

ABB Motors and Generators		Technical Data Sheet - DOL			
		Project _____		Location _____	
Department/Author _____		Customer name _____		Customer ref. _____	
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	EMVM13552C-PP (3GBP131260-BPK+047+332+509)		
3	Type/Frame	M3BP 132 SMF 2		
4	Mounting	IM3601, B14(flange)		
5	Rated output P _N	5.5	kW	
6	Service factor	1		
7	Type of duty	S1(IEC) 100%		
8	Rated voltage U _N	460	VD	± 5 % (IEC 60034-1)
9	Rated frequency f _N	60	Hz	± 2 % (IEC 60034-1)
10	Rated speed n _N	3512	r/min	
11	Rated current I _N	8.5	A	
12	No-load current	2	A	
13	Starting current I _s /I _N	8.3		Fullfilled IEC 60034-12 design N,H
14	Nominal torque T _N	15	Nm	
15	Locked rotor torque T _S /T _N	2.8		
16	Maximum torque T _{max} /T _N	4.8		
17	Minimum torque T _{min} /T _N	2.6		
18	Speed at minimum torque	612	r/min	
19	Load characteristics (CSA 390-10)	Load %	Current A	Efficiency %
20		100	8.5	89.5 / IE3
21		75	6.5	89.4
22		50	4.7	88
23		Start	71	0.7
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	6208-2Z/C3 - 6208-2Z/C3		
32	Type of Grease	Greased for life		
33	Sound pressure level (LP dB(A) 1m)	74	dB(A)	at load
34	Moment of inertia J = ¼ GD2	0.0218	kg-m2	
35	Balancing	Half Key		
36	Vibration class	Grade A		
37	Position of terminal box	Top		
38	Terminal box entries; no, dimens.	2xM32x1.5		
39	Number of power terminals	6		
40	Direction of rotation	CW or CCW		
41	Total weight of motor	77	kg	
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Variant Codes / Definition

047 = IM 3601 flange mounted, IEC flange, from IM 3001 (B14 from B5)
332 = Baldor catalog number
509 = Fulfilling EISA Subtype I efficiency requirements, CC031A

Remarks:

Data based on situation
 All data subject to tolerances in accordance with IEC
 Guaranteed values on request



