



COMPRESSOR SPECIFICATIONS:

1. MODEL: PLM-32
2. NUMBER OF CYLINDERS: 10
3. BORE X STROKE: $\phi 36 \times 30.7$ mm
4. DISPLACEMENT: 313 cm³/rev
5. SPEED RANGE: 700~6000 RPM
6. ROTATION DIRECTION: CW OR CCM
7. LEAKAGE (GAUGE):
 - HIGH SIDE: 2.9 MPa (30 kgf/cm²)
 - LOW SIDE: 1.5 MPa (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: 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	REV	32007	A	COMPRESSOR ASSEMBLY		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND TOL PER ASME Y14.5M-1994		CAD GENERATED DRAWING DIMENSIONS DID NOT MANUALLY UPDATE	
THIRD ANGLE PROJECTION	DRAWN	DATE	TITLE
CHECKED	APPROVED		COMPRESSOR
ENG APP'VAL			PLM-32
			12V, 156 MM O.D., 10PK CLUTCH

FINISH		SCALE: NONE	CAD SYSTEM: CAD	SHEET: 1	OF: 1
		SIZE: A3	CODE: IDENT	NO: 32007	REV: A

