



DESCRIPTION

1. MAIN MOTOR - FR 5010L, 450 KW, 3 PH, 4160 V, 4 POLE, 60 HZ
2. AIR DISCHARGE HIGH TEMPERATURE SWITCH
3. HYDRAULIC ACTUATOR FOR I.G.V.
4. LUBE OIL SWITCH HIGH TEMP.
5. AUXILIARY OIL PUMP MOTOR
6. OIL LEVEL GAUGE
7. OIL THERMOMETER
8. 2 1/2" NPT - OIL HEATER
9. ANTI VIBRATION MOUNT
10. COLLISION SHUDDER
11. ACCUMULATOR
12. VIBRATION SWITCH
13. PRESSURE SENSOR (AUTRONICA ANALOGUE SENSOR)
14. TEMPERATURE SENSOR (AUTRONICA ANALOGUE SENSOR)
15. AIR TEMPERATURE SENSOR (AUTRONICA ANALOGUE SENSOR)
16. INLET AIR TEMP 4-20 MA SENSOR
17. I.G.V. SOLENOID
18. VISUAL TEMP GAUGE DISCHG. AIR TEMP.
19. VISUAL TEMP GAUGE INLET AIR TEMP.
20. I.G.V. FEEDBACK POT
21. I.G.V. POSITION LIMIT SWITCHES
22. LUBE OIL RETURN FILTERS

CONNECTION DETAILS

INLET - 24" NB - 32" OD TWENTY HOLES 1.38" DIA. OFF CENTRES ON 29.5" P.C. DIA. ANSI B16.5 CLASS 150

DISCHARGE - 20" MD - 27.5" OD TWENTY HOLES 1.25" DIA. OFF CENTRES ON 25" P.C. DIA. ANSI B16.5 CLASS 150

BLOW OFF - 10" NB - 16" OD TWELVE HOLES 1" DIA. OFF CENTRES ON 14.25" P.C. DIA. TO ANSI B16.5 CLASS 150

FOR BOTH, PORT & STBD, AIR LOAD IS
1030 KG DIRECTION AS SHOWN ON CENTRE LINE SHAFT

| | |
|------------------------------|----------|
| COMPRESSOR AND GEAR UNIT | 2660 KGS |
| BEDPLATE & LUBE OIL | 1750 KGS |
| MOTOR | 1410 KGS |
| COOLER, PANEL & SUPPORTS ETC | 300 KGS |
| | 6120 KGS |

THIS DRAWING AND THE OPTIONS AND DIMENSIONS THEREON ARE THE PROPERTY OF AMPOWER CANADA (1982) LTD. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM AMPOWER CANADA (1982) LTD.

| NO. | DATE | REVISIONS |
|-----|--------|---|
| 9 | MAY 87 | LUBE OIL COOLER RELOCATED & ADD ID. SENSORS & AUX. EQUIP. ITEMS 16-22 |
| 8 | FEB 86 | AUTRONICA SENSORS (13, 14) |
| 7 | FEB 86 | ADDED DIMENSIONS, C OF G DISCHARGE ADAPTOR, ELEC CONT. PANEL |
| 6 | JAN 86 | COLLISION SENSORS POSITION |
| 5 | DEC 85 | COLLISION SENSORS |
| 4 | DEC 85 | AW PAGE LOCATION / FOOT DIMENSION |

| NO. | DATE | REVISIONS | SCALE | DATE | DRAWN BY | APPROVED BY | CUSTOMER |
|-----|------|-----------|-------|--------|----------|-------------|---------------------------------|
| | | | NTS | DEC 85 | CARMONA | | AMPPOWER CANADA (1982) LTD. |
| | | | | | | | ST. CATHARINES, ONTARIO. |
| | | | | | | | Dwg. No. RCS - 001 - 22 D REV.9 |