



COMPRESSOR SPECIFICATIONS:

- 1. MODEL -----PLM-32
- 2. NUMBER OF CYLINDERS -----10
- 3. BORE X STROKE ----- ϕ 36 X 30.7mm
- 4. DISPLACEMENT -----313cm³/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⁺cm³
- 11. MASS -----10.7 kg

CLUTCH SPECIFICATIONS:

- 1. VOLTAGE -----12 VDC
- 2. BELT -----10PK
- 3. MIN STATIC TORQUE -----78 N.m(8 kgfm)
- 4. MAX POWER CONSUMPTION -----46W & 25°C
- 5. MINIMUM PULL-IN VOLTAGE -----10.5V & 90°C
- 6. MASS -----5.3 kg

UNCONTROLLED DOCUMENT

QTY	ITEM NO	PART/DWG NUMBER	REV	DESCRIPTION	MATERIAL SPEC	WEIGHT
1	32005	A	COMPRESSOR ASSEMBLY			
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS INTERPRET DIM AND TOL PER ASME Y14.5M-1994		CAD GENERATED DRAWING DIMENSIONS DO NOT MANUALLY UPDATE				
THIRD ANGLE PROJECTION		DRAWN	DATE	TITLE		
CHECKED				WWW.PAERMA.COM		
APPROVED				COMPRESSOR		
ENG APPVL				PLM-32		
FINISH				12V, 156 MM I.D., 10PK CLUTCH		
SIZE	CODE	IDENT	NO	REV	REV	REV
A3				32005	32005	A
SCALE:	NONE	CAD SYSTEM:	CAD	SHEET	I	DF I