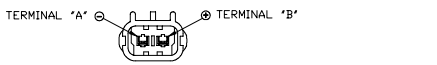
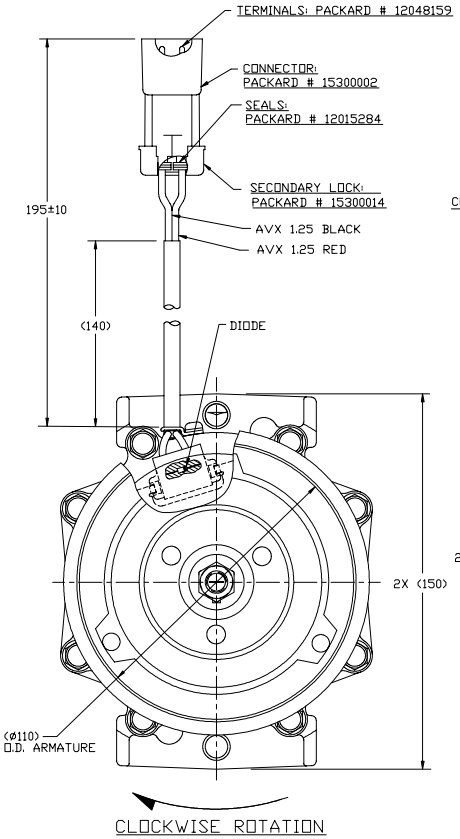
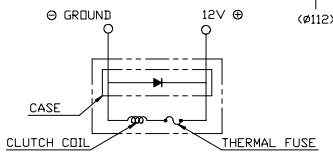
PDCN	REV.	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
	A		INITIAL RELEASE REF. DWG. NO. 4290-6000 REV. B				

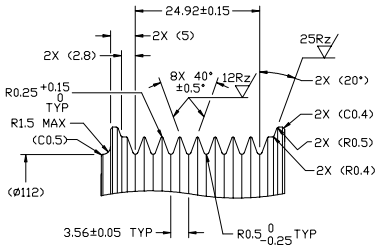




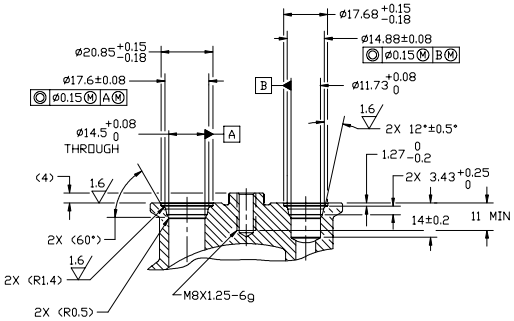
CLOCKWISE ROTATION



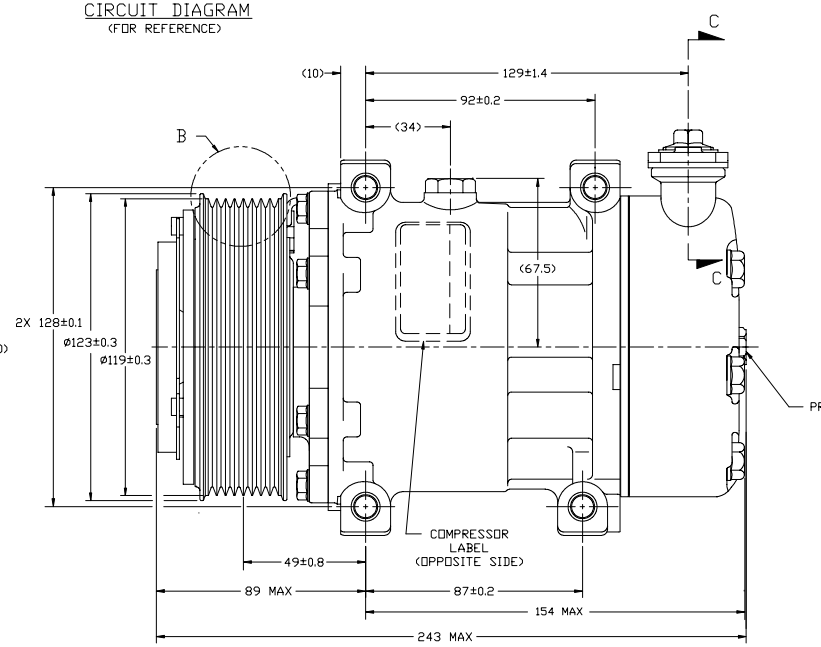
CIRCUIT DIAGRAM
(FOR REFERENCE)

