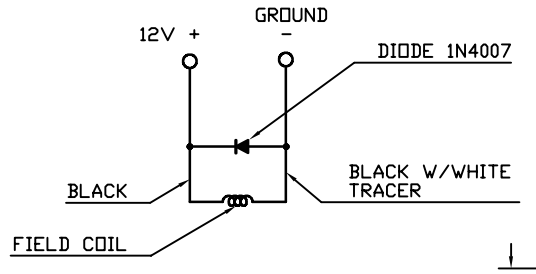
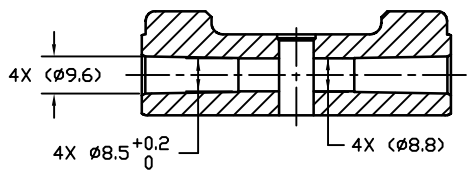
PDCN	REV.	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
	A		INITIAL ISSUE				
2006395	B	11/07/06	UPDATED CIRCUIT DIAGRAM RATED VOLTAGE: "DC 12V" WAS "DC24V" FIELD COIL ASS'Y: 6748-6040 WAS UNKNOWN	RSR	CW	DRL	EMA
2007151	C	07/16/07	230±10 WAS 280±20/-10	TG	AA	SN	AA

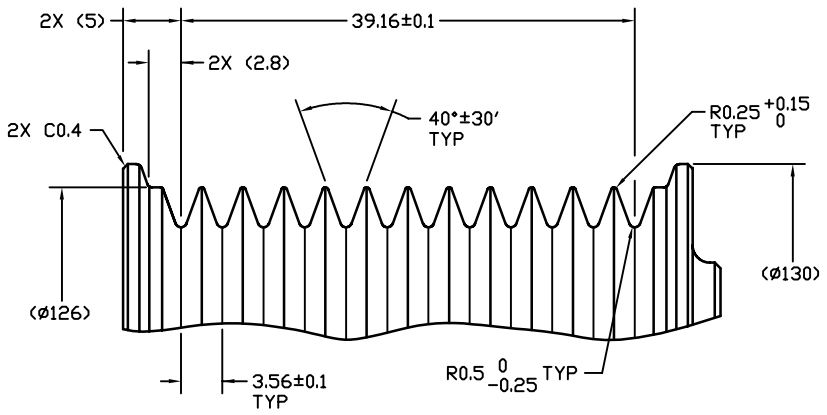


C

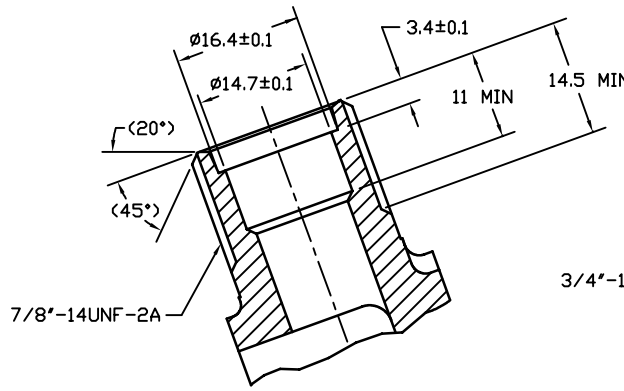
CIRCUIT DIAGRAM



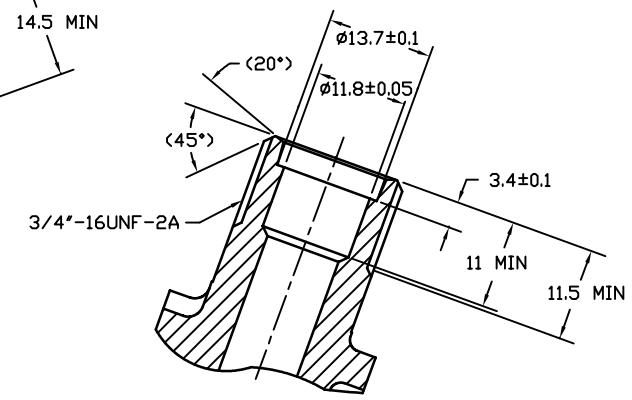
SECTION A-A



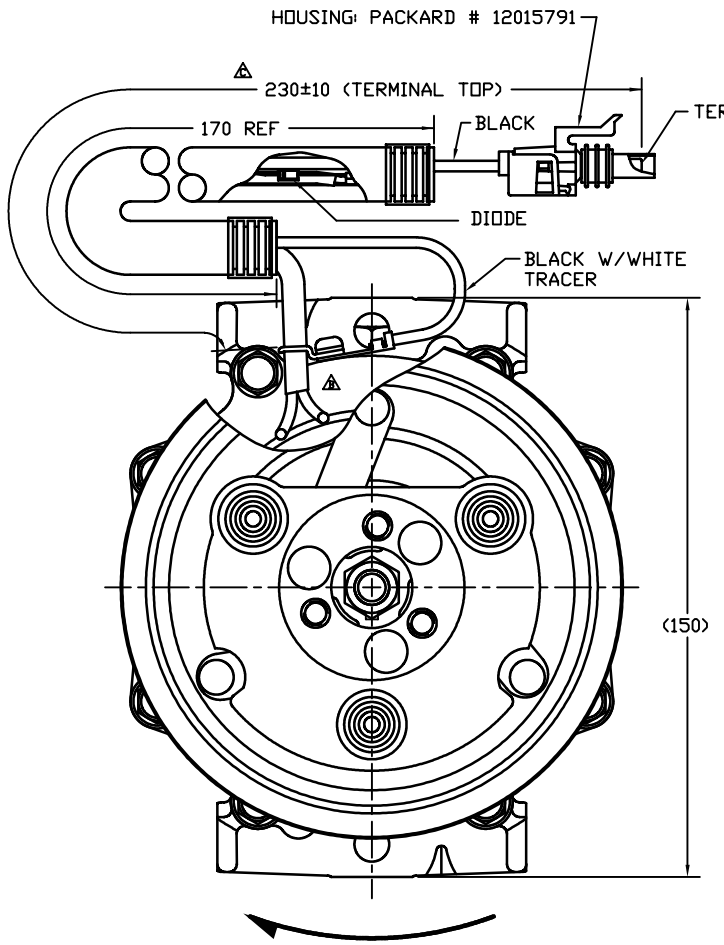
DETAIL B
SCALE - 3:1



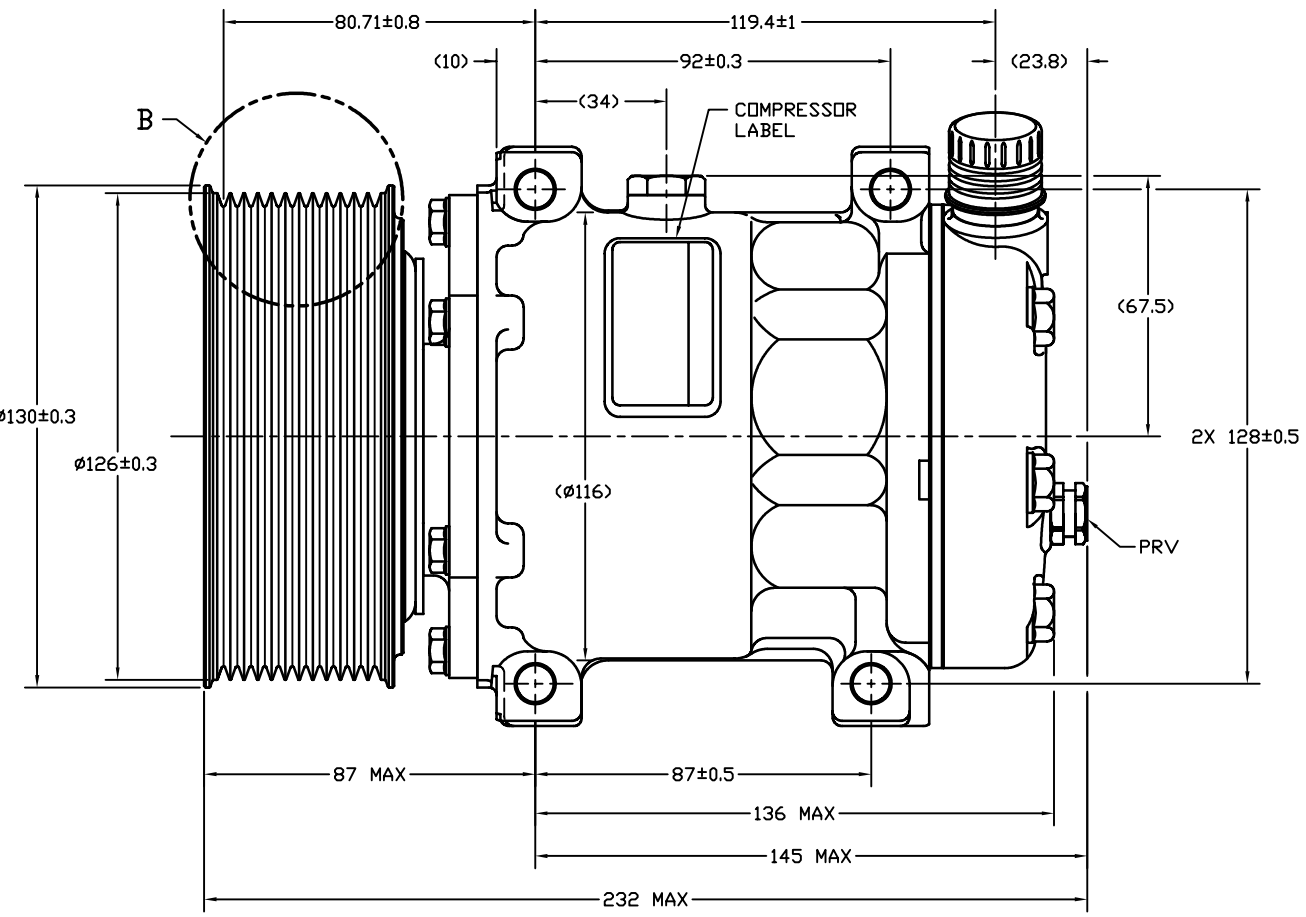
SECTION C-C
SCALE: 2:1
(SECTION SHOWN WITH SEAL CAP REMOVED)

