



**COMPRESSOR SPECIFICATIONS:**

1. MODEL -----PLM-32
2. NUMBER OF CYLINDERS -----10
3. BOREX STROKE -----Ø36 X 30.7mm
4. DISPLACEMENT -----313cm<sup>3</sup> /rev
5. SPEED RANGE -----700~6000 RPM
6. ROTATION DIRECTION -----CW OR CCW
7. LEAKAGE (GAUGE) :  
 HIGH SIDE -----2.9 MPa (30 kgf/cm<sup>2</sup>)  
 LOW SIDE -----1.5MPa (15 kgf/cm<sup>2</sup>)
8. PRESSURE (GAUGE) :  
 HIGH SIDE -----4.4 MPa (45 kgf/cm<sup>2</sup>)  
 LOW SIDE -----2.2 MPa (22.5 kgf/cm<sup>2</sup>)
9. REFRIGERANT -----R134a
10. LUBRICANT -----POE 100PG 500<sup>±20</sup>cm<sup>3</sup>
11. MASS -----10.7 kg

**CLUTCH SPECIFICATIONS:**

1. VOLTAGE -----24 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 -----21V & 90°C
6. MASS -----4.8 kg

UNCONTROLLED  
DOCUMENT

QTY	ITEM NO	PART/DWG NUMBER	REV	DESCRIPTION	MATERIAL SPEC	WEIGHT						
	1	46510	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		<b>JAPAN PAERMA INDUSTRIES INTERNATIONAL</b>								
THIRD ANGLE PROJECTION		DRAWN	DATE	<b>TITLE</b> <b>COMPRESSOR</b> <b>PLM-32</b> <b>24V, 158 MM O.D., 2A CLUTCH</b>								
		CHECKED										
		FINISH		APPROVED		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SIZE</td> <td>CODE IDENT NO</td> <td>DWG NO</td> <td>REV</td> </tr> <tr> <td>A3</td> <td></td> <td>46510</td> <td>A</td> </tr> </table>	SIZE	CODE IDENT NO	DWG NO	REV	A3	
SIZE	CODE IDENT NO	DWG NO	REV									
A3		46510	A									
		ENG APPVL		SCALE: NONE	CAD SYSTEM: CAD	SHEET 1 OF 1						