1	**ELECTRIC MOTOR DATA SHEET**	DOCUMENT No.		
2–3	PROJECT			
4–5	LOCATION	GP-1, LK-2, 300 sekcija	Tag No.	SK-303

6 EQUIPMENT TYPE □ centrifugal pump □ fan X other Piston compresor

7 OPERATING ENVIRONMENT □ outside □ shed X building □ other
8 Ambient temperature from -36 °C to 40 °C
9 □ normal Category CORROSION CLASS x C4 □ other
10 x explosive ZONE □ 0 □ 1 x 2 □ IIA □ IIB x IIC
11 □ T1 □ T2 □ T3 x T4 □ T5 □ T6
12 □ fire hazardous Category

13 KEY TECHNICAL REQUIREMENTS
14 TYPE □ asynchronous □ with squirrel-cage rotor □ with phase-wound rotor
15 X synchronous □ other
16 STANDARDS x EN 60034 x EN 50014 □ other

17 SHELL □ aluminum x steel □ other
18 METHOD OF INSTALLATION x IM1001 □ IM3001 □ other
19 COOLING x IC411 □ IC418 □ other
20 OPERATING MODE x S1 □ S2 □ S3 □ S4 □ S5 □ S6 □ S7 □ S8 □ S9

21 VOLTAGE x 6000V □ 400V □ 380V x 50Hz x 3F □ other
22 POWER 1250 kW | SPEED 375 rpm | x IP55 □ other
23 CONNECTION □ Δ x Y | OUTPUTS x 3 □ 6 | INSULATION CLASS x F □ H □
24 START-UP x direct □ using VFD □ using soft starter

25 EXPLOSION SAFETY □ CE x ATEX Group II Category □ 1G x 2G □ 3G
26 Designation x Ex □ d x de □ e □ nA □ p □ other
27 □ IIA □ IIB x IIC □ T1 □ T2 □ T3 x T4 □ T5 □ T6
28 AXLE HEIGHT 360 mm ROTATION DIRECTION □ → □ ← x ↔
29 CONNECTION BOX □ on top X left side □ right side | Rotation □ 90° x 180°
30 Cable lead-ins □ xM25 □ xM32 □ xM40 xM50 X xM63 □
31 Terminals □ core without lug □ core with lug □ other
32 □ bolt mounted seal plate

33 POWER CABLE x 1 □ 2 | Cores □ CU x AL | No. x cross-section 3 x 95 mm²
34 Insulation □ PVC □ XLPE □ rubber x paper □ □ Ø 47÷57 mm
35 armour x steel strips/tape □ steel wire □ shield | installation x conduit □ open
36 Seals □ to be suppl □ additional end adapter x tightened with rubber
37 x connection with conduit installation □ external thread □ internal thread

38 Additional lead-ins X separate box 2 xM20 □ 1 xM25 □ other
39 Additional cables □ Ø mm Armour □ steel strips □ steel wire □ shield
40 Seals □ to be suppl □ additional end adapter □ tightened with rubber
41 □ connection with conduit installation □ external thread □ internal thread

42 HEATING □ front bearing □ end bearing □ motor chamber □ cable connection box
43 x 230V 50Hz □ lube oil tanks x other *anticondensation*

44 WINDING THERMO SENSORS □ PTC x PT100 □ bimetallic □ °C □ 1xF □ 2xF
45 BEARING THERMO SENSORS □ PTC x PT100 □ °C x front x rear

46 BEARINGS □ rolling-element □ ball □ roller □ sleeve x as per manufact. Recom
47 □ lubricated for unlimited period x with lubrication points X with forced lubrication □ with spontaneous lubricat

48 WARRANTIES □ full warranty period x 12 months □ 24 months □ other
49 □ electric motor service time 20 years

DOCUMENTATION

50	X detailed technical data sheet	X	X	□RU
51	X manuals X installation X operation X maintenance	X	X	□RU
52	X ATEX compliance declaration	X	X	□RU
53	X factory testing and measurement reports	X	X	□RU
54	□ winding data	□LT	□EN	□RU
55	X electric motor shaft drawing	X	X	□RU
56	X electric motor cross-section drawing with specified parts	X	X	□RU
57	X motor explosion safety element layout drawing with specified allowable gap dimensions	X	X	□RU

58 PRESENTAION OF INFORMATION IN THE PROPOSAL
Technical data shall be provided by filling in the attached
59 Electric motor drawing, scope of supply, delivery conditions and terms shall be submitted.

60 COMMENTS, APPROVALS