

Eskom Holdings, Inc. -
Kusile Power Station
146838.62.2613

DOC NO. 203-30137 rev. 5
General Service Pumps

MOTOR INFORMATION SHEET

Sheet 1 of 2

Driven Equipment Data

NAME [REDACTED]
ID(s) 60 GME 11.12 AP001
MANUFACTURER [REDACTED]
DRIVEN EQUIP MAX BRAKE LOAD 70kW HP* OR KW AT DESIGN COND _____
MOTOR DATA - ALL MOTORS (CIRCLE CHOICES) HORIZONTAL, VERTICAL, INDUCTION, SYNCHRONOUS
MANUFACTURER [REDACTED]
MODEL [REDACTED]
OUTLINE/WIRING/CONNECTION DRAWING NUMBERS 203-30142

DESIGN STANDARD (NEMA, IEC, etc.) IEC 85 NAMEPLATE VOLTS/PH/Hz 400, 3, 50
FOR NEMA MTRS - NAMEPLATE HP/SERVICE FACTOR - 1
LOCKED-ROTOR CODE LETTER D NEMA DESIGN LETTER -
FOR IEC MOTORS - NAMEPLATE KW 70kW (Nonoverloading; suitable for all required operating conditions)
MAX CONTINUOUS VOLTAGE (RATED FREQ) 440 MIN CONTINUOUS VOLTAGE (RATED FREQ) 360
DUTY TYPE (CONTINUOUS, DEFINITE TIME - MIN) 4 FULL LOAD SPEED 1475 RPM
FULL LOAD CURRENT RATED HP OR KW AMP LOCKED-ROTOR CURRENT 565 AMP
NEMA OR IEC ENCLOSURE IP68 FRAME SIZE N/A (Integrated)
IEC COOLING (IC CODE) - IEC MOUNTING (IM CODE) 85
DESIGN AMB TEMP 23 °C INSULATION SYSTEM CLASS H
TEMP RISE BY RESISTANCE (AT SERVICE FACTOR LOAD) FOR NEMA MOTOR - °C
SPACE HEATERS (SP) FURNISHED: YES (NO) TOTAL SP LOAD WATTS/VOLTS/PHASE 1 1
BEARINGS: TYPE NDE: SKF-GHQ3; DE: SKF-GHQ3
LUBRICATION TYPE Grease: ESSO Uniker EG3 SYSTEM _____
ABMA L-10 RATING LIFE, NOT LESS THAN 50,000 HOURS
CONNECTION (CIRCLE ONE): (DIRECT) BELT CHAIN

OVERALL MEAN NO-LOAD SOUND PRESSURE LEVEL RE MICROPASCALS
(0.0002 MICROBAR) REFERENCE DISTANCE OF 1 METER _____ FREE AIR

TOTAL MOTOR WT 463 (rotor & stator) LB IS MOTOR REVERSIBLE? (YES) NO

FOR MULTI-CONNECTABLE MOTORS (CIRCLE CORRECT CHOICE(S)): PART WINDING, STAR-DELTA,
VARIABLE TORQUE, CONSTANT TORQUE, CONSTANT HORSEPOWER, PAM, TWO WINDING, ONE WINDING,
OTHER _____

RPM _____	FL AMPS _____	LR AMPS _____	: RPM _____	FL AMPS _____	LR AMPS _____
RPM _____	FL AMPS _____	LR AMPS _____	: RPM _____	FL AMPS _____	LR AMPS _____

FOR MOTORS IN HAZARDOUS LOCATIONS: MOTOR ENCLOSURE MAXIMUM SURFACE TEMPERATURE, _____ °C
WILL MOTOR CONTAIN A SURFACE TEMPERATURE CONTROL THERMOSTAT REQUIRING CONNECTION INTO THE MOTOR
STARTER CONTROL CIRCUIT: YES NO