

			Technical Data Sheet					
			Project Location					
Item name:			Customer name				PO.No :N/M	
Author:			Reference No.				Pages:1/1	
Project contacts:			Date of issue		2023-2-27			
	Definition	Date	Unit	Remarks				
1	Product	3-phase Squirrel cage HV AC motor						
2	Product code	IEC60034-1						
3	Type/Frame	YKK-500-6						
4	Mounting	IMB3 IEC60034-7						
5	Rated output P _N	1100 kW						
6	Service factor	1.0						
7	Type of duty	S1(IEC)100%						
8	Rated voltage U _N	6000 V ±5%(IEC 60034-1)						
9	Rated frequency f _N	50 Hz						
10	Rated speed n _N	992 r/min						
11	Rated current I _N	131.0 A(ampere)						
12	No-load current	32.8 A(ampere)						
13	Starting current I _s /I _N	6.5 IEC60034-12 design N,H						
14	Nominal torque T _N	10589.7 Nm						
15	Locked rotor torque T _s /T _N	0.7						
16	Maximum torque T _{max} /T _N	1.8						
19		Load %	Current A	Efficiency %	Power factor			
20	Load characterustics(IEC 60034-2-1:2007)PLL determined from residual loss	100%	131.0	95.2%	0.85			
21		75%	102.2	95.0%	0.83			
22		50%	76.0	94.5%	0.78			
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	IP55 IEC60034-5						
30	Cooling system(Method)	IC611 IEC60034-6						
31	Bearing DE/NDE	NU 1030 E + 6030 C3 / NU 1026 E						
32	Type of Grease	Grease						
33	Sound pressure level(LP Db(A) 1m)	Less Than 98dB(A) at load(IEC60034-9)						
35	Balancing	Rotor dynamic balance						
36	Vibration class	less than 2.3mm/s IEC60034-14						
37	Position of terminal box	on the right side of motor						
39	Number of power terminals	2						
40	Direction of rotation	CW + CCW IEC60034-8						
41	Total weight of motor	6200kg						
42	Dimension drawing no.	23-02-27004						
43	Bearing Temperature sensors	2*PT100 IEC60034-11						
44	Stator Temperature sensors	6*PT100						
45	Space heater spe.	1 phase 230V, 50Hz						
46								
Ex-motors								
46	Ex-Mark	No						
47								
48								
Option Variant Codes/Definition								
49								
50								
51								
52								
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55								
56								
Remarks:								
Date bassed on situation 20-Oct-15								
All data subject to tolerances in accordance with IEC60034-1								
Guranteed values on request								