



<b>Test Report</b>		Cert. No. ATEX Cert. No. LCIE 09 ATEX 1010 IECEX Cert. No. IECEX LCI 09.0012																																											
Customer:		Date of Issue																																											
Customer ref.:		Type: M3GP 160MLC 2 Protection type: Ex nA II T3 Serial no.: Tag no.: Order no.:																																											
Rating: 3~Motor		Product Code 3GGP 161 430 – _DH																																											
Insul.cl. F S1 IP 55 227 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> </tr> </thead> <tbody> <tr> <td>690 Y</td> <td>50</td> <td>18,5</td> <td>2934</td> <td>18,7</td> <td>0,90</td> </tr> <tr> <td><b>400 D</b></td> <td><b>50</b></td> <td><b>18,5</b></td> <td><b>2934</b></td> <td><b>32.3</b></td> <td><b>0,90</b></td> </tr> <tr> <td>660 Y</td> <td>50</td> <td>18,5</td> <td>2924</td> <td>19,7</td> <td>0,90</td> </tr> <tr> <td>380 D</td> <td>50</td> <td>18,5</td> <td>2924</td> <td>34.2</td> <td>0,90</td> </tr> <tr> <td>415 D</td> <td>50</td> <td>18,5</td> <td>2940</td> <td>31.7</td> <td>0,88</td> </tr> <tr> <td>440 D</td> <td>60</td> <td>21</td> <td>3524</td> <td>33</td> <td>0,91</td> </tr> </tbody> </table>		V	Hz	kW	r/min	A	cos φ	690 Y	50	18,5	2934	18,7	0,90	<b>400 D</b>	<b>50</b>	<b>18,5</b>	<b>2934</b>	<b>32.3</b>	<b>0,90</b>	660 Y	50	18,5	2924	19,7	0,90	380 D	50	18,5	2924	34.2	0,90	415 D	50	18,5	2940	31.7	0,88	440 D	60	21	3524	33	0,91
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Resistance U <sub>1</sub> -V <sub>1</sub> 0,2634 Ω U <sub>1</sub> -W <sub>1</sub> 0,2634 " V <sub>1</sub> -W <sub>1</sub> 0,2639 "		23 °C Insulation resistance 15000 MΩ 1000 V 35 °C High-voltage test 2400 V 60 s Overload test 1,6 x T <sub>N</sub> 15 s																																											
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Stator winding 64,9 1		Frame 28,8 3 Bearing D-end 31,5 3 Rotor 103,7 3																																											
		Measurement method 1 Resistance 2 Embedded temp. detector 3 Thermometer																																											
<p>These tests have been carried out on motor no. 0751-010227550BB, 2008-06-06 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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