



Test Report				Date of issue: 4.6.2014					
				Serial No.: 3GF11094437					
				Type: M3JP 160MLA 8 IMB3/IM1001					
				Product Code: 3GJP164410-ADH					
				Protection type: Ex d IIB T4 Gb					
				Cert. No.: LCIE 11 ATEX 3087X / IECEX LCI 09.0008X					
Rating:									
	V	Hz		kW	r/min	A	cos φ	Duty	
3~Motor	690	Y 50		3	729	4,4	0,65	S1	
Insul.cl.F	400	D 50		3	729	7,6	0,65	S1	
IP55	415	D 50		3	731	7,4	0,64	S1	
Resistance				Insulation resistance at 41,0 °C			Overload		
Line	Ambient: 22,0 °C			15000 MΩ 1000 V		Torque 160% 15s			
U <sub>1</sub> - V <sub>1</sub>	1,94900 Ω								
U <sub>1</sub> - W <sub>1</sub>	1,94900 Ω								
V <sub>1</sub> - W <sub>1</sub>	1,94800 Ω								
				High-voltage test winding 2900 V		1 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 test		400,4 D	50	5,54	0,28		750	0,07	
Locked rotor test		124,6 D	50	8,76	0,70		0	0,37	
Thermal test (100% load)	39,9	400,2 D	50	8,48	3,60	3,00	720	0,61	83,3
Partial load points:									
~75% load	29,1	400,4 D	50	7,35	2,70	2,25	730	0,53	83,3
~50% load	20,1	400,4 D	50	6,46	1,86	1,50	737	0,42	80,7
~25% load	9,6	400,5 D	50	5,82	1,05	0,75	744	0,26	71,3
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method	
Stator winding :				26,4	1	1 Resistance			
Frame :				15,9	2	2 Thermometer			
Bearing D-end :				15,2	2	3 Thermocouples			
Ambient Temperature :				25,0	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		18.6.2012					
Tested by ABB Oy, Motors and Generators, Vaasa, Finland						Telephone +358 10 2211		Telefax +358 10 22 47372	

Computer print-out valid without signature.