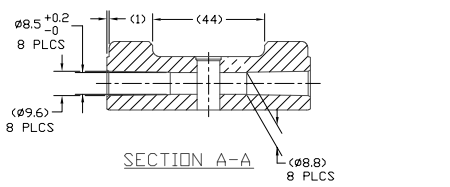
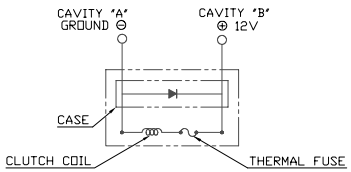
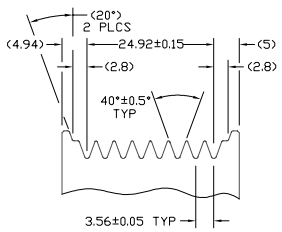
PDCN	REV.	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
			INITIAL ISSUE. REFERENCE: A07MD-6000 REV.A				
2005805	1-19-06		5000 R.P.M. WAS 8000 R.P.M.; 4000 R.P.M. WAS 6000 R.P.M; ADD REF TO COMPRESSOR AND CLUTCH SPECIFICATIONS; 7.5V MAX @ AIR GAP 0.6mm WAS 7.5V MAX @ AIR GAP 0.6mm REF	DRL	JB	DRL	JV
2005348	11-3-05		POS. LEAD WIRE RED WAS BLACK W/WHITE TRACER	DRL	JB	DRL	JV
2005324	1/19/06		8000 R.P.M. WAS 5000 R.P.M.; 6000 R.P.M. WAS 4000 R.P.M.	DRL	JB 1/25/06	DRL	JV 2/6/06
2006005	1/23/06		MACK PT. NO. WAS 206RD52M	DRL	JB 1/26/06	DRL	JV 2/6/06
2006374	11/30/06		0477-6040 FIELD COIL ASSY WAS 0410-6440	JS	AA	DRL	AA



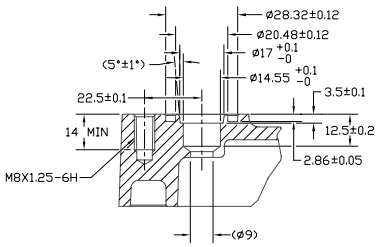
SECTION A-A



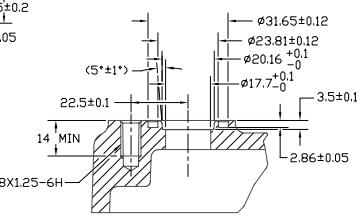
CIRCUIT DIAGRAM
(FOR REFERENCE)



