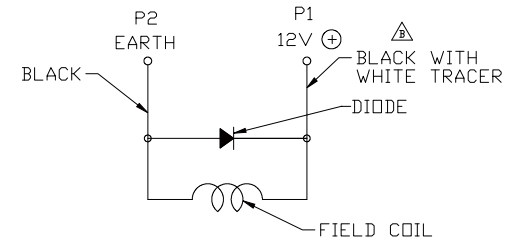


CONNECTOR PIN IS P2;
PIN POLARITY IS ⊖;
WIRE COLOR IS BLACK

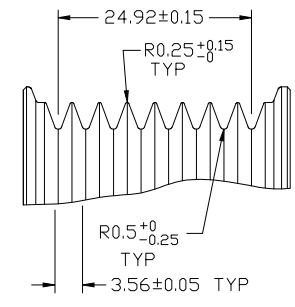
CONNECTOR PIN IS P1;
PIN POLARITY IS ⊕;
WIRE COLOR IS BLACK WITH WHITE TRACER

DEUTSCH 1060-16-0122
DEUTSCH W2P
DEUTSCH DT04-2P-E005

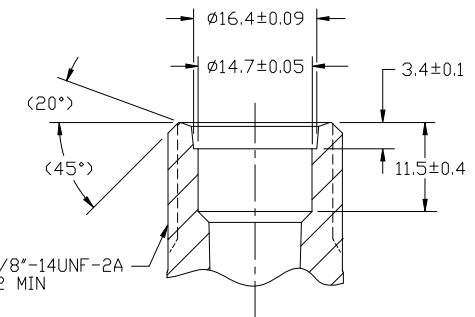
SAE 16 AWG (BLACK WITH WHITE TRACER)
SAE 16 AWG (BLACK)



