



COMPRESSOR SPECIFICATIONS:

1. MODEL: PLM-32
2. NUMBER OF CYLINDERS: 10
3. BORE X STROKE:  $\phi 36 \times 30.7$  mm
4. DISPLACEMENT: 313 cm<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: 1.5 MPa (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: 10PK
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: 5.3 kg

UNCONTROLLED  
DOCUMENT

QTY	ITEM NO	PART/DWG NUMBER	REV	DESCRIPTION	MATERIAL SPEC	WEIGHT
1	REV	32008	A	COMPRESSOR ASSEMBLY		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND TOL PER ASME Y14.5M-1994		CAD GENERATED DRAWING DID NOT MANUALLY UPDATE	
THIRD ANGLE PROJECTION	DRAWN	DATE	TITLE
	CHECKED		COMPRESSOR
	APPROVED		PLM-32
	ENG APP'VAL		24V, 156 MM O.D., 10PK CLUTCH

FINISH		SCALE: NONE		CAD SYSTEM: CAD		SHEET: 1 OF 1	
SIZE: A3		CODE: IDENT: NQ/DVG: ND		REV: 32008		REV: A	



WWW.PAERMACOM