

SEIPEE spa			Technical Data Sheet					
Item name:			Project Location		IT		PO.No :N/M	
Author: .			Customer name		R.E.M		Pages:1/1	
Project contacts:			Reference No.					
			Date of issue					
	Definition		Date	Unit	Remarks			
1	Product		3-phase Squirrel cage LV AC Motor(IE3)					
2	Product code		IEC60034-1					
3	Type/Frame		YE3-315-2					
4	Mounting		IMB3 IEC60034-7					
5	Rated output P _N		315 kW					
6	Service factor		1.0					
7	Type of duty		S1(IEC)100%					
8	Rated voltage U _N		400 /690 V ±5%(IEC 60034-1)					
9	Rated frequency f _N		50 Hz					
10	Rated speed n _N		2980 r/min					
11	Rated current I _N		515.9 /299.1 A(ampere)					
12	No-load current		129 /75 A(ampere)					
13	Starting current I _s /I _N		7.0 IEC60034-12 design N,H					
14	Nominal torque T _N		1009.5 Nm					
15	Locked rotor torque T _s /T _N		1.6					
16	Maximum torque T _{max} /T _N		2.4					
19			Load %	Current A	Efficiency %	Power factor		
20	Load characterustics(IEC 60034-2-1:2007)PLL		100%	515.9 /299.1	95.8%	0.92		
21	determined from residual loss		75%	402.4 /233.3	95.6%	0.90		
22			50%	299.2 /173.5	95.1%	0.84		
23	Maximum starting time from hot		20	s				
24	Maximum starting time from cold		40	s				
25	Starting times Cold/Hot		3/2					
26	Insulation class/ Temperature		F/B					
27	Ambient temperature		40 °C					
28	Altitude		Less than 1000 m.a.s.l.					
29	Enclosure		IP55 IEC60034-5					
30	Cooling system(Method)		IC411 IEC60034-6					
31	Bearing DE/NDE		/					
32	Type of Grease		No. 3 lithium base grease					
33	Sound pressure level(LP Db(A) 1m)		Less Than 100dB(A) at load(IEC60034-9)					
35	Balancing		Rotor dynamic balance					
36	Vibration class		less than 2.3mm/s IEC60034-14					
37	Position of terminal box		on the right side motor					
39	Number of power terminals		2					
40	Direction of rotation		CW + CCW IEC60034-8					
41	Total weight of motor		1700kg					
42	Dimension drawing no.		20-10-29001G2					
43	Bearing Temperature sensors		/ IEC60034-11					
44	Stator Temperature sensors		/					
45	Space heater spe.		/					
46								
Ex-motors								
46	Ex-Mark	No						
47								
48								
Option Variant Codes/Definition								
49								
50								
51								
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55								
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Remarks:								
All data subject to tolerances in accordance with IEC60034-1 Guranteed values on request								