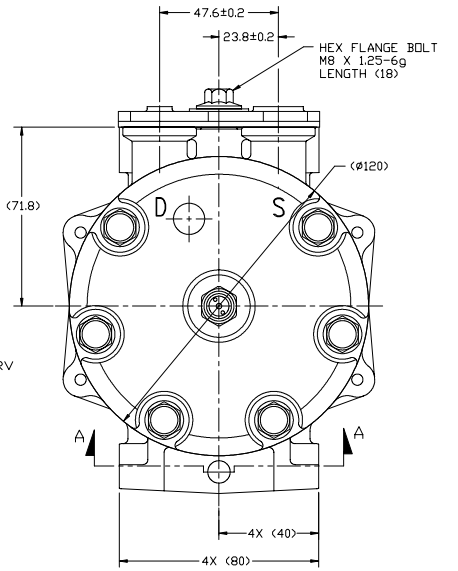


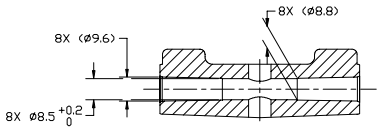
DETAIL B
SCALE 2:1



SECTION C-C
(BOLT AND SHIPPING PAD REMOVED)







SECTION A-A

COMPRESSOR SPECIFICATIONS (REF)

DISPLACEMENT PER REVOLUTION	154.9 cc / rev. (9.5cu.in. / 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 (10.1 fl.oz.)

CLUTCH SPECIFICATIONS (REF)

RATED VOLTAGE	DC 12V
BREAKAWAY TORQUE	3.5 kgf-m min. @ 12V
MINIMUM ENGAGEMENT VOLTAGE	7.5V @ AIR GAP 0.6mm
POWER CONSUMPTION	49 watts max.
BELT TYPE	PV8 TYPE
MAXIMUM ALLOWABLE BELT TENSION	120 Kgf
PULLEY DIAMETER	Ø119mm (4.69 in.)
CLUTCH TYPE	HEAVY DUTY

NOTE:
1. COMPRESSOR TO BE CHARGED WITH NITROGEN PRIOR TO SHIPPING WITHIN 0.9±0.7 kgf/cm².

DO NOT SCALE

REV. LEVEL	RELEASED FOR:	
A	ENEG DEVELOPMENT	
	DSGN	Teresa Gorski
	DWN	Teresa Gorski
	CHK	M.Balthazar
	APPV.	E.M.Arrieta
	APPV. DATE	1/4/08
A	DESIGN VALIDATION	
	DSGN	Teresa Gorski
	APPV.	E.M.Arrieta
	APPV. DATE	1/4/08
A	PRODUCTION VAL'D.	
	DSGN	Teresa Gorski
	APPV.	E.M.Arrieta
	APPV. DATE	1/4/08
A	PRODUCTION	
	DSGN	Teresa Gorski
	APPV.	E.M.Arrieta
	APPV. DATE	1/23/08

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

DRAWN SCALE REF 1:1 | PLOTTED SCALE REF NONE | METRIC

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

THIRD ANGLE PROJECTION | SIZE D

MATERIAL:

NAME: COMPRESSOR

DWG. NO. 4081-6000 | REV. A