Dani-tech

Data Sheet
100LB-3-4P-B14A-R

Project:		Doc. No.:	
Electrical Motor			
Package no.:	Date of issue:	Rev.:	Page:
	01-07-2015	**0**	**1**

No.	Definition	Data	Unit	Remarks
1	Manufacturer	***Dani-tech A/S***		
2	Product	***electric motor***		
3	Product code	***2802***		
4	Type/Frame	***IEC 100***		
5	Serial no.			
6	Mounting	***B14A***		
7	Degree of Protection	***55***	IP	
8	Winding temp. sensors	***160°C***		
9	Winding Connection		Star/Delta	
10	Rated output P_N	***3***	kW	
11	Rated voltage U_N	***3 x 230/400***	V	Plus/Minus 5% acc to IEC60034
12	Allowable starting voltage		%Un	
13	Rated frequency f_N	***50***	Hz	
14	Rated current I_N	***230V 13,4 400V 7,9***	A	
15	No-load current		A	
16	Service factor			
17	Type of duty	***S2***		
18	Rated speed n_N	**1400**	rpm	
19	Nominal torque T_N		Nm	
20	Locked rotor torque T_S/T_N		Nm	
21	Maximum torque T_{max}/T_N		Nm	
22	Minimum torque T_{min}/T_N		Nm	
23	Speed at minimum torque		rpm	

	Load characteristics (IEC 60034-2-1:2007)	Load %	Current A	Efficiency %	Power factor
24	PLL determined from residual loss	*100*			
25		*75*			
26		*50*			
27		*Start*			

28	Maximum starting time from hot & cold		s / s	
29	Insulation class / Temperature class	***F***		
30	Ambient temperature	***40***	°C	
31	Altitude	***1000***	m.a.s.l.	
32	Cooling Method	***411***	IC	Fan
33	Cooling Water Flow Rate		m³/hr	
34	Bearing DE/NDE	***6206 ZZ***		
35	Oil Quantity for bearings		l/min	
36	Type of Grease			
37	Sound pressure level at 1 meter LP dB(A)		dB(A)	at load
38	Moment of inertia J = ¼ GD2		kgm²	
39	Balancing			
40	Make/Type of vibration detectors			
41	Position of terminal box	***TOP***		
42	Terminal box material	***PLASTIC***		
43	Terminal box entries; no, dimens.	***No.1 M20***		
44	Number of power terminals	***6***		
45	Direction of rotation			
46	Weight of rotor		kg	
47	Total weight of motor	***21***	kg	
48	Dimension drawing no.			
49	Painting specification		Norsok/Other	
50				
51				
Ex-motors				
52	Ex Certificat issued by			
53	Ex Certificat number			
54	Ex Classification			

Option	Variant Codes / Definition
55	

Remarks:

Declaration of conformity

The Company Dani-tech A/S with headquarters Bredholm 4, DK6100 Haderslev, Denmark.

Declares

under its own responsibility that the asinchronous electricmotors, threephase and singlephase with **Dani-tech Name label**, conform to safety requirements prescribed by Directive 2006/95/CE (low tension) relative to electrical material destined to be used in tension from 50 volt to 1000 volt in alternating current.

2004-108-CE (electromagnetic compability)
Motors are manufacured in observance of the norms CEI2-3 file 1110(rotating electric machined), conforming to document of harmonization CENELEC HD 53.1.S2 Corresponding to the norm IEC34-1, and the norm CEI 2 16 (classification ofgrade of covering protections) which confirms to the document of Harmonization CENELEC HD60034.5, corresponding to the norm IEC34-5.