



Test Report				Date of issue: 19.11.2015								
				Type: M3JM 200MLB 2 Product Code: 3GJM201420-_DK Protection type: Ex d I Mb Cert. No.: LCIE 10 ATEX 3061X/ IECEx LCI 04.0011X								
Rating:												
		V		Hz	kW		r/min	A	cos φ	Duty		
3-Motor		690		Y	50	37,0		2960	35,9	0,91	S1	
Insul.cl.F		400		D	50	37,0		2960	61,9	0,91	S1	
IP66		660		Y	50	37,0		2955	37,3	0,92	S1	
		380		D	50	37,0		2955	64,8	0,92	S1	
		415		D	50	37,0		2964	60,3	0,90	S1	
		460		D	60	37,0		3566	54,0	0,10	S1	
Eff class IE3		50Hz : IE3-94,7(100%)-95,2(75%)-95,0(50%) 60Hz : IE3-94,0(100%)										
Resistance				Insulation resistance at 24 °C				Overload				
Line		Ambient: 23 °C		R > 2000 Mohm 1000 V				Torque 160 % 15s				
U ₁ - V ₁		0,08421 Ω										
U ₁ - W ₁		0,08247 Ω										
V ₁ - W ₁		0,08494 Ω										
				High-voltage test winding 2400 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		400,3 D	50	16,4	0,63		3000	0,06				
Locked rotor test		71,3 D	50	68,1	2,93		0	0,35				
Thermal test (100% load)	119,2	400,0 D	50	63,5	39,0	37,0	2964	0,89	94,8			
Partial load points:												
~75% load	91,3	400,0 D	50	49,9	29,9	28,4	2973	0,86	95,2			
~50% load	61,8	400,0 D	50	36,3	20,3	19,3	2983	0,81	95,1			
~25% load	31,9	400,0 D	50	24,3	10,7	9,99	2993	0,64	93,2			
Temperature rise at rated load.				°C	[K]	Method		Measurement method				
Stator winding :					58	1		1 Resistance				
Frame :					36	2		2 Thermocouples				
Bearing D-end :					29	2		3 Thermometer				
Ambient Temperature :				24		2						
These tests have been carried out on motor no. 3GV1110796872001, on date 2011-09-26 which is identical in electrical design with the above.												
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												
Tested by ABB AB, LV Motors, 721 70 Västerås, Sweden												
						Telephone	+46 (0)21 32 90 00					
						Telefax	+46 (0)21 32 90 22					

Computer print-out valid without signature.