



Test Report		Cert. No. LCIE 10 ATEX 3004 X / IECEx LCI 04.0032X							
		Date of Issue 20.11.2015							
		Type: M3JM 400LKD 6 Protection type: Ex d I Mb							
Rating: 3-Motor		Product Code 3GJM 403 840 - _DG							
Insul.cl. F S1 IP 66		V	Hz	kW	r/min	A	cos φ		
		690 Y	50	560	993	569	0,85		
		400 D	50	560	993	984	0,85		
		415 D	50	560	994	960	0,84		
Resistance		Insulation resistance		5000 MΩ 1000 V					
U ₁ -V ₁ 0,00254Ω 23 °C		68 °C							
U ₁ -W ₁ 0,00255"									
V ₁ -W ₁ 0,00255"									
		High-voltage test		2400 V 60 s					
Test		Line U[V]	f[Hz]	Input I[A]	P ₁ [kW]	Output P ₂ [kW]	n[r/min]	cos φ	η [%]
No-load test		400,0 D	50	318,1	6,94			0,03	
Locked-rotor test		70,6 D	50	984,4	32,7			0,27	
Temperature-rise test		400,1 D	50	989,1	577,9	560,0	993	0,84	96,9
Temperature rise at amb.temp. 22 °C		Temperature rise at amb. temp. 22 °C		Measurement method					
[K] Method		[K] Method		1 Resistance					
Stator winding 75 1		Frame 46 3		2 Thermocouples					
		Bearing D-end 55 3		3 Thermometer					
		Rotor 130 2							
<p>These tests have been carried out on motor no. 0329-010625460A, on date 2003-09-11 which is identical in design with the above.</p>									
Manufactured and tested in accordance with rules of IEC 60034-1.									
On behalf of customer									
On behalf of manufacturer									
Tested by ABB Oy Motors/Vaasa									