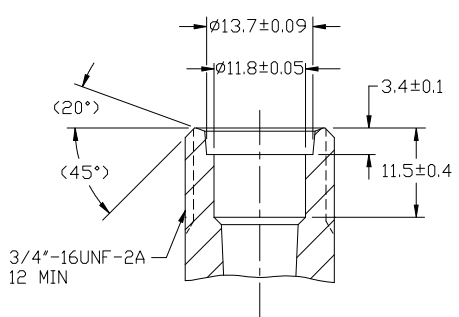
CIRCUIT DIAGRAM



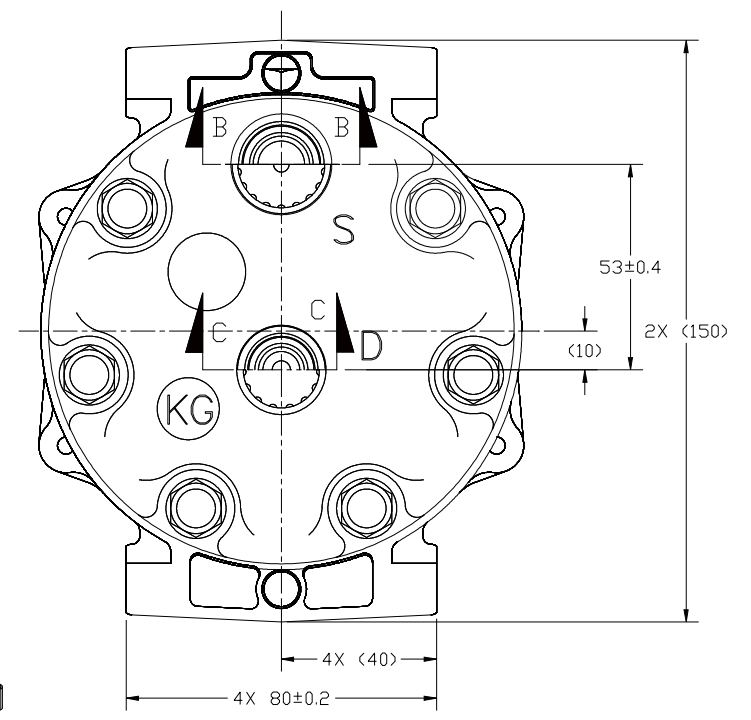
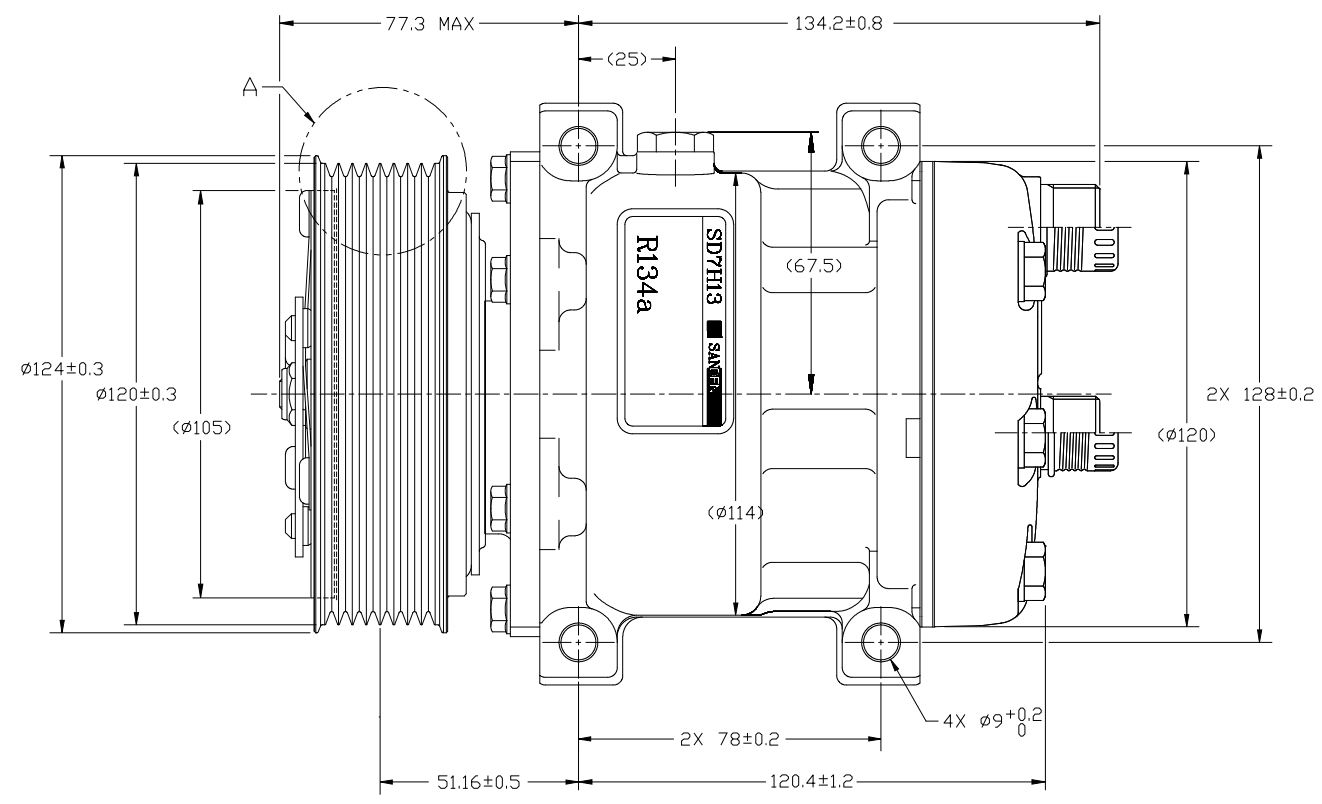
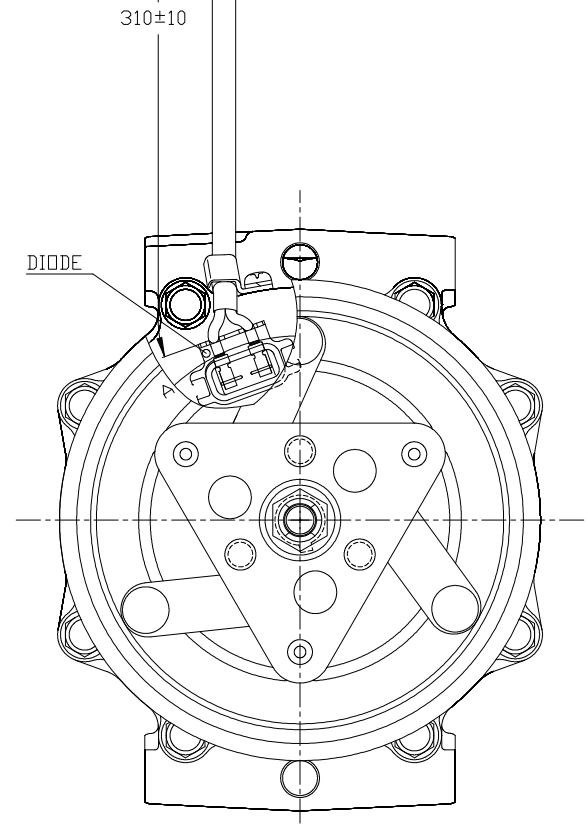
DETAIL A
SCALE 2:1



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



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



COMPRESSOR SPECIFICATIONS (REF.)

