



<b>Test Report</b>		Date of issue: 19.11.2015							
		Type: M3JM 160MLA 6 Product Code: 3GJM163410-_DK Protection type: Ex d I Mb 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	7,5	980	8,8	0,78	S1	
Insul.cl.F		400	D 50	7,5	980	15,2	0,78	S1	
IP66		660	Y 50	7,5	977	9,1	0,80	S1	
		380	D 50	7,5	977	15,7	0,80	S1	
		415	D 50	7,5	981	14,8	0,77	S1	
Eff class IE3		460	D 60	7,5	1182	13,5	0,76	S1	
		50Hz : IE3-90,8(100%)-91,5(75%)-91,0(50%) 60Hz : IE3-91,4(100%)							
Resistance		Ambient: 22 °C				Insulation resistance at 23 °C		Overload	
Line		U1 - V1		0,70400 Ω	R > 2000 Mohm 1000 V		Torque 160 % 15s		
		U1 - W1		0,70120 Ω					
		V1 - W1		0,70200 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 j	η [%]
No load test		400,0 D	50	7,30	0,26		1000	0,05	
Locked rotor test		89,0 D	50	14,9	0,59		0	0,26	
Thermal test ( 100% load	73,1	400,0 D	50	15,5	8,25	7,50	980	0,77	90,9
Partial load points:									
~75% load	55,1	400,0 D	50	12,6	6,23	5,69	986	0,71	91,3
~50% load	37,9	400,0 D	50	10,3	4,33	3,94	990	0,61	90,8
~25% load	19,0	400,0 D	50	8,3	2,28	1,98	995	0,40	86,8
Temperature rise at rated load.		[°C]		[K]		Method		Measurement method	
Stator winding :				31		1		1 Resistance	
Frame :				19		2		2 Thermocouples	
Bearing D-end :				18		2		3 Thermometer	
Ambient Temperature :		23				2			
<p>These tests have been carried out on motor no. 3GV1110782960001, on date 2011-10-07 which is identical in electrical 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> <p>On behalf of customer</p> <p>On behalf of manufacturer</p> <p>Tested by ABB AB, LV Motors, 721 70 Västerås, Sweden</p> <p>Telephone +46 (0)21 32 90 00 Telefax +46 (0)21 32 90 22</p>									

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