



**COMPRESSOR SPECIFICATIONS**

|                                     |                                 |
|-------------------------------------|---------------------------------|
| BORE                                | Ø 29.3 mm ( 1.15 in.)           |
| STROKE                              | 32.8 mm ( 1.29 in.)             |
| DISPLACEMENT PER REVOLUTION         | 154.9 cc/rev.( 9.5 cu.in./rev.) |
| NUMBER OF CYLINDERS                 | 7                               |
| MAXIMUM ALLOWABLE r.p.m.            | 7000 r.p.m.                     |
| MAXIMUM ALLOWABLE CONTINUOUS r.p.m. | 6000 r.p.m.                     |
| REFRIGERANT                         | R-134a                          |
| OIL .SP-20                          | 135 cc ( 4.6 fl.oz.)            |
| WEIGHT                              | kg ( lb)                        |

**CLUTCH SPECIFICATIONS**

|                                     |                        |
|-------------------------------------|------------------------|
| RATED VOLTAGE                       | DC 12 V                |
| BREAKAWAY TORQUE                    | 3.5 kg-m ( 25.3 ft-lb) |
| MINIMUM ENGAGEMENT VOLTAGE          | 7.5 V MAX.             |
| POWER CONSUMPTION                   | 49 W ( CU )            |
| MAXIMUM ALLOWABLE r.p.m.            | 7000 r.p.m.            |
| MAXIMUM ALLOWABLE CONTINUOUS r.p.m. | 6000 r.p.m.            |
| BELT TYPE                           | A TYPE                 |
| PULLEY DIAMETER                     | 132 mm ( 5.2 in.)      |
| WEIGHT                              | kg ( lb)               |

DESIGNED AND APPROVED BY  
 J. Mitchell  
 30.9.99

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|                        |                 |          |             |             |              |
|------------------------|-----------------|----------|-------------|-------------|--------------|
| MATERIAL               |                 | PART NO. | 7863        | NAME        | COMPRESSOR   |
| THIRD ANGLE PROJECTION |                 | SCALE    | 1:1         | MODEL       | SD7H15JE7863 |
| DESIGN BY              | R. DeLoe        | DATE     | 21.OCT.1992 | DRAWING NO. | 7863-6000    |
| CHECKED BY             | J. Chiyoda      | DATE     | 28.Oct.1992 |             |              |
| CHECKED BY             | J. Taniguchi    | DATE     | 28.OCT.1992 |             |              |
| NO.                    | REVISION RECORD | BY       | DATE        |             |              |