



COMPRESSOR SPECIFICATIONS:

1. MODEL -----PLM-32
2. NUMBER OF CYLINDERS -----10
3. BORE X STROKE -----Ø 36 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 -----12 VDC
2. BELT -----8PK
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	56504	A	COMPRESSOR ASSEMBLY			
	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		<b>JAPAN PAERMA INDUSTRIES INTERNATIONAL</b>			
THIRD ANGLE PROJECTION		DRAWN	DATE	<b>TITLE</b> <b>COMPRESSOR</b> <b>PLM-32</b> <b>12V, 156 MM O.D.,8PK CLUTCH</b>			
		CHECKED					
		APPROVED		SIZE	CODE IDENT NO	DWG NO	REV
FINISH		ENG APPVL		A3		56504	A
		SCALE: NONE	CAD SYSTEM: CAD	SHEET	1	OF	1