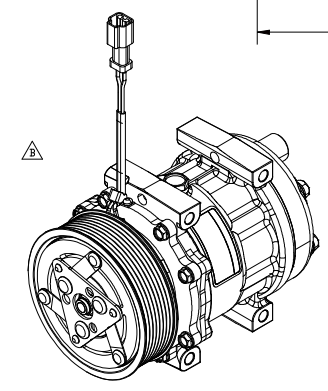
DISPLACEMENT PER REVOLUTION	129.2 cc / rev.
MAXIMUM DOWNSHIFT R.P.M.	7000 R.P.M.
MAXIMUM ALLOWABLE CONTINUOUS R.P.M.	6000 R.P.M.
REFRIGERANT	R134a
OIL (SP-10)	135 cc (4.5 fl.oz.)
WEIGHT	TBD

CLUTCH SPECIFICATIONS (REF.)

RATED VOLTAGE	DC 12V
BREAKAWAY TORQUE	34.3 N·m
MINIMUM ENGAGEMENT VOLTAGE	7.5V @ AIR GAP 0.6mm
POWER CONSUMPTION	49 watts max.
BELT TYPE	PV8
MAXIMUM ALLOWABLE BELT TENSION	120 kgf
PULLEY DIAMETER	Ø120 mm (4.72 in.)
CLUTCH TYPE	HEAVY DUTY

NOTE:
1. N₂ HOLDING CHARGE DELETED.

DO NOT SCALE



PDCN	REV.	APPV DATE	REVISIONS	DWN	DSGN	CHK	APPV
	△		INITIAL ISSUE				
9490	△	6-6-11	6520-0850 WAS 6812-0850 CORD ASSY; SAE 16 AWG (BLACK WITH WHITE TRACER) WAS AVX125(KRED); SAE 16 AWG (BLACK) WAS AVX125(KBLACK); ADDED 3D MODEL VIEW	DRL	DRL	J.S.	HF
9668	△	8-4-11	ADDED CONNECTOR PIN IS P2; PIN POLARITY IS ⊖; WIRE COLOR IS BLACK AND CONNECTOR CONNECTOR PIN IS P1; PIN POLARITY IS ⊕; WIRE COLOR IS BLACK WITH WHITE TRACER	DRL	DRL	J.S.	HF

REV. LEVEL	RELEASED FOR: ENGR DEVELOPMENT	<p>SANDEN INTERNATIONAL (U.S.A.), INC.</p>	<p>DRAWN SCALE REF 1:1 PLOTTED SCALE REF 1:1 METRIC</p>
DSGN	Dennis Lee 5/7/10		
DWN	Dennis Lee 5/7/10	<p>This drawing and the information contained hereon are CONFIDENTIAL and PROPRIETARY to Sanden International (U.S.A.), Inc., are received in CONFIDENCE and shall not be used, copied, or disclosed to others without the written permission of Sanden International (U.S.A.), Inc.</p>	<p>INTERPRETATION OF THIS DRAWING PER ASME Y14.5M-1994</p>
CHK	J. Sokolowski		
APPV	Hoden Farah		
DATE	5-10-10		
REV. LEVEL	RELEASED FOR: DESIGN VALIDATION	<p>THIRD ANGLE PROJECTION</p>	<p>SIZE D</p>
DSGN	Dennis Lee 5/10/10		
APPV	Hoden Farah		
DATE	5-10-10		
REV. LEVEL	RELEASED FOR: PRODUCTION VAL'D	<p>MATERIAL:</p>	<p>NAME</p> <p>SD7H13 COMPRESSOR</p>
DSGN	Dennis Lee 5/10/10		
APPV	Hoden Farah		
DATE	5-10-10		
REV. LEVEL	RELEASED FOR: PRODUCTION	<p>DWG. NO.</p> <p>4590-6000</p>	<p>REV</p> <p>C</p>
DSGN	Dennis Lee 5/10/10		
APPV	Hoden Farah		
DATE	5-10-10		