

ROUTINE TEST RECORD

Motor Type: MF11X-106N166P85006E-IP55
 Cust. order No: H0590069/2
 Work number: H0590069/2 / MQ44430

ID: 52292491
 Serial No: 1857732

RATED VALUES:

Duty: S3-60% / 6 min on 4 off
 Frequency (Hz): 50 , 60
 Shorttime duty: 30 min
 Ext. Cool (m/s2):

Ins. Class: F
 Jmot (kgm2):
 Jext (kgm2):
 Starts/h:

Frequency: 50 Hz

Power: 9 / 1.4 kW
 Cos (f): 0.90 / 0.61
 Speed: 2680 / 335 r/min
Voltages: 380 - 415 V
 Currents: 19 / 11 A
 Connection: Y / Y

60 Hz

11 / 1.6 kW
 0.91 / 0.57
 3250 / 440 r/min
 440 - 480 V
 20 / 10 A
 Y / Y

Voltage:

Currents:
 Connection:
 Slip ring rotor
 voltage
 Rotor conn.
 Rotor current

MEASURED VALUES:**High Voltage test:**

2400 V 1 sec

Single value/Lowest value**Highest value**

Resistance, high speed: 1.393 ohm
 Resistance, low speed: 10.943 ohm
 Rotor resistance:

No-load test

Voltage (50Hz): 400 V
 Current, high speed: 7.1 A
 Power, high speed: 808 W
 Current, low speed: 9.61 A
 Power, low speed: 1738 W

Locked rotor test**High speed:**

Voltage (50Hz): 89 V
 Current: 18.73 A
 Power: 1884 W
 Rotor current:

Low speed:

Voltage (50Hz): 258 V
 Current: 9.35 A
 Power: 2771 W

Open circuit values, slip-ring motor

Test voltage (50Hz): 400 V
 Secondary voltage, slip ring:
 Current:
 Power:

Additional info 1

Vibration (mm/s): spot 1:
 Noise measurement (dBA):
 Runouts (mm): 1:
 Insulation resistance (1000VDC):

Additional info 2

spot 2: spot 3:
 2: 3:

Visual inspection	(Y)	Brake ok	(Y)	Direction of rotation ok	(Y)
External fan	(Y)	Heat detectors ok	(Y)	Pulse sensor ok	(Y)
Lead markings ok	(Y)	Anticondenser heaters ok	(Y)		

Test run performed by: HSO

Date: 09.07.2014

SIGNATURE:

Resistance and currents are mean values of three phases
 IEC 60034-1