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|---|-------------|----------------------------|-----------------------|--------------------------|-----------|----------------|--------------|-----------------|-------|--|--|
| Test Report | | | | Cert. No. | | | | | | | |
| | | | | M-file ref.: | | | | | | | |
| Customer: | | | | Date of Issue 26/02/2010 | | | | | | | |
| Customer ref.: | | | | Type: M2AA 132 SMC 4 | | | | | | | |
| | | | | Serial no.: | | | | | | | |
| | | | | Order no.: | | | | | | | |
| Rating: | | Product Code 3GAA132006_DE | | | | | | | | | |
| 3-Motor IE1 | | | | | | | | | | | |
| | | V | Hz | kW | r/min | A | cos φ | IA/IN | TE[s] | | |
| Insul.cl.F | | 690 | Y 50 | 15,0 | 1455 | 17,90 | 0,78 | | | | |
| S1 | | 400 | D 50 | 15,0 | 1455 | 31,10 | 0,78 | | | | |
| IP55 | | 415 | D 50 | 15,0 | 1455 | 30,90 | 0,76 | | | | |
| 88 kg | | | | | | | | | | | |
| Resistance | | | Insulation resistance | | | Overload test | | | | | |
| Line | Pole | Ambient 20 °C | | R > 140 Mohm | | | | | | | |
| | 4 | 0,379 Ω | | | | | | | | | |
| | | | High-voltage test | | | | | | | | |
| | | | 2000 V 60 s | | | | | | | | |
| Test | Torque [Nm] | Line U[V] | f[Hz] | Input I[A] | P1 [kW] | Output P2 [kW] | n[r/min] | cos φ | η [%] | | |
| No Load | | 400 | D 50 | 15,40 | 0,66 | | 1500 | | | | |
| Rated load (cold) | 97,98 | 400 | D 50 | 30,80 | 16,90 | 15,00 | 1462 | | | | |
| Rated load (stab.) | 98,52 | 400 | D 50 | 31,10 | 16,80 | 15,00 | 1454 | 0,78 | 89,2 | | |
| 147% rated load | 147,44 | 400 | D 50 | 44,60 | 25,30 | 22,00 | 1425 | 0,82 | 86,7 | | |
| Shortcircuit | 76,40 | 400 | Y 50 | 75,50 | | | 0 | 0,46 | | | |
| Temperature rise at amb.temp. 23 °C | | Temperature | | Measurement method | | | | | | | |
| Stator winding | Pole | (K) | Method | Pole | °C | Method | 1 Resistance | | | | |
| | 4 | 77 | 1 | Ambient | 4 | 24 | 3 | 2 Thermometer | | | |
| | | | | Frame | 4 | 57 | 3 | 3 Thermocouples | | | |
| Manufactured and tested in accordance with rules of IEC 34-2-1. | | | | | | | | | | | |
| On behalf of customer | | | | | | | | | | | |
| On behalf of manufacturer | | | Date of test | | 14.1.2009 | | | | | | |
| Tested by Asea Brown Boveri, S.A. /Sabadell | | | | | | | | | | | |

Computer print-out valid without signature

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