



COMPRESSOR SPECIFICATIONS:

1. MODEL -----PLM-32
2. NUMBER OF CYLINDERS -----10
3. BOREX STROKE ----- $\phi 36 \times 30.7$ mm
4. DISPLACEMENT ----- $313\text{cm}^3/\text{rev}$
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 500^{±20}cm³
11. MASS -----10.7 kg

CLUTCH SPECIFICATIONS:

1. VOLTAGE -----12 VDC
2. BELT -----2A
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 -----4.8 kg

UNCONTROLLED
DOCUMENT

QTY	ITEM NO	PART/DWG NUMBER	REV	DESCRIPTION	MATERIAL SPEC	WEIGHT
	1	46500	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 DO NOT MANUALLY UPDATE		JAPAN PAERMA INDUSTRIES INTERNATIONAL		
THIRD ANGLE PROJECTION		DRAWN	DATE	TITLE COMPRESSOR PLM-32 12V, 158 MM O.D., 2A CLUTCH		
		CHECKED				
FINISH		APPROVED		SIZE A3	CODE IDENT NO	DWG NO 46500
		ENG APPVL		SCALE: NONE	CAD SYSTEM: CAD	SHEET 1 OF 1