WOLONG | SEVER

DATA SHEET FOR THE QUOTATION OF THREE PHASE ASYNCHRONOUS EL. MOTOR

51			2023
14930		Page:	1/2

Motor type: **1.PZ 6500-6**

Driven machine:

ELECTRICAL DATA			
Rated power	[kW]	1100	
Duty type		S1	
Rated voltage	[V]	6000	±10%
Frequency	[Hz]	50	±2,5%
Number of poles		6	
Rated speed	[rpm]	992	
Stator execution		Y	
Rated current	[A]	124,4	
Rotor execution		Wound Y	
Rotor voltage	[V]	1181	
Rotor current	[A]	560	
Relative max torque		2,6	
Rated torque	[Nm]	10590	
Efficiency	5/4 [%]		
	4/4 [%]	95,6	
	3/4 [%]		
	2/4 [%]		
Power factor	5/4 [%]		
	4/4 [%]	0,89	
	3/4 [%]		
	2/4 [%]		

GENERAL DATA		
Frame size		500
Outline drawing		503.1504
Weight approximately	[kg]	6880
- baseplate	[kg]	
Mounting arrangement		IM 1001
Method of cooling		IC 611
Degree of protection		
	- housing	IP 55
	- terminal box	IP 55
Direction of rotation		bidirectional
Starting method		rheostat
Insulating class / heating		F/B
Place of setting up		outdoor
Altitude (above sea level)	[m]	≤ 1000
Ambient temperature	[°C]	-20 up to 50
Ambient rel. humidity	[%]	≤ 90
Sound pressure level	[dB(A)]	

BEARING			
DE Bearing	Rolling	NU 232 MC.3+6232 MC.3	
Estimated life	[h]	50000	
Lubricant		LGMT 3	
Additional lubricat.	[cm^3/h]	86/1800	
NDE Bearing	Rolling	NU 232 MC.3	
Estimated life	[h]	50000	
Lubricant		LGMT 3	
Additional lubricat.	[cm^3/h]	43/1800	
Insulated bearing housing			

TERMINAL BOX		
	STATOR	ROTOR
Position	right	right
Terminal screw	TBD	TBD
Cable entry	TBD	TBD

INSTRUMENTS	
stator winding	6x Pt 100 sensors with 3 wires
of bearing	(2+1)x Pt 100 sensors with 3 wires
of cooling air	
of cooling water	
of vibration	

ACCESSORIES			
Heaters			
- in stator housing	[W]	2x300	230 V / 50 Hz
- in rotor housing	[W]	1x300	230 V / 50 Hz

Paint system

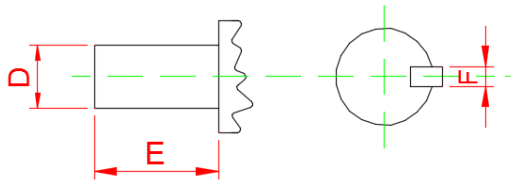
RAL 7001 - epoxy prime coat, epoxy intermediate coat and polyuerthane top coat / total dry film thickness -160 µm; for atmosferic corrosivity category - C3;

Date:	Edited by:	Approved by:
3.3.2023	Bojan Šipetić, dipl.ing.	Bojan Sipetić, dipl.ing

All values in this document are calculated. Technical data are subject to tolerances fixed in IEC 60034-1, if not otherwise agreed.

WOLONG | SEVER	DATA SHEET FOR THE QUOTATION OF THREE PHASE ASYNCHRONOUS EL. MOTOR	51			2023
		14930		Page:	2/2

SHAFT END



DE

D=	**150m6**
E=	**250**
F=	**36h9**

Notes:

- TBD - to be defined

Date:	Edited by:	Approved by:
3.3.2023	**Bojan Šipetić, dipl.ing.**	Bojan Sipetić, dipl.ing