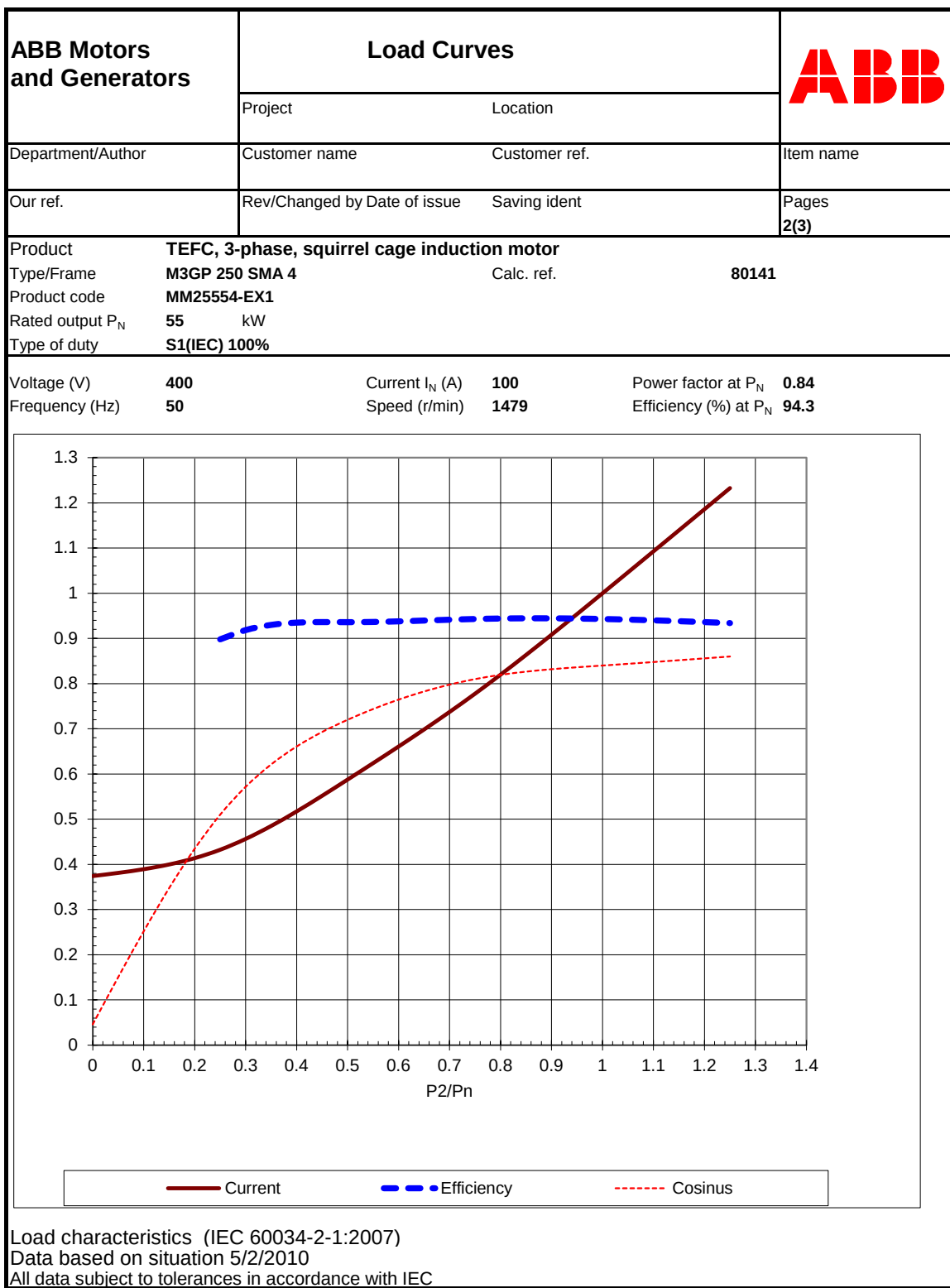


ABB Motors and Generators		Technical Data Sheet - DOL				
		Project		Location		
Department/Author		Customer name		Customer ref.		Item name
Our ref.		Rev/Changed by	Date of issue	Saving ident		Pages 1(3)

