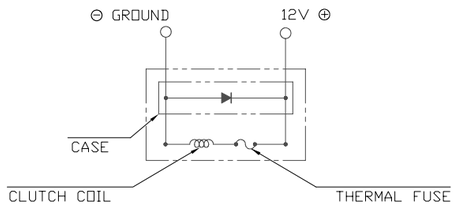
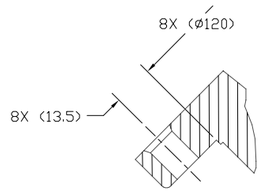
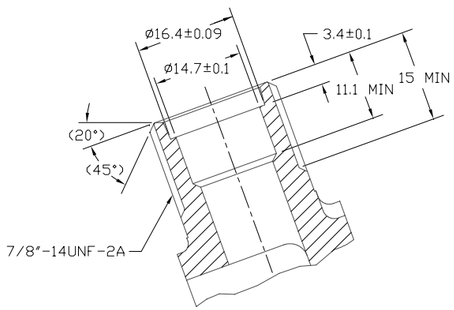
PDCN	REV.	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
	A		INITIAL ISSUE				



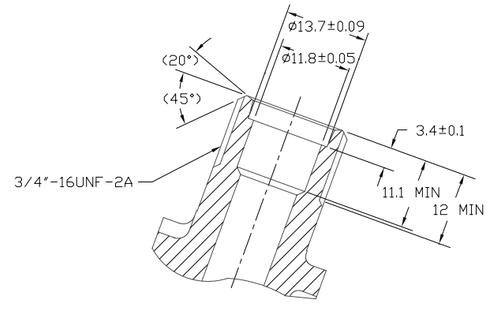
CIRCUIT DIAGRAM
(FOR REFERENCE)



