



COMPRESSOR SPECIFICATIONS:

1. MODEL -----PLM-32
2. NUMBER OF CYLINDERS -----10
3. BOREX STROKE ----- $\phi 36 \times 30.7\text{mm}$
4. DISPLACEMENT ----- $313\text{cm}^3/\text{rev}$
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^{±20}cm³
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

	1	46530	A	COMPRESSOR ASSEMBLY						
QTY	ITEM NO	PART/DWG NUMBER	REV	DESCRIPTION	MATERIAL SPEC	WEIGHT				
	REV	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								
		FINISH		APPROVED		<table style="width: 100%; border: none;"> <tr> <td style="border: none;">SIZE A3</td> <td style="border: none;">CODE IDENT NO</td> <td style="border: none;">DWG NO 46530</td> <td style="border: none;">REV A</td> </tr> </table>	SIZE A3	CODE IDENT NO	DWG NO 46530	REV A
SIZE A3	CODE IDENT NO	DWG NO 46530	REV A							
		ENG APPVL		<table style="width: 100%; border: none;"> <tr> <td style="border: none;">SCALE: NONE</td> <td style="border: none;">CAD SYSTEM: CAD</td> <td style="border: none;">SHEET: 1</td> <td style="border: none;">OF: 1</td> </tr> </table>			SCALE: NONE	CAD SYSTEM: CAD	SHEET: 1	OF: 1
SCALE: NONE	CAD SYSTEM: CAD	SHEET: 1	OF: 1							