



COMPRESSOR SPECIFICATIONS:

1. MODEL -----PLM-22
2. NUMBER OF CYLINDERS -----10
3. BORE STROKE -----φ32 X 26.9mm
4. DISPLACEMENT -----212cm³ /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 -----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	47242A	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		
		CHECKED		COMPRESSOR PLM-22 24V, 145 MM O.D., 2A CLUTCH		
FINISH		APPROVED		SIZE	CODE IDENT NO	DWG NO
		ENG APPVL		A3		47242A
				SCALE: NONE	CAD SYSTEM: CAD	SHEET 1 OF 1
				REV	A	