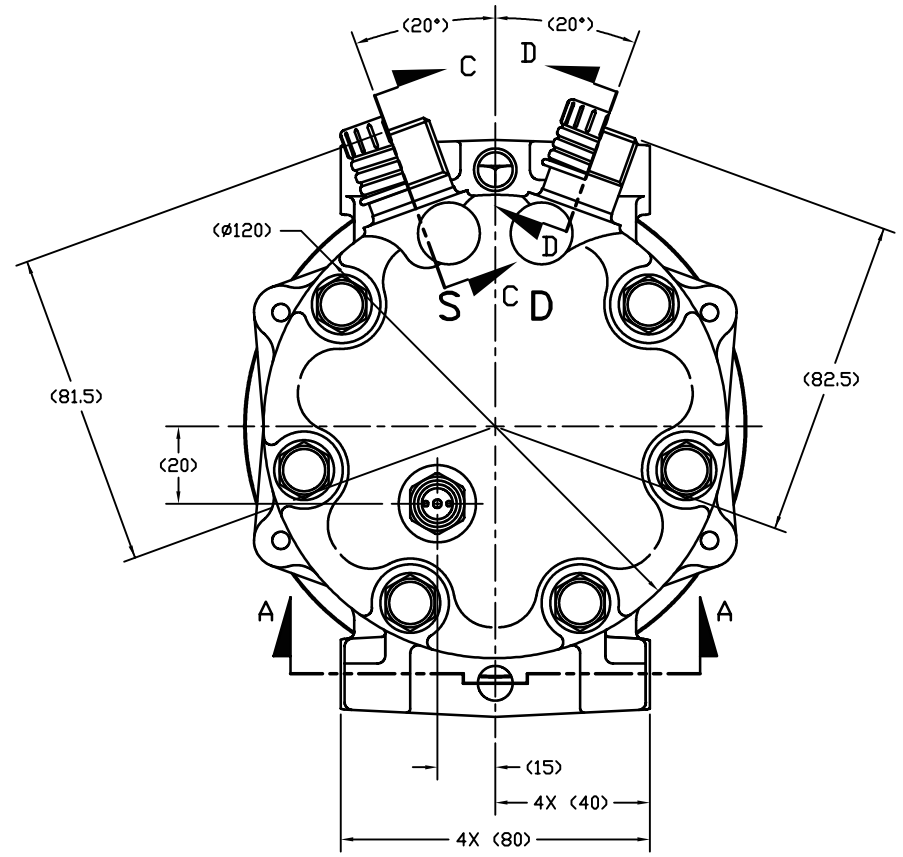


SECTION D-D
SCALE: 2:1
(SECTION SHOWN WITH SEAL CAP REMOVED)



CLOCKWISE ROTATION





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±10cc (10.1 fl.oz.)

CLUTCH SPECIFICATIONS (REF)

C

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	PV12 TYPE
MAXIMUM ALLOWABLE BELT TENSION	120 kgf
PULLEY DIAMETER	ø126 mm (4.96 in.)
CLUTCH TYPE	HEAVY DUTY

REV. LEVEL	RELEASED FOR:	
A	ENGG. DEVELOPMENT	DSGN C. Wolff
		DWN 09/15/06 R. Rodriguez
		CHK 09/19/06 Dennis Lee
		APPV. E. M. Arrieta
		APPV. DATE 09/26/06
REV. LEVEL	RELEASED FOR:	
A	DESIGN VALIDATION	DSGN C. Wolff
		APPV. E. M. Arrieta
		APPV. DATE 11/07/06
REV. LEVEL	RELEASED FOR:	
A	PRODUCTION VAL'D.	DSGN C. Wolff
		APPV. E. M. Arrieta
		APPV. DATE 11/07/06
REV. LEVEL	RELEASED FOR:	
B	PRODUCTION	DSGN Amanda Whitaker
		APPV. MB for EMA
		APPV. DATE 6/8/07

SANDEN
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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. 4678-6000 | REV C

DO NOT SCALE