

94618

MFG. DEPT.
BARTLESVILLE

#30470

FOREIGN
PRINT FILE

COMPRESSOR MOTOR DATA SHEET

SHEET 22 OF

1. Frame Size	TA-1400
2. Enclosure	DEC 20 1967 NEMA I Weather Protected
3. Nameplate Horsepower	450
4. Full Load RPM	1775
5. Service Factor	1.25
6. Volts/phase/frequency	4000/3/60
7. Compressor Full Load current - Rated amps	64.4
8. Current Overload Setting (Maximum Continuous Current) - Amps	72.3
9. Locked Rotor Current - amps	364
10. Efficiency at 125% Nameplate HP	92.3%
Efficiency at 100% Nameplate HP	92.9%
Efficiency at 75% Nameplate HP	92.4%
Efficiency at 50% Nameplate HP	89.8%
11. Power factor at 125% Nameplate HP	90.2%
Power factor at 100% Nameplate HP	90.5%
Power factor at 75% Nameplate HP	89.5%
Power factor at 50% Nameplate HP	85.5%
12. Net Weight - Lbs.	3400
13. Heater Watts	400
14. Heater Volts	220
15. Heater Phases	1

RECEIVED

NOV 27 1967

ELLIOTT CO. CHICAGO

CERTIFIED PRINT FILE

Purchaser Procon, Inc. - Des Plaines, Illinois
 Purchaser's Order No. 5561-55-160-0010
 User Phillips Puerto Rico Core - Puerto Rico
 S.O. No. E-11072 G.O. No. CI-66-0523 Serial No. ---



Form
1915

Supersedes

Revised 11/13/67 R. D. Kemp

CERTIFIED FOR CONSTRUCTION

Do not use this print for construction unless certification is signed and dated.

FOR APPROVAL

FOR RECORD

AVOID DELAY—To establish SHIPPING PROMISE, one approved print must be returned by:

This print is for record purposes only as it covers equipment on which manufacture has been started. Any change is subject to PRICE and SHIPPING PROMISE adjustment. Minimum charge \$50.00

BY _____ DATE _____

BY Walter Wray DATE 11-15-67

94618

PROPOSAL CONTRACT

DATA SHEET

Proposal No. CI66-0523

Date Dec. 2, 1966

To (Hereinafter called the Purchaser)

Procon, Incorporated
DesPlaines, Illinois
and
Phillips Petroleum Company
Puerto Rico

S.O. E-11072

ELLIOTT COMPANY, A Division of Carrier Corporation, (hereinafter called the Company) proposes to furnish the Purchaser, f.o.b. point of manufacture, the following apparatus, machinery, or materials (hereinafter termed machinery), which is further described in the specifications hereto attached and made a part hereof, subject to the stated conditions:

ITEM	DESCRIPTION—MOTOR DRIVEN PAP
Instrument Air Compressor 55-160-0010	<p>Elliott Plant Air Package Centrifugal Compressor (PAP)* Model <u>210M25</u> designed for <u>2100</u> ICFM (<u>14.5</u> PSIA, <u>100</u> °F, <u>70</u> % Relative Humidity) and <u>125</u> PSIG discharge pressure when supplied with <u>87</u> °F cooling water, consisting of:</p> <p><u>Three-stage Compressor and Drive Casing</u>, with pressure lubricated bearings.</p> <p><u>Intercoolers (2)</u> with removable tube bundles, moisture separators and interconnecting air piping.</p> <p><u>Induction Motor</u>. <u>450</u> HP, 1800 RPM, 3 Phase, 60 Cycles, <u>4000</u> Volts, open drive enclosure*** NEMA Class B Insulation, 1.25 Service Factor, ring oiled, sleeve bearings, continuous duty, four-pole, squirrel-cage induction motor. Motor conforms to or exceeds applicable NEMA, ASA and IEEE Standards.</p> <p><u>Speed Increasing Gear</u>, double helical with pressure lubricated sleeve bearings.</p> <p>***Motor is NEMA I Weather protected with space heaters.</p> <p>* Standard Rating: 14.5 PSIA, 90°F, 70% Relative Humidity and 85°F cooling water.</p>

