

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	EMVM13554D-PP (3GBP132260-BPK+332+509)		
3	Type/Frame	M3BP 132 SMF 4		
4	Mounting	IM3001, B5(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	1767	r/min	
11	Rated current I _N	9.5	A	
12	No-load current	3.7	A	
13	Starting current I _s /I _N	8.3		Fullfilled IEC 60034-12 design N,H
14	Nominal torque T _N	29.7	Nm	
15	Locked rotor torque T _S /T _N	2.6		
16	Maximum torque T _{max} /T _N	3.9		
17	Minimum torque T _{min} /T _N	2		
18	Speed at minimum torque	306	r/min	
19	Load characteristics (CSA 390-10)	Load %	Current A	Efficiency %
20		100	9.5	91.7 / IE3
21		75	7.7	92.2
22		50	6.2	91.5
23		Start	79	0.6
24	Maximum starting time from hot	10	s	
25	Maximum starting time from cold	20	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	0.0401	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	81	kg	
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Variant Codes / Definition
 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



