



Test Report				Date of issue: 4.6.2014							
				Serial No.: 0908-010290845A							
				Type: M3JP 200MLC 2 B3							
				Product Code: 3GJP201430-G							
				Protection type: Ex d IIB T4 Gb							
				Cert. No.: LCIE 10 ATEX 3061X / IECEX LCI 04.0011X							
Rating:				V	Hz	kW	r/min	A	cos φ	Duty	
3~Motor				400	D	50	2954	64,1	0,89	S1	
Insul.cl.F				415	D	50	2958	62,4	0,88	S1	
IP55				690	Y	50	2954	37,2	0,89	S1	
Eff class IE2				400 V 50Hz : IE2 - 93.6(100%) - 94.0(75%) - 93.4(50%)							
Resistance Line				Ambient: 21,5 °C				Insulation resistance at 56,0 °C		Overload	
U ₁ - V ₁				0,09192 Ω				3500 MΩ		1000 V	
U ₁ - W ₁				0,09179 Ω						Torque 160 % 15s	
V ₁ - W ₁				0,09189 Ω							
								High-voltage test winding		1900 V 60 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		400,1 D	50	15,9	0,93		3000	0,08			
Locked rotor test		73,4 D	50	65,1	2,90		0	0,35			
Thermal test (100% load)	119,9	400,1 D	50	64,7	39,6	37,0	2954	0,88	93,5		
Partial load points:											
~75% load	89,2	400,0 D	50	49,3	29,6	27,8	2968	0,87	93,9		
~50% load	59,4	400,0 D	50	35,2	19,8	18,5	2979	0,81	93,3		
~25% load	30,1	400,1 D	50	22,9	10,28	9,25	2989	0,65	89,9		
Temperature rise at rated load.				[°C]	[K]	Method		Measurement method			
Stator winding :					70,9	1		1 Resistance			
Frame :					27,7	2		2 Thermometer			
Bearing D-end :					44,1	2		3 Thermocouples			
Rotor:					82,9	3					
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				26.3.2009			
Tested by ABB Oy, Motors and Generators, Vaasa, Finland								Telephone		+358 10 2211	
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