



COMPRESSOR SPECIFICATIONS:

1. MODEL -----PLM22
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 -----12 VDC
2. BELT -----1B
3. MIN STATIC TORQUE -----49 N.m (5 kgfm)
4. MAX POWER CONSUMPTION -----45W & 25° C
5. MINIMUM PULL-IN VOLTAGE -----10.5V & 90° C
6. MASS -----2.25 kg

UNCONTROLLED
DOCUMENT

	1	22001	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 PLM22 12V, 150 MM O.D., 1B CLUTCH		
		CHECKED		SIZE A3	CODE IDENT NO	DWG NO 22001
		APPROVED				REV A
FINISH		ENG APPVL		SCALE: NONE	CAD SYSTEM: CAD	SHEET OF