

Technical Data Sheet



Project Location

IT

Item name: HV Motor

Customer name

SEIPEE SPA

PO.No :N/M

Author: International Sales Dep.

Reference No.

UT22.024

Pages:1/1

Project contacts:

Date of issue

2022-3-21

	Definition	Date	Unit	Remarks
1	Product	3-phase Slip ring (Wound rotor) HV Motor		
2	Product code	IEC60034-1		
3	Type/Frame	YBRKK-965-6		
4	Mounting	IM1002		
5	Rated output P_N	2200		
6	Service factor	1.0		
7	Type of duty	S1(IEC)100%		
8	Rated voltage U_N	3100 /5400 V		
9	Rated frequency f_N	50 Hz		
10	Rated speed n_N	990		
11	Rated current I_N	505 /291		
12	No-load current	126 /72.8		
13	Rotor voltage	/		
14	Rotor current	/		
15	Nominal torque T_N	21222.2		
16	Maximum torque T_{max}/T_N	1.8		
19	Load characteristics(IEC 60034-2-1:2007)PLL determined from residual loss	Load %	Current A	Efficiency %
20		100%	505 /291	95.5%
21		75%	394 /227	95.3%
22		50%	293 /169	94.8%
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	40	°C	
28	Altitude	Less than 1000 m.a.s.l.		
29	Enclosure	IP55		
30	Cooling system(Method)	IC511		
31	Bearing DE/NDE	NU		
32	Type of Grease	No. 3 lithium base grease		
33	Sound pressure level(LP Db(A) 1m)	Less Than 110dB(A)		
35	Balancing	Rotor dynamic balance		
36	Vibration class	less than 2.3mm/s		
37	Position of terminal box	on the both side of motor		
39	Number of power terminals	4		
40	Direction of rotation	CW + CCW		
41	Total weight of motor	11000kg		
42	Dimension drawing no.	22-03-21002		
43	Bearing Temperature sensors	2*PT100		
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							
53							
54							
55							
56							

Remarks:

Date based on situation 20-Oct-15

All data subject to tolerances in accordance with IEC60034-1

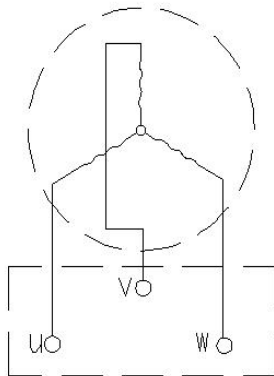
Guaranteed values on request

Wire connection Diagram



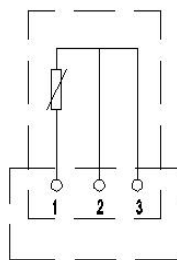
Item name: HV Motor	Project Location	IT
Author: International Sales Dep.	Customer name	SEIPEE SPA
Project contacts:	Customer ref.	UT22.024
	Date of issue:	2022-3-21
		PO.No.:N/M
		Pages:1/1

cable box

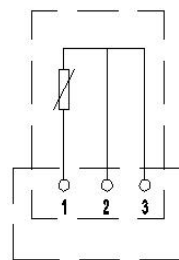


bearing temp detector

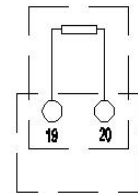
shaft extension side



non-shaft extension side

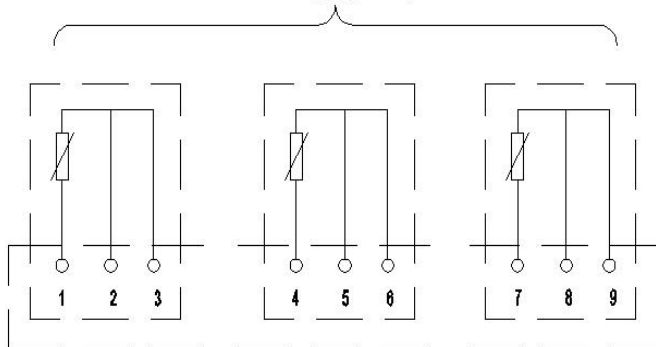


space heater

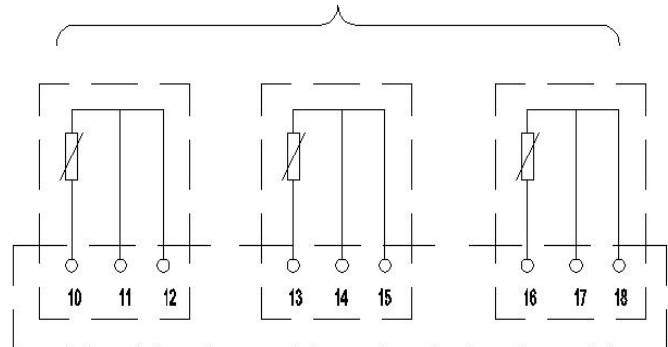


startor temp detector

working group



prepared group



Terminal Box Details



Item name: HV Motor

Author: International Sales Dep.

