



<b>Test Report</b>		Cert. No. LCIE 06 ATEX 6089																																																									
Customer:		Date of Issue																																																									
Customer ref.:		Type: M3GP 80MB 4 Protection Ex nA II T3 type: Serial no.: Tag no.: Order no.:																																																									
Rating: 3~Motor		Product Code 3GGP082320-_SG																																																									
Insul.cl. F S1 Amb. -20...+40 °C IP 55 29 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<sub>A</sub>/I<sub>N</sub></th> <th>T<sub>E</sub>[s]</th> </tr> </thead> <tbody> <tr> <td>400 Y</td> <td>50</td> <td>0.75</td> <td>1413</td> <td>1.8</td> <td>0.79</td> <td></td> <td></td> </tr> <tr> <td>230 D</td> <td>50</td> <td>0.75</td> <td>1413</td> <td>3.1</td> <td>0.79</td> <td></td> <td></td> </tr> <tr> <td>380 Y</td> <td>50</td> <td>0.75</td> <td>1396</td> <td>1.85</td> <td>0.81</td> <td></td> <td></td> </tr> <tr> <td>220 D</td> <td>50</td> <td>0.75</td> <td>1396</td> <td>3.2</td> <td>0.81</td> <td></td> <td></td> </tr> <tr> <td>415 Y</td> <td>50</td> <td>0.75</td> <td>1422</td> <td>1.78</td> <td>0.77</td> <td></td> <td></td> </tr> <tr> <td>440 Y</td> <td>60</td> <td>0.9</td> <td>1693</td> <td>1.85</td> <td>0.81</td> <td></td> <td></td> </tr> </tbody> </table>		V	Hz	kW	r/min	A	cos φ	I <sub>A</sub> /I <sub>N</sub>	T <sub>E</sub> [s]	400 Y	50	0.75	1413	1.8	0.79			230 D	50	0.75	1413	3.1	0.79			380 Y	50	0.75	1396	1.85	0.81			220 D	50	0.75	1396	3.2	0.81			415 Y	50	0.75	1422	1.78	0.77			440 Y	60	0.9	1693	1.85	0.81		
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Resistance  U <sub>1</sub> -V <sub>1</sub> 16,39 Ω U <sub>1</sub> -W <sub>1</sub> 16,34 " V <sub>1</sub> -W <sub>1</sub> 16,35 "		20 °C Insulation resistance 17600 MΩ 1000 V 36 °C High-voltage test 1900 V 60 s Overload test 1,6 x T <sub>N</sub> 15 s																																																									
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Stator winding 40,1 1		Frame 24,6 3 Bearing D-end 21,8 3 Measurement method 1 Resistance 2 Embedded temp. detector 3 Thermometer																																																									
<p>These tests have been carried out on motor no. 3GF10020333B, 2010-02-19 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>																																																											
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Tested by ABB Oy Motors/Vaasa																																																											