



COMPRESSOR SPECIFICATIONS:

1. MODEL -----PLM-22
2. NUMBER OF CYLINDERS -----10
3. BORE X STROKE ----- $\varnothing 32 \times 26.9$ mm
4. DISPLACEMENT ----- $212\text{cm}^3 / \text{rev}$
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 -----1.5 MPa (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 250⁺²⁰cm³
11. MASS -----5.1 kg

CLUTCH SPECIFICATIONS:

1. VOLTAGE -----24 VDC
2. BELT -----2A
3. MIN STATIC TORQUE -----59 N.m (8 kgfm)
4. MAX POWER CONSUMPTION -----45W & 25° C
5. MINIMUM PULL-IN VOLTAGE -----21V & 90° C
6. MASS -----3.1 kg

UNCONTROLLED
DOCUMENT

	1	47242	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-22 24V, 150 MM O.D., 2A CLUTCH										
		CHECKED		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">SIZE A3</td> <td style="text-align: center;">CODE IDENT NO</td> <td style="text-align: center;">DWG NO</td> <td style="text-align: center;">REV A</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">47242</td> <td></td> </tr> </table>			SIZE A3	CODE IDENT NO	DWG NO	REV A			47242	
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APPROVED		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">SCALE: NONE</td> <td style="text-align: center;">CAD SYSTEM: CAD</td> <td style="text-align: center;">SHEET </td> <td style="text-align: center;">OF </td> </tr> </table>			SCALE: NONE	CAD SYSTEM: CAD	SHEET	OF						
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FINISH		ENG APPVL												