



Type Test Report				Date of issue: 2019/07/03																	
Customer:				Serial No.:																	
Customer ref.:				Type: M2BAX 132MA 4 IMB3/IM1001 Product Code: 3GBA132310-ADT Protection type: IP55 Cert. No.:																	
Rating:		<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>Duty</th> </tr> </thead> <tbody> <tr> <td>400</td> <td>D</td> <td>50</td> <td>7.5</td> <td>1457</td> <td>15.6</td> <td>0.78 S1</td> </tr> </tbody> </table>						V	Hz	kW	r/min	A	cos φ	Duty	400	D	50	7.5	1457	15.6	0.78 S1
V	Hz	kW	r/min	A	cos φ	Duty															
400	D	50	7.5	1457	15.6	0.78 S1															
3~Motor Insul.cl.F IP55 Eff class IE2		50Hz : IE2-88.7(100%)-88.6(75%)-87.5(50%)																			
Resistance Line		Ambient: 20.0 °C U ₁ - V ₁ 0.92008 Ω U ₁ - W ₁ 0.92008 Ω V ₁ - W ₁ 0.92047 Ω		Insulation resistance at 29.5 °C R > 2000 Mohm 1000 V		Overload Voltage 130% 180s Torque 160% 15s Speed 120% 120s															
		High-voltage test winding 2400 V 60 s																			
Test	Torque [Nm]	Line U[V]	f[Hz]	Input I[A]	P1 [kW]	Output P2 [kW]	η[r/min]	cos φ	η [%]												
No load test		402.3 D	50	8.8	0.39		1498	0.06													
Locked rotor test		86.5 D	50	15.3	0.91		0	0.40													
Thermal test (100% load)	49.1	399.3 D	50	16.0	8.50	7.50	1457	0.77	88.20												
Partial load points:																					
~75% load	37.0	398.9 D	50	13.2	6.39	5.62	1468	0.70	88.10												
~50% load	24.7	399.9 D	50	10.8	4.32	3.75	1479	0.57	86.90												
~25% load	12.3	399.9 D	50	9.2	2.33	1.87	1489	0.36	80.60												
Temperature rise at rated load.		[°C]		[K]	Method		Measurement method														
Stator winding :		67.3		1			1 Resistance														
Frame :		27.2		2			2 Thermometer														
Bearing D-end :		33.8		2			3 Thermocouples														
Rotor :				2																	
Ambient Temperature :		25		2																	
Manufactured and tested in accordance with rules of IEC 60034-1 and IEC 60034-2-1. PLL determined from residual loss.																					
On behalf of customer																					
On behalf of manufacturer		Date of test		5/14/2014																	
Tested by ABB Shanghai Motors , LV Motors, Shanghai,P.R.China						Telephone +86 21 54723133 Telefax +86 21 54725009															

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