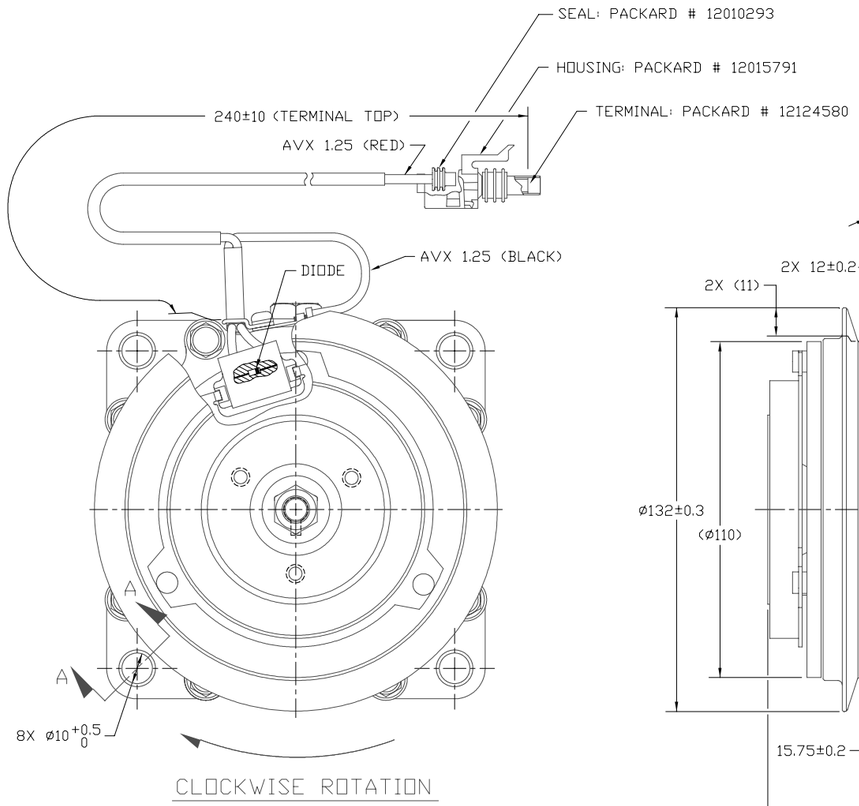
SECTION A-A



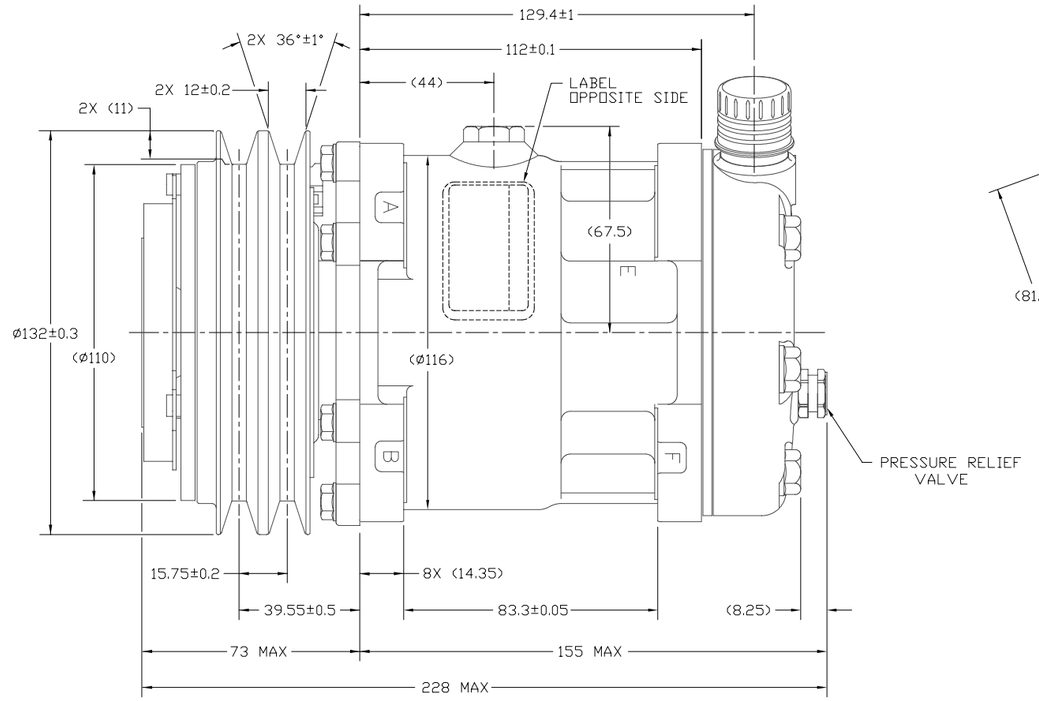
SECTION B-B
SCALE 2:1
(SECTION SHOWN WITH SEAL CAP REMOVED)

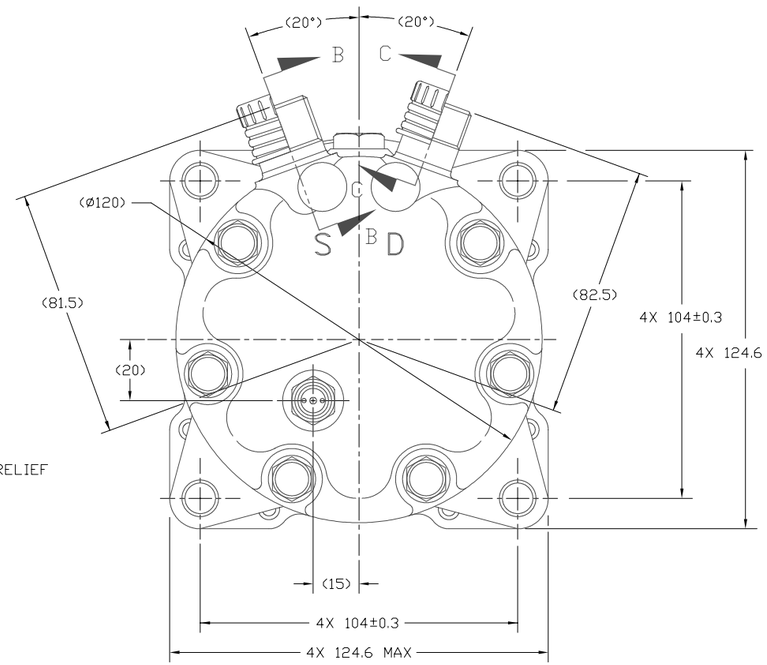


SECTION C-C
SCALE 2:1
(SECTION SHOWN WITH SEAL CAP REMOVED)



CLOCKWISE ROTATION





COMPRESSOR SPECIFICATIONS REF.

DISPLACEMENT PER REVOLUTION	154.9 cc / rev. (9.5 in^3 / 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.)
CUSTOMER PART NUMBER	F69-6003-273

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	A TYPE
MAXIMUM ALLOWABLE BELT TENSION	60 kgf PER BELT
PULLEY DIAMETER	ø132mm (5.2 in.)
CLUTCH TYPE	SUPER HEAVY DUTY

NOTE:
1. DIMENSIONS ARE TO VIRTUAL SHARP CORNERS UNLESS OTHERWISE SPECIFIED.
2. COMPRESSOR TO BE CHARGED WITH NITROGEN PRIOR TO SHIPPING WITHIN 0.9±0.7 kgf/cm^2.

DO NOT SCALE

REV. LEVEL		
A	RELEASED FOR: ENGG DEVELOPMENT	DSGN Shilpa Nagaraj 1/16/06
		DWN J Sokolowski
		CHK Dennis Lee 1/13/06
		APPV. NB
		APPV. DATE 1/20/06
REV. LEVEL	RELEASED FOR: DESIGN VALIDATION	DSGN HT Shilpa Nagaraj 1/16/06
A		APPV. YN NB
		APPV. DATE 1/20/06
REV. LEVEL	RELEASED FOR: PRODUCTION VAL'D.	DSGN HT Shilpa Nagaraj 1/16/06
A		APPV. YN NB
		APPV. DATE 1/20/06
REV. LEVEL	RELEASED FOR: PRODUCTION	DSGN B.C.
A		APPV. EMorrieta
		APPV. DATE 6/7/07

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. 4393-6000 | REV A