



Test Report		Cert. No. ATEX Cert.No. LCIE 04 ATEX 6049																									
Customer:		Date of Issue																									
Customer ref.:		Type: M3HP 132SMC 6 Protection type: Ex e II T3 Serial no.: Tag no.: Order no.:																									
Rating: 3-Motor		Product Code 3GHP133230-_DG																									
Insul.cl. F S1 IP 55 95 kg		<table border="1"> <thead> <tr> <th>V</th> <th>Hz</th> <th>kW</th> <th>r/min</th> <th>A</th> <th>cos φ</th> <th>I_A/I_N</th> <th>t_E[s]</th> </tr> </thead> <tbody> <tr> <td>690 Y</td> <td>50</td> <td>4</td> <td>967</td> <td>5.4</td> <td>0.74</td> <td>6.6</td> <td>17</td> </tr> <tr> <td>400 D</td> <td>50</td> <td>4</td> <td>967</td> <td>9.3</td> <td>0.74</td> <td>6.6</td> <td>17</td> </tr> </tbody> </table>		V	Hz	kW	r/min	A	cos φ	I _A /I _N	t _E [s]	690 Y	50	4	967	5.4	0.74	6.6	17	400 D	50	4	967	9.3	0.74	6.6	17
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690 Y	50	4	967	5.4	0.74	6.6	17																				
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Resistance		Insulation resistance																									
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48,5 °C																											
		Overload test 1,6 x T _N 15 s																									
		High-voltage test 2900V 1 s																									
Test		Line																									
		U[V] f[Hz]																									
		Input																									
		I[A] P ₁ [kW]																									
		Output																									
		P ₂ [kW] n[r/min] cos φ η [%]																									
No-load test		400,3 D 50 5,86 0,367																									
Locked-rotor test		80,3 D 50 9,33 0,656																									
Temperature-rise test		400,3 D 50 9,30 4,79 4,00 964 0,74 83,4																									
Temperature rise at amb.temp. 25 °C		Temperature rise at amb. temp. 25 °C																									
[K] Method		[K] Method																									
Stator winding 44,5 1		Frame 33,1 3																									
		Bearing D-end 33,5 3																									
		Measurement method																									
		1 Resistance																									
		2 Embedded temp. detector																									
		3 Thermometer																									
<p>These tests have been carried out on motor no. 3GF10029236B, 2010-06-09 which is identical in design with the above.</p> <p>Manufactured and tested in accordance with rules of IEC 60034-1 and IEC 60034-2-1. PLL determined from residual loss.</p>																											
On behalf of customer																											
On behalf of manufacturer																											
Tested by ABB Oy Motors/Vaasa																											