LEV	MOD.Nº	DATE	COORD.	MODIFICATION TYPE	NAME
					JC.LOPEZ

CONNECTOR FIAT 1/10985/97

TERMINAL (-) CAVITY PLUG B

TERMINAL (+) CAVITY PLUG A

Auxiliary view B

SUITABLE FOR BEHR NUT CODE 52484 WITH TIGHTENING TORQUE: 3.5±0.5 Nm

M8X0.8 6g R.H. LEFT-HAND THREAD

(R3.8 MIN.)

17.3 ±0.5

MEASURED ON Ø10.8. MEASURED INDIRECTLY CHECKED 100% ON ASSEMBLY LINE.

Detail E
Scale: 2:1

Auxiliary view S
Scale: 2:1

CRITICAL DIMENSION CONTROLLED 100% BY SUPPLIER

0.5×45°

R1

5.2MAX.

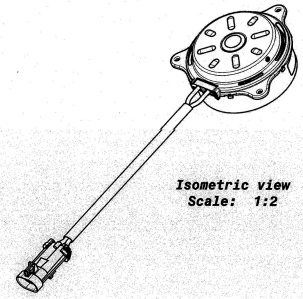
Detail H
Scale: 5:1

SUITABLE FOR BEHR SCREW CODE F9730 WITH TIGHTENING TORQUE = 2.6±0.4 Nm SCREW INSERTION IN J DIRECTION

(R1.2)

(R1.5)

Section view C-C
Scale: 3:1



Isometric view
Scale: 1:2

3X R10.4 ON Ø132

(R20)

120°

VEHICLE +Z AXIS

4x VENTILATION SLOT

RUBBER GASKET

58°

(60°±5°)

210 +10 0

250 +10 0

70.4 MAX

MOUNTING PLANE

Ø110.1 MAX

Ø22 MIN

F- DIRECTION

NOTE: MAXIMUM ADMITTED EFFORT ON SHAFT WITHOUT SHAFT DISPLACEMENT = 2kN IN F-DIRECTION OUT OF FAN ASSEMBLY PROCESS

CLOCK WISE ROTATION

LABEL AREA POSITION

(78 MAX.)

(45°)

(12 MIN.)

Ø138

Ø118.8 Max.

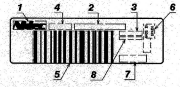
(8 VENT HOLES Ø9 ON Ø61)

YELLOW WIRE 6mm² (+)

BLACK WIRE 6mm² (-)

Auxiliary view L

LABEL ACCORDING PART Nº ET1101 REF.A09117232E



1- NIDEC LOGOTYPE
(According to Nidec specification)

2- NIDEC MODEL NAME

3- NUMBER OF PRODUCTION
Number of production will be composed by the next variables:
08-135-X
- 08 corresponds to the year
- 135 corresponds to the day
- X shift-dependent variable
It could be differentiated between 6 turns, remaining at beginning:
- M, morning shift
- N, night shift

4- ELECTRICAL MOTOR CODE

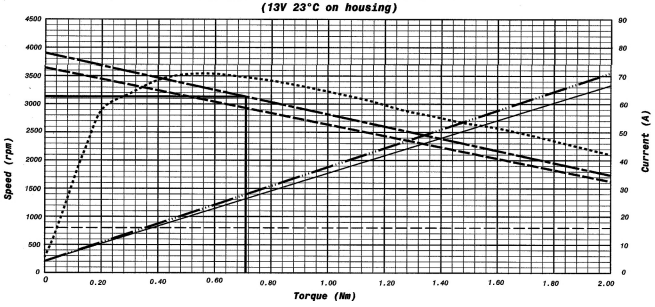
5- BAR CODE ACCORDING TO CODE 128-A
CONTENT OF BAR CODE MOTOR CODE

6- VOLTAGE 13V MADE IN SPAIN

7- NAHLE or BEHR LOGOTYPE

8- SERIALIZE PRODUCTION

Performance characteristics 11TA30 400W
(13V 23°C on housing)



GRAPHICS LEGEND

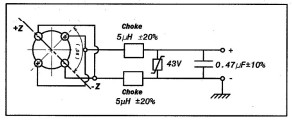
- CURVE EFFICIENCY
- CURVE NOMINAL SPEED
- CURVE SPEED MIN.
- CURVE I MAX.
- CURVE NOMINAL I

NOTES

1. MOTOR VALIDATED ACCORDING TO: BASED ON TECHNICAL SPECIFICATION:
2. OPERATING POINT MEASURED AFTER 10 MIN, OF NO LOAD WARM – UP
3. MINIMUM OPERATING SPEED: 1000 rpm
4. NOISE MEASUREMENTS CONDITIONS
   - NO MORE OF TWO CONSECUTIVE PEAKS ABOVE 60dB(A) MEASURED ON NOISE SPECTRUM
   - MEASUREMENT PERFORMED AT 2700 rpm NO LOAD CONDITIONS. MOTOR ALONE
   - MICROPHONE PLACED AT 1 METER FRONT COVER
5. MAXIMUM STATIC ROTOR UNBALANCE (8g x mm)
6. MAXIMUM DYNAMIC ROTOR UNBALANCE 50g x mm
7. SIGNIFICANT CHARACTERISTIC KN AR.00302 FROM APRIL 2011 ◇ (Cpk≥1.33)

100% FUNCTIONAL CONTROL IN PROCESS KN AR.00302 FROM APRIL 2011 ◯

ELECTRICAL CIRCUIT SEEN BY REAR COVER



MOTOR DETAILS					WORKING POINT										
PERFORMANCE		NIDEC REF.		FAN BLADES	TEMPERATURE	VOLTAGE(V)	TORQUE(Nm)	SPEED (RPM)	I (A) MAX.	MECHANICAL OPERANTING POWER OUTPUT	MAX. ELECTRICAL POWER INPUT	BREAKAWAY TORQUE	BREAKAWAY CURRENT DRAW	SOUND LEVEL (dBA)*	CALCULATED WEIGHT(g)
400W					23±5°C	13	0.71	2900 MIN.	28 MAX.	235W	365W	3.25 Nm MIN.	195 A MAX.	<60dBA	1400 Aproxx.

DESIGNED BY	VERIFIED BY	CREATED BY	SCALE	GENERAL TOLERANCES	DRAWN BY
PROJECT MANAGER	PRODUCT ENGINEER	Nidec Motors & Actuators	1/1	ISO 8015 - ISO 2768 -f14 Linear dimensions Nº Nº Angular values	JC.LOPEZ DATE 20/Abr/2016

MATERIAL-TREATMENT-FINISHING | ALTERNATIVE MATERIAL

DENOMINATION
MOTOR ASSEMBLY 11TA30
DOUBLE BALL BEARING

Nidec Motors & Actuators

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REFERENCE | IND.

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