No.	Definition	Data	Unit	Remarks	
1	Product	TEFC, 3-phase, squirrel cage induction motor			
2	Product code	MM25554-EX1 (3GGP252210-ADG+332)			
3	Type/Frame	M3GP 250 SMA 4			
4	Mounting	IM1001, B3(foot)			
5	Rated output P _N	55	kW		
6	Service factor	1			
7	Type of duty	S1(IEC) 100%			
8	Rated voltage U _N	400	VD	± 5 % (IEC 60034-1)	
9	Rated frequency f _N	50	Hz	± 2 % (IEC 60034-1)	
10	Rated speed n _N	1479	r/min		
11	Rated current I _N	100	A		
12	No-load current	38	A		
13	Starting current I _s /I _N	7.2		Fullfilled IEC 60034-12 design N,H	
14	Nominal torque T _N	355	Nm		
15	Locked rotor torque T _S /T _N	2.5			
16	Maximum torque T _{max} /T _N	3.1			
17	Minimum torque T _{min} /T _N	2.2			
18	Speed at minimum torque	900	r/min		
19	Load characteristics (IEC 60034-2-1:2007)	Load %	Current A	Efficiency %	Power factor
20	PLL determined from residual loss	100	100	94.3 / IE2	0.84
21		75	77.9	94.3	0.81
22		50	58.9	93.6	0.72
23		Start	721		0.42
24	Maximum starting time from hot	15	s		
25	Maximum starting time from cold	27	s		
26	Insulation class / Temperature class	F / B			
27	Ambient temperature	40	°C		
28	Altitude	1000	m.a.s.l.		
29	Enclosure	IP55			
30	Cooling system	IC411 self ventilated			
31	Bearing DE/NDE	6315/C3 - 6313/C3			
32	Type of Grease	Lithium based			
33	Sound pressure level (LP dB(A) 1m)	66	dB(A)	at load	
34	Moment of inertia J = ¼ GD2	0.72	kg-m2		
35	Balancing	Half Key			
36	Vibration class	Grade A			
37	Position of terminal box	Top			
38	Terminal box entries; no, dims.	2xM50x1.5 + 2xM20x1.5			
39	Number of power terminals	6			
40	Direction of rotation	CW or CCW			
41	Weight of rotor	93	kg		
42	Total weight of motor	415	kg		
43					
Ex-motors					
44	Type of protection	* Ex nA II T3			
45					
Variant Codes / Definition					
	332 = Baldor catalog number				
Remarks:					
Data based on situation 5/2/2010					
All data subject to tolerances in accordance with IEC					
Guaranteed values on request					
* For more information on the Atex/IECEx rating, please contact your local Baldor representative.					