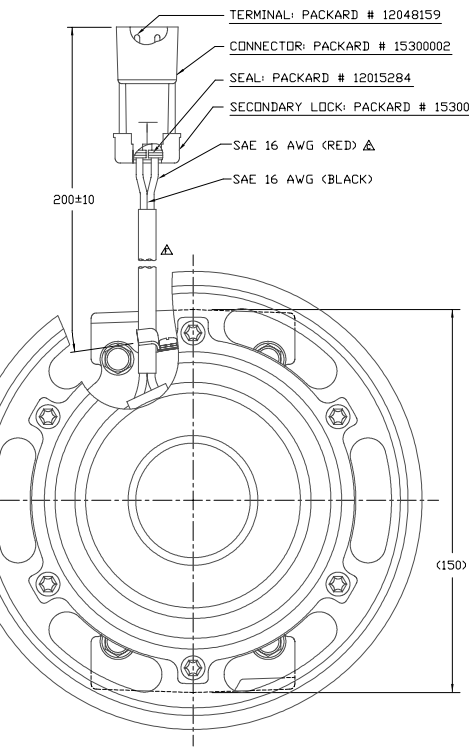
DETAIL C
SCALE 2:1



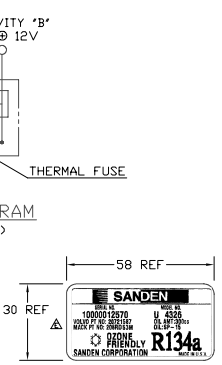
SECTION E-E
SECTION SHOWN WITHOUT SHIPPING PAD ASSEMBLY ROTATED 15°



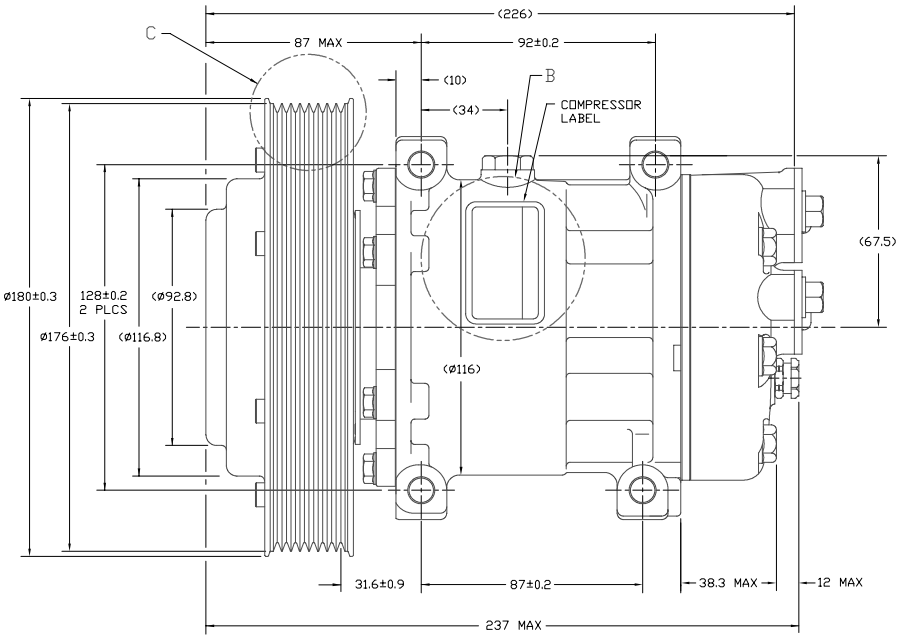
SECTION F-F
SECTION SHOWN WITHOUT SHIPPING PAD ASSEMBLY ROTATED 5°

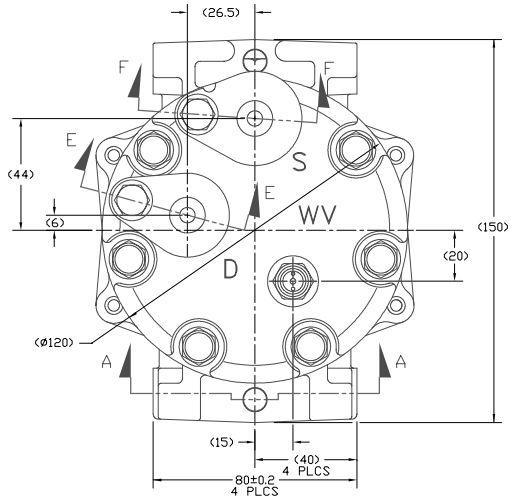


CLOCKWISE ROTATION



DETAIL B
ROTATED 90° CCW





COMPRESSOR SPECIFICATIONS (REF) ⚠

	DISPLACEMENT PER REVOLUTION	154.9 cc / rev. (9.5cu.in. / rev.)
⚠⚠	MAXIMUM ALLOWABLE R.P.M.	8000
⚠⚠	MAXIMUM ALLOWABLE CONTINUOUS R.P.M.	6000
	REFRIGERANT	R134a
◇	OIL (SP-15)	300 cc (10.13 fl.oz.)
	WEIGHT	8.1 kgf (17.9 lb.)
◇	PRV OPENING PRESSURE RANGE	508 - 595 PSIG

CLUTCH SPECIFICATIONS (REF) ⚠

	RATED VOLTAGE	DC 12V
	BREAKAWAY TORQUE	3.5 kgf·m min @ 12V
◇	MINIMUM ENGAGEMENT VOLTAGE	7.5V MAX @ AIR GAP 0.6mm
	POWER CONSUMPTION	49 watts max.
	BELT TYPE	PV8
	MAXIMUM ALLOWABLE BELT TENSION	120 kgf
	PULLEY DIAMETER	ø176mm (6.93 in.)
	CLUTCH TYPE	HEAVY DUTY

SPECIAL CHARACTERISTICS	
SANDEN	
■ OR <C>	NON-SAFETY/REGULATORY SPECIAL CHARACTERISTICS WHERE VERIFICATION IS REQUIRED, BUT ONGOING PROCESS CONTROL IS NOT REQUIRED
◇ OR <R>	NON-SAFETY/REGULATORY SPECIAL CHARACTERISTICS WHICH DEMAND MANDATORY PROCESS CONTROL FOR VERIFICATION
▼ OR <S>	SAFETY/EMISSIONS/NOISE/THEFT PROTECTION

DO NOT SCALE

REV. LEVEL	RELEASED FOR	
A	ENGG DEVELOPMENT	DSGN Raj T Yadav 11/9/05
		DWN HF Dennis Lu 1/7/05
		CHK Mike
		APPV Richard Seaman
		DATE 9/30/05
B	DESIGN VALIDATION	DSGN Jeremy Shultz 10/14/06
		APPV Nate Bowen
		DATE OCT 26 2005
B	PRODUCTION VAL'D.	DSGN Jeremy Shultz 10/14/06
		APPV Nate Bowen
		APPV DATE OCT 26 2005
	PRODUCTION	DSGN
		APPV.
		APPV. DATE

SANDEN
SANDEN INTERNATIONAL (U.S.A.), INC.

DRAWN SCALE REF 1:1 | PLOTTED SCALE REF 1:1 | METRIC

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INTERPRETATION OF THIS DRAWING PER ASME Y14.5M-1994

THIRD ANGLE PROJECTION | SIZE D

MATERIAL:

NAME: COMPRESSOR

DWG. NO. 4326-6000 | REV. F