



Test Report				Cert. No. A3.2837						
				Date of Issue:						
Customer:				Type: M3BP 160MA -2						
Customer ref.:				Serial no.:						
Order no.:										
Rating data:										
				V	Hz	R/min	kW	Hp	A	cos φ
Prod.code 3GBP 161101-ADA				690	Y	50	2930	11,00	11,5	0,88
class F IP 55				400	D	50	2930	11,00	20,0	0,88
S1				660	Y	50	2915	11,00	11,8	0,89
				380	D	50	2915	11,00	20,5	0,89
				415	D	50	2935	11,00	19,4	0,86
				440	D	60	3485	14,50	24,0	0,90
Test		Pole	U (V)	f (Hz)	I (A)	P1 (kW)	P2 (kW)	n (r/min)	cos φ	η (%)
Temp.-rise test 4		2	400	50	20,46	12,65	11,21	2913	0,89	88,80%
No-Load test		2	401	50	5,68	0,6	-	3000	0,15	-
Locked-Rotor test		2	80	50	20,75	1,15	-	0	0,40	-
Temp.-rise test h										
No-Load test							-			-
Locked-Rotor test							-	0		-
Resistance		Pole	Ambient 23,2 °C	Insulation resistance		High Voltage test		Overload test		
Line 2		0,5950	Ω/TE	R> 2000 M.ohm		2400 V 60 s		Volts	130 %	60 s
Line			Ω/TE					Amp	120 %	120 s
								r/min	120 %	120 s
Temperature rise		Pole	K	Method	Temperature		Pole	°C	Method	Measurement method
Winding 2		78,06	1	Ambient	2		22,2	2	1 Resistance	
Winding				Frame	2		58,4	2	2 Thermometer	
				Bearing D-end	2		78,4	2	3 Thermocouples	
				Ambient						
				Frame						
				Bearing D-end						
Type test on motor No. 3GBP 161101 which is identical in all respects with the above.										
Manufactured and tested in accordance with the rules of IEC 34-1										
On behalf of customer										
On behalf of manufacturer										
Tested by ATQ										
Date of test 2002-03-13										

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