Project contacts:

Project Location

Customer name

Reference No.

Date of issue:

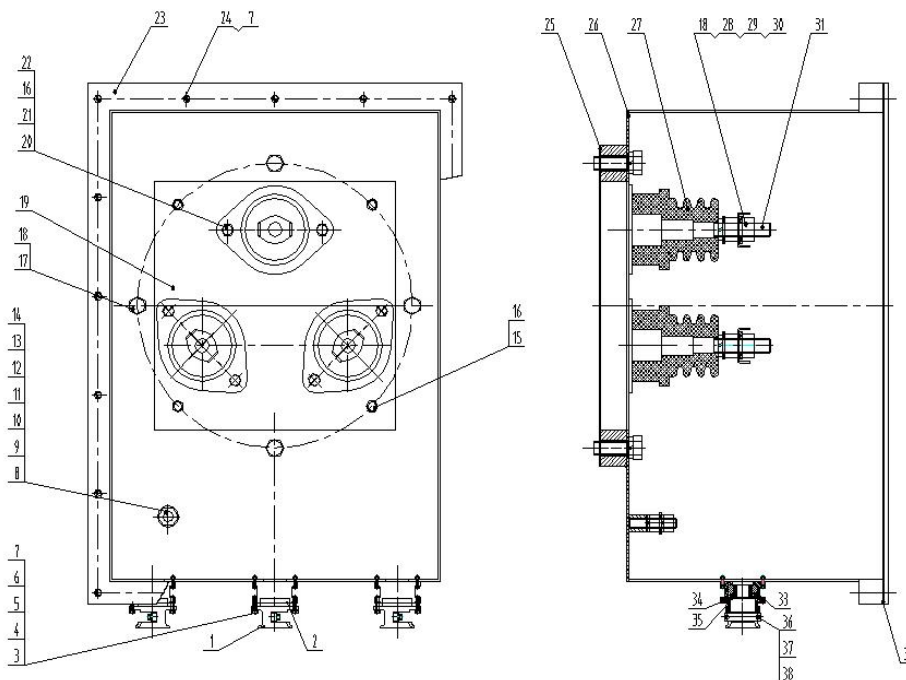
IT

SEIPEE SPA

UT22.024

2022-3-21

Pages:1/1



NO	CODE	NAME	PCS	MATERIAL	MARK
1		Terminal box bucket	3	20 steel plate 235A	YB2-M16
2		Gasket	3	3 steel plate 235A	YB2-M16
3		Terminal box base cover	3	6 steel plate 235A	
4		Sealing ring	3	6 steel plate 235A	
5	GB/T5783	Bolt M8*35	6		galvanized
6	GB/T6170	Bolt M8	6		galvanized
7	GB/T93	Gasket M8	60		65Mn
8	GB/T6170	Bolt M12	4		H62
9	GB/T97.1	Gasket 12	4		H62
10	GB/T93	Gasket 12	2		65Mn
11	GB/T97.1	Gasket 12	2		galvanized
12		Earthmark plate	2		
13		Earthing bolt	2		
14		Earthing bolt seat	2		
15	GB/T5783	Bolt M10*25	4		galvanized
16	GB/T93	Gasket 10	10		65Mn
17	GB/T5783	Bolt M16*45	4		galvanized
18	GB/T93	Gasket 16	10		65Mn
19		Fixed plate	1		
20	GB/T5783	Bolt M10*40	6		galvanized
21	GB/T6170	Screw nut M10	6		galvanized
22	5PX.180.501	Flange plate	3		
23		Terminal box lid	1		
24	GB/T5783	Bolt M8*20	18		galvanized
25		Sealing ring	1		
26		Terminal box base	1		
27		high tension shackle insulator	3		
28		Bow washer 16	3		
29	GB/T6170	Screw nut M16	6		
30	GB/T97.1	Washer 16	6		
31		terminal stud	3		
32		Gasket seal	1		
33		Seal ring	3		
34		Gasket	3		
35		Gasket	3		
36		Pressure plat	3		YB2-M16
37	GB/T5783	Bolt M10*30	6		galvanized
38	GB/T93	Gasket 10	6		65Mn