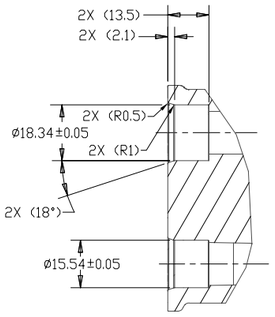
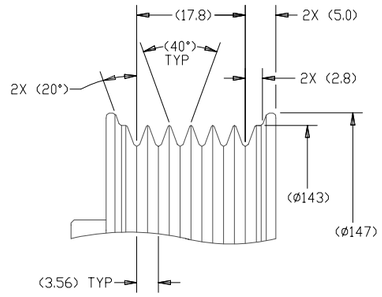
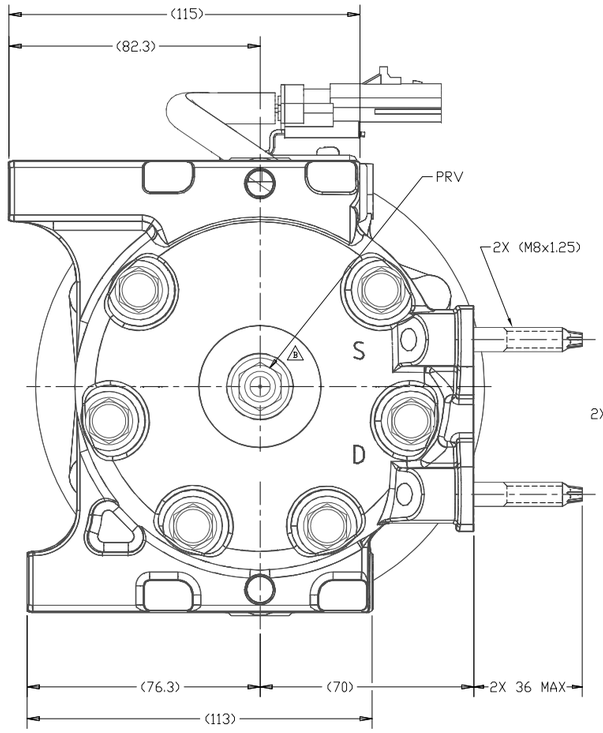
PDCN	REV.	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
	A		INITIAL RELEASE REF. DRW 4851-6000 REV. H				
2006310	B	12/11/06	REMOVED (90°) BLOW DIRECTION; DIM (150.3) WAS (155.4); PRV 4307-6470 WAS 4967-6470; PRV OPENING PRESSURE RANGE WAS 500-600 PSIG (35.2-42.2 kg/cm² G)	DRL	JW	DRL	TK

