



COMPRESSOR SPECIFICATIONS:

1. MODEL -----PLM-32
2. NUMBER OF CYLINDERS -----10
3. BORE X STROKE -----Ø 36 X 30.7mm
4. DISPLACEMENT -----313cm³ /rev
5. SPEED RANGE -----700~6000 RPM
6. ROTATION DIRECTION -----CW OR CCW
7. LEAKAGE (GAUGE) :
 HIGH SIDE -----2.9 MPa(30 kgf/cm²)
 LOW SIDE -----1.5MPa(15 kgf/cm²)
8. PRESSURE (GAUGE) :
 HIGH SIDE -----4.4 MPa(45 kgf/cm²)
 LOW SIDE -----2.2 MPa(22.5 kgf/cm²)
9. REFRIGERANT -----R134a
10. LUBRICANT -----POE 100PG 500⁺²⁰cm³
11. MASS -----10.7 kg

CLUTCH SPECIFICATIONS:

1. VOLTAGE -----24 VDC
2. BELT -----2B
3. MIN STATIC TORQUE -----78 N.m(8 kgfm)
4. MAX POWER CONSUMPTION -----46W & 25°C
5. MINIMUM PULL-IN VOLTAGE -----21V & 90°C
6. MASS -----4.8 kg

UNCONTROLLED
DOCUMENT

| QTY | ITEM NO | PART/DWG NUMBER | REV | DESCRIPTION | MATERIAL SPEC | WEIGHT | |
|---|---------|--|----------|---|---------------|--------|-----|
| | 1 | 56500 | A | COMPRESSOR ASSEMBLY | | | |
| LIST OF MATERIAL | | | | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS INTERPRET DIM AND TOL PER ASME Y14.5M-1994 | | CAD GENERATED DRAWING DO NOT MANUALLY UPDATE | | JAPAN PAERMA INDUSTRIES INTERNATIONAL | | | |
| THIRD ANGLE PROJECTION | | DRAWN | DATE | TITLE COMPRESSOR PLM-32 24V, 158 MM O.D.,2B CLUTCH | | | |
| | | CHECKED | | | | | |
| | | APPROVED | | SIZE | CODE IDENT NO | DWG NO | REV |
| FINISH | | ENG APPVL | | A3 | | 56500 | A |
| SCALE: NONE | | CAD SYSTEM: CAD | SHEET: 1 | OF: 1 | | | |