ebm-papst Landshut GmbH — Quality Management

Test Certificate Dated 7-23-03 Batch No.: 38929

Item-Number : 55461 13165
Type : RLA97/3400A16-3025LH-439 aat
Customer : RIELLO S.P.A. / I
Test Frequency [Hz] : 50
Load :

	Average Value	Lower Limit	Upper Limit
Windg.Resist. [Ohms] :	60.38	57.92	62.84
Starting Voltage [V] :	61.67	46.58	76.76
Operating Voltage [V] :	230.03	226.13	233.93
Operating Current [mA] :	307.42	295.47	319.37
Operating Power [W] :	37.60	36.12	39.08
Operating Speed [Rpm] :	2255.36	2206.88	2303.84

Last Test Measurement Dated 11-13-02 Last Batch No.: 657103

Windg.Resist. [Ohms] :	59.17	58.26	60.08
Starting Voltage [V] :	69.49	51.04	87.94
Operating Voltage [V] :	230.31	227.82	232.80
Operating Current [mA] :	309.36	302.12	316.60
Operating Power [W] :	37.66	36.38	38.94
Operating Speed [Rpm] :	2259.06	2199.93	2318.19

Average Value of 6 Measurements

Winding Resistance [Ohms]	Starting Voltage [V]	Operating Voltage [V]	Current [mA]	Power [W]	Speed [Rpm]
59.98	64.07	230.11	309.68	37.86	2219.39

The above mentioned average values have been calculated per each test measurement by a amount of 10 pieces motors / blowers.
The upper and lower limit have been calculated purely mathematicaly: Average value plus/minus 3 Sigma (Variation).
We herewith certify that above mentionded motors / blowers have been tested according to the VDE - Standards.
High Voltage Test at 1375 V 1 - 5 sec (Acc. to VDE 0730 part 1).

Landshut, 4-06-04

Quality Management :