



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 -----1.5MPa (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 250⁺²⁰cm³
11. MASS -----5.1 kg

CLUTCH SPECIFICATIONS:

1. VOLTAGE -----24 VDC
2. BELT -----8PK
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	47246	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, 141 MM O.D., 8PK CLUTCH		
		CHECKED		SIZE	CODE IDENT NO	DWG NO
		APPROVED		A3		47246
FINISH		ENG APPVL		SCALE: NONE CAD SYSTEM: CAD SHEET OF		