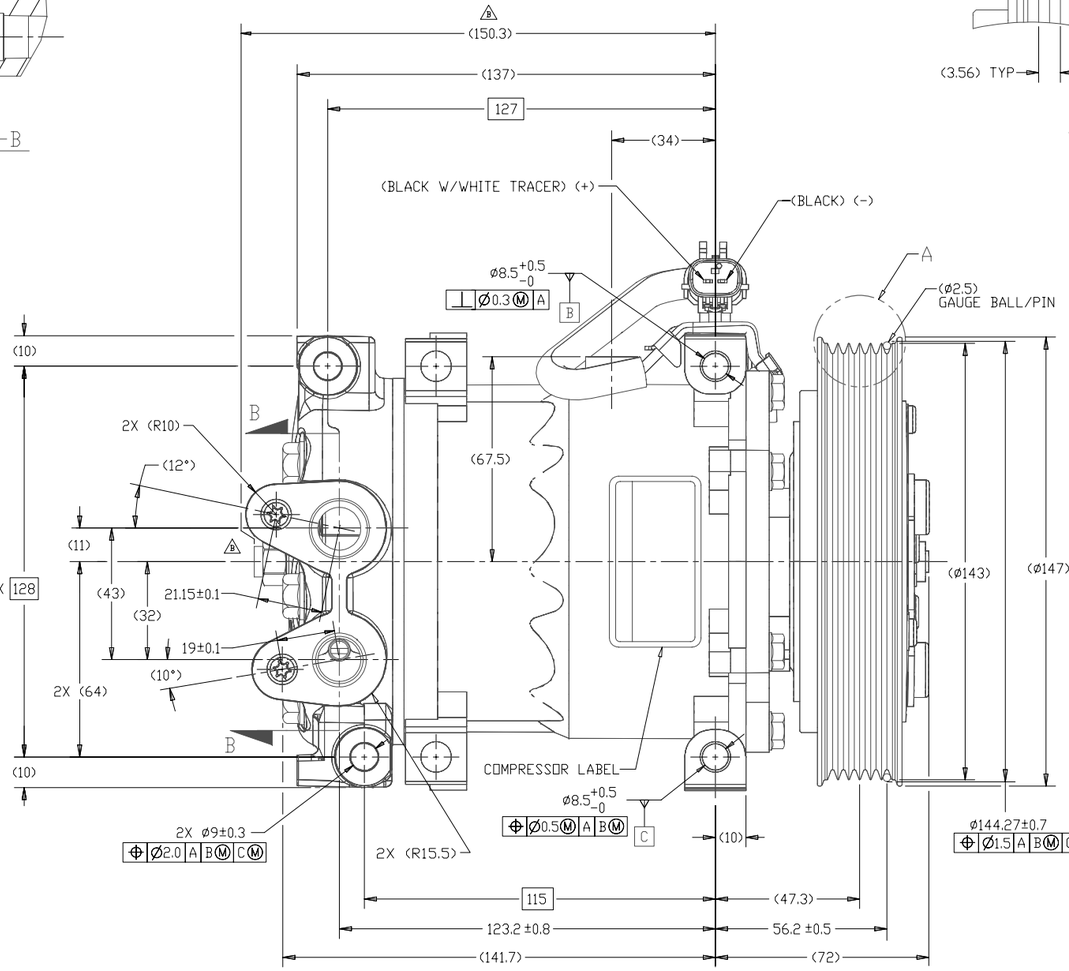


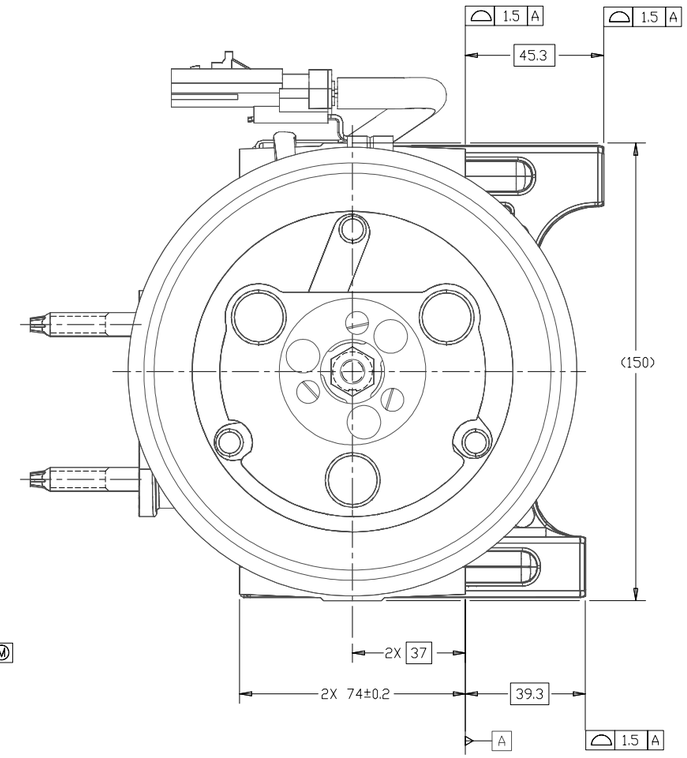
SECTION B-B



DETAIL A
SCALE 2:1







NOTE:

1. COMPRESSOR/CLUTCH MUST CONFORM TO THE REQUIREMENTS OF SANDEN STANDARDS SES-214 REV. B AND SIA-ES-2002 REV. B.
2. N_2 HOLDING CHARGE DELETED.
3. SHIPPING PAD ASSEMBLIES AND FASTENERS NOT SHOWN.

COMPRESSOR SPECIFICATION (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)	240 cc ±10 cc
WEIGHT	TBD
B PRV OPENING PRESSURE RANGE	508-595 PSIG (35.7~41.8 kg/cm² G).

CLUTCH SPECIFICATION (REF)

RATED VOLTAGE	12V DC
BREAKAWAY TORQUE	3.5 kgf-m MIN. @ 12 V
MINIMUM ENGAGEMENT VOLTAGE	7.5V @ AIR GAP 0.6mm
POWER CONSUMPTION	49 WATTS MAX.
BELT TYPE	PV6
MAXIMUM ALLOWABLE BELT TENSION	120 kgf
PULLEY DIAMETER (TOP OF GRAVE)	ø143 mm (ø5.63 in.) REF
CLUTCH TYPE	STANDARD

REV. LEVEL		
A	RELEASED FOR: ENGG DEVELOPMENT	DSGN Janey Waldrop 7/26/05
	DWN J Sokolowski	
	CHK Dennis Lee 2/20/05	
	APPV. NB	
	APPV. DATE 7/23/05	
A	RELEASED FOR: DESIGN VALIDATION	DSGN Janey Waldrop 7/26/05
	APPV. NB	
	APPV. DATE 7/23/05	
A	RELEASED FOR: PRODUCTION VAL'D.	DSGN Janey Waldrop 7/26/05
	APPV. NB	
	APPV. DATE 7/23/05	
A	RELEASED FOR: PRODUCTION	DSGN Janey Waldrop 7/26/05
	APPV. NB	
	APPV. DATE 7/23/05	

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. 4336-6000 | REV B

DO NOT SCALE