

	CLARIFICATION	Unique Identifier	
		Revision	0
		Effective Date	
		Page	1 of 2
		Tactical Procurement	

Date: **2025/12/02**  
 Enquiries: **M Molefi**  
 Tel: **017 799 3790**  
 Email: **MolefiMO@eskom.co.za**

Dear Sir / Madam

**PROVISION OF TURBINE PUMPS REFURBISHMENT AT MAJUBA POWER STATION FOR A PERIOD FIVE YEARS.**

**ENQUIRY NO: E2148GXMPMAJ**

**MAJUBA POWER STATION**

Herewith requests for clarification, together with Eskom's responses:

Question:

Please send nameplate or serial number and model for Seal oil pump 207797.

Seal oil Pump	
Manufacturer	Plenty Mirrlees
Type	VEA80-3. N.L. 207/158
Capacity	0.0091 m <sup>3</sup> /sec.(120 g.p.m.)
Suction	0 MPa
Discharge	0.83 MPa
Speed	1450 r.p.m.

Answer:

THIS PUMP IS UNDER THE OIL INSIDE THE TANK.

Question:

Please send description or pump data for the following stock numbers  
207793, 193993, 48891, 245304, 216697, 580048, 213697

Answer:

**207793** - PUMP, ROTARY: TYPE: FRF BOOSTER; CAPACITY: 45 GAL/MIN; RATING: 100 PSI; DRIVER: ELECTRIC MOTOR; SUPPL P/N: 8050V-50S-06

**193993** - PUMP, CENTRIFUGAL: CAPACITY: 0.01697 CM<sup>3</sup>/HR; TOTAL HEAD: 126 M; SIZE: 100 X 65 MM; SPEED: 3000 RPM; STAGE: 1; DRIVER: MOTOR; SUPPL P/N: GBS SO/26; 2.5 MPA G MAX DESIGN PRESSURE

**245304** - PUMP, CENTRIFUGAL: NPSH: 3.3 M; CAPACITY: 80 M<sup>3</sup>/HR; TOTAL HEAD: 17 M; SIZE: 80 X 65 MM; SPEED: 2900 RPM; STAGE: 1; DRIVER: ELECTRIC MOTOR 7.5 KW; TYPE: TUBE CLEANING; MANUF P/N: KWP K 65-200 BLOC; IMPELLER DIAMETER 156 MM WITH MECHANICAL SEAL; CLOSED COUPLED; CAN BE USED ON 40 PAH 31 AP 001, 40 PAH 32 AP 001, 50 PAH 31 AP 001, 50 PAH 32 AP 001, 60 PAH 31 AP 001, 60 PAH 32 AP 001; CAN BE USED AT UNITS 4-6

**0216697** - PACK: TYPE: HYDRAULIC; SUPPL P/N: 170381F/5D5; FOR USE ON YARWAY LEAK-OFF VALVE

**580048** - PUMP: TYPE: WATER; SIZE: WD 300 X LG 710 MM; CAPACITY: 245 L/MIN; SPEED: 3 KW; 6.3 A; 2920RPM; RATING: 1500 KPA; SPECIFICATION: DIN EN 1092-1; POTENTIAL: 415V; 3X380V 50HZ; CASING MATERIAL: STAINLESS STEEL; APPLICATION: COOLING PUMP ABB; MANUF P/N: 3BHB020552R0002

**213697** - PUMP, CENTRIFUGAL: CAPACITY: 828 CM<sup>3</sup>/HR; SIZE: 200 X 65 MM; SPEED: 2920 RPM; STAGE: 1; DRIVER: ELECTRIC MOTOR 380 V 37.5 A 3 PH; SUPPL P/N: 110058B

Question:

Please advise. I see we previously received data on 750285 (roper) however the data and the information in the technical document (viking make) is different. Please advise information to use?

Answer:

PUMP GEAR UNIT, FORWARD REVERSE: MOTOR POWER: 1.5 KW; MOTOR SPEED: 1728 RPM; ENCLOSURE RATING: IP54; FLOW RATE: 59.1 GAL/M; CONNECTION TYPE: FLANGED; CONNECTION SIZE: SIZE 32 = 0.033 GPR / Y; FREQUENCY RATING: 50 HZ; CONSTANT OUTPUT CURRENT: 2.98 A; PIPE SIZE: 2 NPT Ports IN; HOSE TYPE: 4 INCH HOSE INSIDE DIA., 22 IN DYNAMIC MIN. BEND RADIUS; WORKING PRESSURE: 150 PSI; OUTPUT VOLTAGE: 440 V; INSULATION CLASS: F; MODEL NO: 2AM32; 2AM32, A SERIES PEDESTAL GEAR PUMP END ONLY (WITH FOOT), C/W INTEGRAL RELIEF VALVE, CAST IRON CONSTRUCTION, STEEL

- HELICAL GEARS, BRONZE BUSHINGS, BUNA MECHANICAL SEAL, 212 F TEMP. MAX,

Question:

Also a data sheet for 750284 was received previously for Kracht pump but I see the data that is in the technical document is different to the information on the data sheet, please advise which information to use?

Answer:

PUMP GEAR UNIT, FORWARD REVERSE: MOTOR POWER: 1.5 KW; MOTOR SPEED: 1400 RPM; ENCLOSURE RATING: IP54; FLOW RATE: 125 ; CONNECTION TYPE: FLANGED; CONNECTION SIZE: SIZE 32 = 0.033 GPR / Y; FREQUENCY RATING: 50 HZ; CONSTANT OUTPUT CURRENT: 3.49 A; PIPE SIZE: 2 NPT Ports IN; HOSE TYPE: 4 IN HOSE INSIDE DIA, 22 IN DYNAMIC MIN. BEND RADIUS; WORKING PRESSURE: 20 BAR; OUTPUT VOLTAGE: 400 V; INSULATION CLASS: F; MODEL NO: KF3/100B10BA 00 DKF3A25 0DH1; DISPLACEMENT: 2.5 TO 3,150 CM<sup>3</sup>/REV ,MEDIA TEMPERATURE RANGE: -40 TO 200°C(-40 TO 392°F) ,MAXIMUM PRESSURE: 25 BAR (363 PSI)

Question:

"Please ask technical team for the name plate or any more information on the below, the below information is not enough.

STOCK 48891  
Pump reciprocating  
Type piston axial  
Style simplex  
Size 24x15mm  
Driver without motor  
Three 8mm dia mounting holes on 140mm PCD  
Reference OVB32B  
Part 000-003-158-096"

Answer:

Please see attached Pictures .

Yours faithfully,

**Morena Molefi**  
**Officer Procurement**

