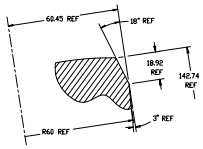
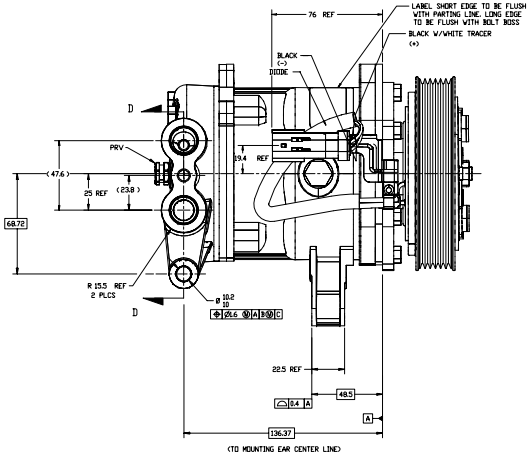
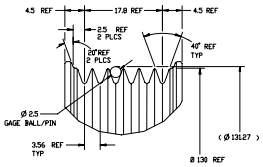
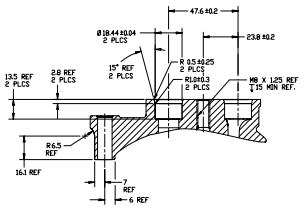


SECTION B-B





DETAIL C
SCALE 3:1

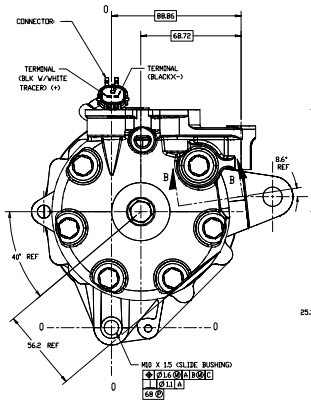


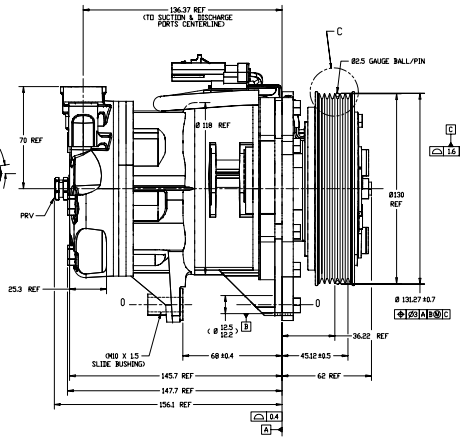
SECTION D-D

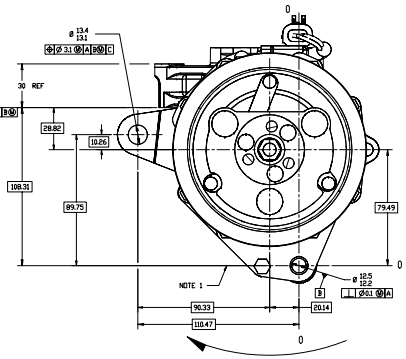
PROD.	REV.	APPV. DATE	REVISIONS		DWN	DSGN	CHK	APPV
			SEE SHT 1					JC

DWN	D Harrington		SANDEN INTERNATIONAL (USA), INC.			
CHK	J Sokolowski		SCALE 14	SCALE REF 14	METRIC	
APPV	Mark Lee 7/9/10		This drawing and the information contained herein are the property of Sanden International (USA), Inc. and is not to be loaned, copied or disclosed to others without the written permission of Sanden International (USA), Inc.			
MFG APPV	7/9/10		INTERPRETATION OF THIS DRAWING PER ASME Y14.5M-1994			
QUALITY APPV	7/9/10		THIRD ANGLE PROJECTION		SIZE D	
ENGINEERING APPV	7/9/10		MATERIAL			
RELEASED FOR PRODUCTION	D Harrington		NAME COMPRESSOR			
A	APPV	7/9/10	DWG. NO. 4854-AFT-6000	2/2	REV. A	

DO NOT SCALE







CLUTCH ROTATION

COMPRESSOR SPECIFICATION

DISPLACEMENT PER REVOLUTION	154.9 cc / REV. (9.5cuin. / REV.)
MAXIMUM ALLOWABLE R.P.M.	8000 R.P.M.
MAXIMUM ALLOWABLE CONTINUOUS R.P.M.	6000 R.P.M.
REFRIGERANT	R134A
OIL (SP-15)	300 cc ±10 cc
WEIGHT	7.61 Kg (16.78 lb)
PRV OPENING PRESSURE RANGE	500-600 PSIG (35.2-42.2 kg/cm G)

CLUTCH SPECIFICATION

RATED VOLTAGE	12V DC
BREAKAWAY TORQUE	3.5 kgf-m MIN. @ 12V
MINIMUM ENGAGEMENT VOLTAGE	7.5V @ ASR GAP 0.6mm REF)
POWER CONSUMPTION	49 WATTS MAX.
BELT TYPE	PV6
MAXIMUM ALLOWABLE BELT TENSION	90 kgf
PULLEY DIAMETER (TOP OF GROOVE)	Ø130mm (Ø5.12 in.)REF.
CLUTCH TYPE	STANDARD

NOTE:
1. ORIGIN AXIS TO BE ESTABLISHED PARALLEL TO DATUM C.
2. COMPRESSOR BARCODE (4600-5700) REQUIRED ON PALLET SLEEVE.
3. COMPRESSOR/CLUTCH MUST CONFORM TO THE REQUIREMENTS OF SANDEN STANDARDS SCS-214 REV. B AND SIA-ES-2002 REV. B.
4. N2 HOLDING CHARGE DELETED.
5. SHIPPING PAD ASSEMBLIES AND FASTENERS NOT SHOWN.

PROD.	REV.	APPV. DATE	REVISIONS		DWN	DSGN	CHK	APPV
	A		INITIAL RELEASE					

DWN	D Harrington		SANDEN INTERNATIONAL (USA), INC.			
CHK	J Sokolowski		SCALE 14	SCALE REF 14	METRIC	
APPV	Mark Lee 7/9/10		This drawing and the information contained herein are the property of Sanden International (USA), Inc. and is not to be loaned, copied or disclosed to others without the written permission of Sanden International (USA), Inc.			
MFG APPV	7/9/10		INTERPRETATION OF THIS DRAWING PER ASME Y14.5M-1994			
QUALITY APPV	7/9/10		THIRD ANGLE PROJECTION		SIZE D	
ENGINEERING APPV	7/9/10		MATERIAL			
RELEASED FOR PRODUCTION	D Harrington		NAME COMPRESSOR			
A	APPV	7/9/10	DWG. NO. 4854-AFT-6000	1/2	REV. A	

DO NOT SCALE