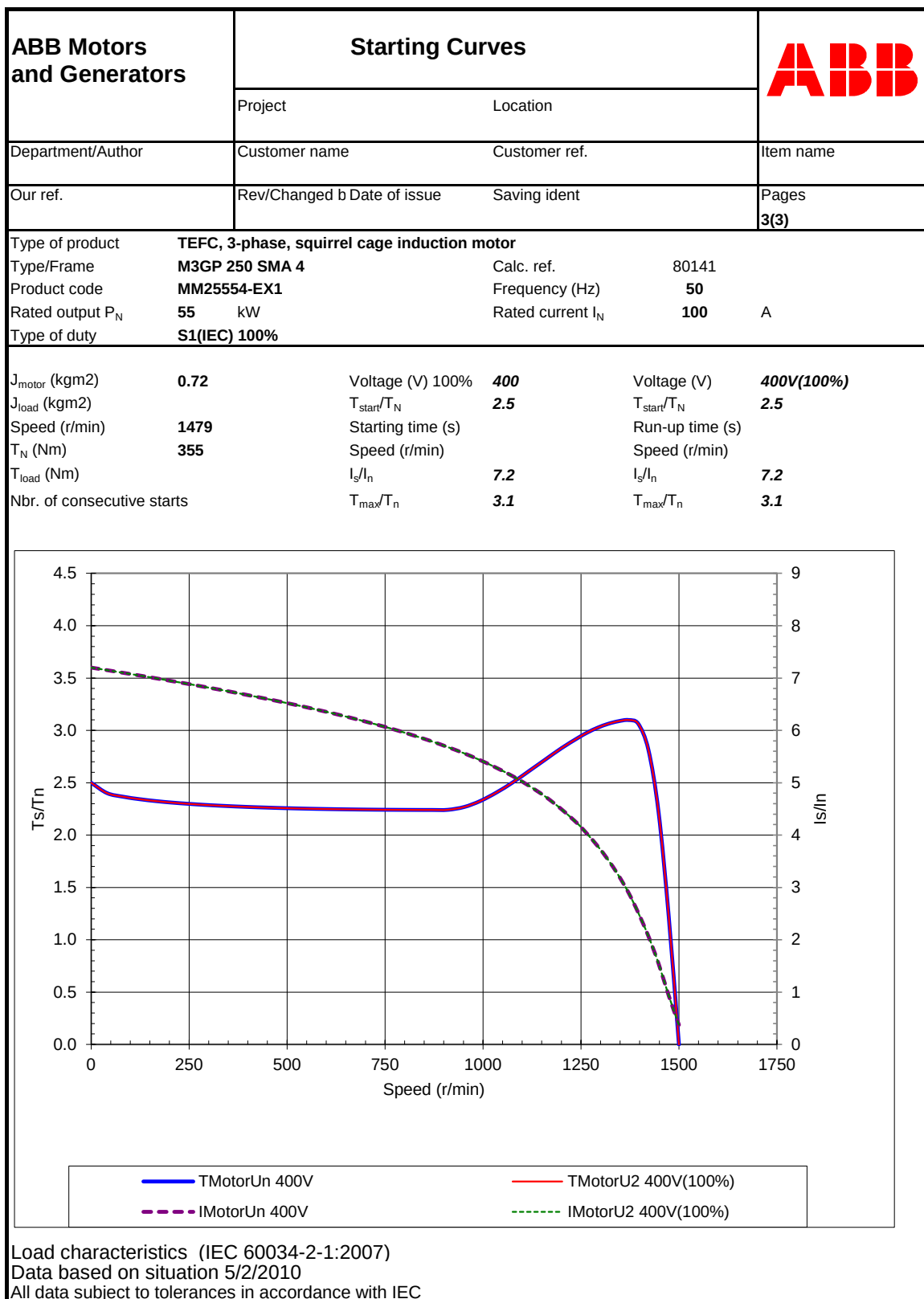


ABB Motors and Generators		Technical Data Sheet - DOL				
		Project		Location		
Department/Author		Customer name		Customer ref.		Item name
Our ref.		Rev/Changed by	Date of issue	Saving ident		Pages 1(3)

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2	Product code	MM25554-EX1 (3GGP252210-ADG+332)			
3	Type/Frame	M3GP 250 SMA 4			
4	Mounting	IM1001, B3(foot)			
5	Rated output P _N	55	kW		
6	Service factor	1			
7	Type of duty	S1(IEC) 100%			
8	Rated voltage U _N	415	VD	± 5 % (IEC 60034-1)	
9	Rated frequency f _N	50	Hz	± 2 % (IEC 60034-1)	
10	Rated speed n _N	1480	r/min		
11	Rated current I _N	97.6	A		
12	No-load current	40	A		
13	Starting current I _s /I _N	7.7		Fullfilled IEC 60034-12 design N,H	
14	Nominal torque T _N	355	Nm		
15	Locked rotor torque T _S /T _N	2.7			
16	Maximum torque T _{max} /T _N	3.4			
17	Minimum torque T _{min} /T _N	2.4			
18	Speed at minimum torque	900	r/min		
19	Load characteristics (IEC 60034-2-1:2007)	Load %	Current A	Efficiency %	Power factor
20	PLL determined from residual loss	100	97.6	94.4 / IE2	0.83
21		75	78.9	94.4	0.77
22		50	60.8	93.8	0.67
23		Start	751		0.43
24	Maximum starting time from hot	15	s		
25	Maximum starting time from cold	30	s		
26	Insulation class / Temperature class	F / B			
27	Ambient temperature	40	°C		
28	Altitude	1000	m.a.s.l.		
29	Enclosure	IP55			
30	Cooling system	IC411 self ventilated			
31	Bearing DE/NDE	6315/C3 - 6313/C3			
32	Type of Grease	Lithium based			
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Remarks:					
Data based on situation 5/2/2010					
All data subject to tolerances in accordance with IEC					
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