

Technical Data Sheet



Project Location

IT

Item name:

Customer name

PO.No :N/M

Author:

Reference No.

Pages:1/1

Project contacts:

Date of issue

	Definition	Date	Unit	Remarks
1	Product	3-phase Slip ring (Wound rotor) LV Motor		
2	Product code	IEC60034-1		
3	Type/Frame	YR-450-6		
4	Mounting	IMB3		
5	Rated output P _N	660		
6	Service factor	1.0		
7	Type of duty	S1(IEC)100%		
8	Rated voltage U _N	380 V		
9	Rated frequency f _N	50 Hz		
10	Rated speed n _N	986		
11	Rated current I _N	1251.0		
12	No-load current	312.8		
13	Rotor voltage	835±5%		
14	Rotor current	492±5%		
15	Nominal torque T _N	6392.5		
16	Maximum torque Tmax/T _N	1.8		
19		Load %	Current A	Efficiency %
20	Load characteristics(IEC 60034-2-1:2007)PLL determined from residual loss	100%	1251.0	94.3%
21		75%	975.8	94.1%
22		50%	725.6	93.6%
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	-15 ~ +40 °C		
28	Altitude	Less than 1000 m.a.s.l.		
29	Enclosure	IP21		
30	Cooling system(Method)	IC01		
31	Bearing DE/NDE	NU		
32	Type of Grease	No. 3 lithium base grease		
33	Sound pressure level(LP Db(A) 1m)	Less Than 98dB(A)		
35	Balancing	Rotor dynamic balance		
36	Vibration class	less than 2.3mm/s		
37	Position of terminal box	on the right side of motor		
39	Number of power terminals	3		
40	Direction of rotation	CW + CCW		
41	Total weight of motor	4200kg		
42	Dimension drawing no.	23-08-14013		
43	Bearing Temperature sensors	2*PT100		
44	Stator Temperature sensors	6*PT100		
45	Space heater spe.	1 phase 230V, 50Hz		
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Ex-motors

46	Ex-Mark	No					
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Option Variant Codes/Definition

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Remarks:

All data subject to tolerances in accordance with IEC60034-1 Guranteed values on request