37/0.5 Current : 1.2 Voltage : 415 Speed : 1440	Frequency : 50 Efficiency : 82.1% Power Factor : 0.85 Connection : STAR Protection : IP55	Duty : S1 CD S1 Output : . Ins. Cl. : F Frame : SPL Ref. Standard : IS12615:2011	
<b>OTHER DATA :</b>			
Direction : BI DIRECTIONAL DE Bearing : NU2307 NDE Bearing : 22308 Construction : CAST IRON	T. Box Position : 45 deg Rotor Voltage : NA Rotor Current : NA	Rotor Class : NA A. C. Heater : NA PTC : NA RTD : NA	
<b>TEST RESULTS : RESISTANCE OF STATOR WINDING</b>			
Polarity & Connection	Avg Res (Ohms)	Amb Temp (C)	
STAR	27.1	30	
<b>NO LOAD TEST :</b>			
Polarity and Connection	Voltage (Volts)	Current (Amp.)	Input Power (watts)
STAR	415	0.59	190
<b>Reduced Voltage Run Up Test : ok @ 230v</b>			
<b>LOCKED ROTOR TEST : 460%</b>			
Polarity & Connection	Voltage (Volts)	Current (Amp.)	Input Power (Watts)
STAR	415	2.4	2.6KVA
<b>HIGH VOLTAGE TEST :ok</b>			
	Voltage	Duration	Remarks
Stator	2000v	1min	ok
		<b>INSULATION RESISTANCE TEST :100Mohm</b>	
	Winding	Insulation Resistance	
	Stator	> 5GOHMS	
<b>Remarks :</b> We hereby confirm that the machine has been manufactured in accordance with the standard listed above and that the specified tests and inspections have been carried out. the machine was found to be electrically and mechanically in order.			
<b>Description :</b>			
		<b>CHECKED BY :</b>	<b>TEST DATE :</b>

## 0.5HP MOTOR DIMENSIONS CHART



MOTOR S.I.N.O	A	B	C	D	E	F	G	H	I	J	D1	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	KERNAL STRAIGHT LIE
	Ø254.00	Ø282.00	Ø16.00	Ø32.00	Ø35.00	Ø35.00	Ø32.00	42.00	38.00	54.50	M12x 25mm	12.70	47.00	52.00	54.00	27.00	81.00	M20 X 2.5F	437.100 436.500	5	8.00	10.00	35.00	5	8.00	10.00	35.00	
286235	Ø254.10	Ø282.12	16.08	32.005	35.005	35.008	32.005	42.03	38.10	54.53	ØK	12.75	47.12	52.12	54.08	27.10	81.08	ØK	437.05	4.975	7.975	9.970	35.01	5.001	7.977	10.005	35.001	✓
286236	254.05	282.06	16.05	32.078	35.008	35.072	32.002	42.10	38.08	54.58	ØK	12.73	47.15	52.10	54.06	27.15	81.05	ØK	437.08	4.978	8.00	9.978	35.032	5.002	7.977	10.001	35.000	✓
286237	254.06	282.08	16.03	32.073	35.083	35.076	32.006	42.08	38.03	54.60	ØK	12.77	47.10	52.08	54.12	27.08	81.10	ØK	437.10	4.976	8.005	9.978	34.975	5.005	7.975	9.978	35.003	✓
286238	254.08	282.10	16.16	32.076	35.008	35.072	32.005	42.15	38.05	54.55	ØK	12.73	47.08	52.10	54.10	27.12	81.08	ØK	437.06	4.975	7.976	9.975	34.978	5.002	8.00	9.975	35.000	✓
286239	254.05	282.05	16.07	32.085	35.005	35.006	32.008	42.10	38.08	54.51	ØK	12.75	47.12	52.10	54.07	27.10	81.04	ØK	437.08	5.012	8.002	9.977	34.975	5.001	7.976	9.978	35.005	✓